



**NATIONAL
DAIRY
DEVELOPMENT
BOARD**

*Compendium of Documents
on
Dairy Development & Animal Husbandry
Schemes being implemented by different
departments of Government of India*



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**Brief of the components related to Animal Husbandry & Dairying being funded
under schemes of Government of India**

No.	Scheme
1.	Dairy Processing and Infrastructure Development Fund (DIDF)
2.	National Programme for Dairy Development (NPDD)
3.	National Livestock Mission (NLM)
4.	Livestock Health and Disease Control (LH&DC)
5.	National Animal Disease Control Programme for Foot And Mouth Disease (FMD) And Brucellosis (NADCP)
6.	Rashtriya Gokul Mission (RGM)
7.	Nationwide Artificial Insemination Programme – Phase III (NAIP III)
8.	Supporting State Dairy Cooperatives and Farmer Producer Organisations (SDC&FPO) engaged in dairy activities
9.	Animal Husbandry Infrastructure Development Fund (AHIDF)
10.	Rashtriya Krishi Vikas Yojana – Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY – RAFTAAR)
11.	Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs)
12.	Kisan Credit Card (KCC) for Animal Husbandry, Dairying and Fisheries Farmers
13.	Production Linked Incentives Scheme for Food Processing Industry” (PLISFPI)
14.	Pradhan Mantri Kisan SAMPADA Yojana Scheme for Agro - Marine Processing and Development of Agro - Processing Clusters
15.	Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM)

1. Dairy Processing and Infrastructure Development Fund (DIDF)

Eligible Institutions:

- i. NDDDB and NCDC using the loans from the DIDF will lend to the following institutions:
 - Co-operative Milk Unions.
 - State Cooperative Dairy Federations.
 - Multi State Milk Cooperatives.
 - Milk Producer Companies.
 - NDDDB Subsidiaries.
 - Farmer Producer Organisation (FPO)/ Self Help Group (SHG) registered under State Cooperative/ Companies Act.
- ii. Financial assistance under DIDF will be given to those eligible end borrowers (EEBs) who are making profit and is having positive net worth and willing to avail funds.

Components being funded:

- i. Modernization & creation of new milk processing facilities.
- ii. Manufacturing facilities for Value added Products.
- iii. Milk Chilling infrastructure.
- iv. Setting up electronic milk testing equipment.
- v. Project Management and Learning.
- vi. Cattle Feed/ Feed Supplement Plants.
- vii. Milk Transportation System (Refer Van/ Insulated Tankers etc.).
- viii. Marketing Infrastructure (including e-market system, bulk vending system, Parlour, deep freezer, cold storage etc.).
- ix. Commodity and Cattle feed go-downs.
- x. ICT Infrastructure (e.g. block chain technology, servers, IT solutions, Near Real Time devices etc.).
- xi. R&D (Lab & equipment, new technology, innovations, product development etc.).
- xii. Renewable energy infrastructure/ plants, triggen/ energy efficiency infrastructure. In all three cases, the energy generated or saved must be for the benefit of running cost of the existing plant/ BMC unit/ Milk collection unit etc.
- xiii. PET bottle/ packaging material manufacturing units for dairy purposes etc.
- xiv. Training Centre (complete with civil and other necessary infrastructure).
- xv. Any other activity related to the dairy sector targeted to contribute to the objectives of DIDF and decided by Government of India in consultation with the stakeholders.

2. National Programme for Dairy Development (NPDD)

Component A:

Eligible Institutions:

State Dairy Federations/ Milk Unions/ other registered Cooperative Unions/ District Rural Development Authorities (DRDAs)/ Milk Producer Companies/ Farmer Producer Organisations.

Components being funded:

- i. Milk Chilling Facilities (including BMC) at primary level.
- ii. Establishment of milk testing laboratories.
- iii. Certification and Accreditation.
- iv. Information and Communication Technology Networking.
- v. Training & Farmer Awareness Programme.
- vi. Planning and Monitoring.
- vii. Research & Development.

Component B: Dairying Through Cooperatives (DTC)

Eligible Institutions:

Milk Unions/ Multi-state Milk Cooperatives/ State Dairy Federations/ Milk Producer Companies.

Components being funded:

- i. Strengthening Milk Procurement Infrastructure.
- ii. Milk Processing Facilities and Manufacturing Facilities (milk & milk products and cattle feed).
- iii. Support for Marketing Infrastructure.
- iv. Support for ICT Infrastructure.
- v. Productivity Enhancement.
- vi. Project Monitoring and Studies.
- vii. Training and Capacity Development.

3. National Livestock Mission (NLM)

Sub Mission:

1. Sub-Mission on Breed Development of Livestock and Poultry –

Proposes to bring sharp focus on entrepreneurship development and breed improvement in poultry, sheep, goat and piggery by providing the incentivisation to the Individual, FPOs, FCOs JLGs, SHGs, Section 8 companies for entrepreneurship development and also to the State Government for breed improvement infrastructure.

- Activity I: Establishment of Entrepreneurs for breed development of Rural Poultry.

Eligible Institutions: Individual/ SHGs/ FPOs/ FCOs/ JLGs and Section 8 companies.

- Activity II: Establishment of Entrepreneur for breed development in small ruminant sector (sheep and goat farming).

Eligible Institutions: FPOs/ FCOs/ SHG/ JLG/ Individuals/ Section 8 companies.

- Activity III. Genetic Improvement of Sheep and Goat breeds.

Eligible Institutions: State Livestock Agencies/ Animal Husbandry Department (State Government)/ State Livestock Boards.

- Activity IV. Promotion of Piggery Entrepreneur.

Eligible Institutions: FPOs/ SHG/ FCOs/ JLG/ section 8 companies/ Individual.

- Activity V: Genetic Improvement of Pig breeds.

Eligible Institutions: State Livestock Agencies/ Animal Husbandry Department (State Government)/ State Livestock Boards.

2. Sub-Mission on Feed and Fodder Development – This Sub-Mission aims towards strengthening of fodder seed chain to improve availability of certified fodder seed required for fodder production and encouraging entrepreneurs for establishment of fodder Block/ Hay Bailing/ Silage Making Units through incentivisation.

- Activity I: Assistance for quality Fodder seed production.

Eligible Institutions: ICAR institutions/ NSC/ NAFED/ KRIBHCO/ IFFCO/ Central Multi-State Cooperatives such as NCCF/ Hindustan Insecticides Limited (HIL), NDDB, Dairy Cooperatives, Milk Federations or other agency approved by the National Livestock Mission as central nodal agency at national

level, based on the approved Plan for these agencies at Central level/ State Government seed production corporations, public and private organizations and other organizations with good credibility.

- Activity II: Entrepreneurship activities in feed and fodder.

Eligible Institutions: Private entrepreneurs/ SHG/ FCOs/ JLG/ FPOs/ Dairy Cooperative societies/ section 8 companies.

- 3. Sub-Mission on Innovation and Extension** – The sub-mission aims to incentivize the Institutes, Universities, Organizations carrying out research and development related to sheep, goat, pig and feed and fodder sector, extension activities, livestock insurance and innovation. Under this sub-mission, assistance will be provided to the central Agencies, ICAR Institutes and University farms for applied research required for development of the sector, extension services including promotional activities for animal husbandry and schemes, seminars, conferences, demonstration activities and other IEC activities for awareness generation. Assistance will also be provided for livestock insurance and innovations.

- Activity I: Research and Development and innovations.

Eligible Institutions: ICAR, Central Institutes, State Government University farms and other credible institutions and Start Ups.

- Activity II: Extension activities.

Eligible Institutions: State Animal Husbandry Department and DAHD, GOI.

- Activity III: Livestock Insurance.

Eligible Institutions: State Animal Husbandry Department. However, special efforts will be made to associate and involve the registered milk societies/ unions for ensuring the animals belonging to the members of these societies/ unions as a group. The insurance companies will also be persuaded to give some further concessions to these societies/ unions with respect to the rate of premium as the work of their agents will be reduced otherwise.

4. Livestock Health and Disease Control (LH&DC)

Components being funded:

1. Critical Animal Disease Control Programme:
 - *Peste des Petits Ruminants Eradication Programme (PPR-EP).*
 - *Classical Swine Fever Control Programme (CSF-CP).*
2. Establishment and Strengthening of Veterinary Hospitals and Dispensaries (ESVHD) – Mobile Veterinary Units (MVU).
3. Assistance to States for Control of Animal diseases (ASCAD):
 - *Vaccination against economically important livestock and poultry diseases.*
 - *Surveillance and Monitoring of important livestock and poultry diseases.*
 - *Control of emergent & exotic livestock and poultry diseases (100%).*
 - *Research & Innovation, Publicity & Awareness, Training, etc.*
4. Activities requiring effective linkages:
 - *Vaccine and Vaccination.*
5. Animal Identification.
6. Publicity and Awareness.
7. Sero-monitoring, sero-/ clinical surveillance, Vaccine testing etc.
8. Convergence of components of LH&DC and NADCP.

5. **National Animal Disease Control Programme for Foot And Mouth Disease (FMD) And Brucellosis (NADCP)**

Implementing Agencies:

The programme shall be implemented in all States and Union Territories with 100% central assistance through the Central Implementing Agency/ State Implementing Agencies/ Livestock Development Boards of the respective State/ UT Governments. The State/ UT Governments shall provide the requisite infrastructure for vaccine cold chain maintenance etc. and manpower to carry out vaccination and other related activities. Administrative support shall be provided by the Commissioners/ Directors, Department of Animal Husbandry and district authorities of the States/ UTs concerned to ensure smooth implementation of the programme.

Activities under NADCP for FMD and Brucellosis:

- **Control of Foot & Mouth Disease:** Major activities of this programme include:
 - Vaccinating the entire susceptible population of bovines, small ruminants (sheep and goats) and pigs at six-monthly intervals (mass vaccination against FMD).
 - Primary vaccination of bovine calves (4-5 months of age).
 - Deworming one month prior to vaccination.
 - Publicity and mass awareness campaigns at national, state, block and village level including orientation of the state functionaries for implementation of the programme.
 - Identification of target animals by ear-tagging, registration and uploading the data in the animal health module of Information Network for Animal Productivity and Health (INAPH).
 - Maintaining record of vaccination through Animal Health cards.
 - Serosurveillance/ seromonitoring of animal population.
 - Procurement of cold cabinets (ice liners, refrigerators, etc.) and FMD vaccine.
 - Investigation and virus isolation and typing in case of outbreak.
 - Recording/ regulation of animal movement through temporary quarantine/ check-posts.
 - Testing of pre-vaccination and post-vaccination samples.
 - Generation of data and regular monitoring including evaluation of impact of the programme.
 - Providing remuneration to vaccinator which should not be less than Rs. 3/- per vaccination dose and Rs. 2/- per animal for ear-tagging including animal data entry.

- **Control of Brucellosis:** The major activities of this component include mass screening of cattle and buffaloes to know exact incidence of the disease in an area / villages/ block/ district of state, once in lifetime vaccination of all female calves between 4-8 months using *B. abortus* S-19 strain vaccine (*any alternative vaccine may replace the existing one in future*), one time grant to strengthen one ELISA laboratory in a State/UT, consumables for ELISA Laboratories, remuneration to privately engaged vaccinators in absence of sufficient manpower, publicity and awareness campaigns at national, state and block level, including orientation of the state functionaries for implementation of the programme and online monitoring & data management at HQ.

6. Rashtriya Gokul Mission (RGM)

Implementing Agencies:

1. Implementing Agencies (IAs) - State Livestock Development Boards#/ State Milk Federations#/ Central Frozen Semen Production and Training Institute, Central Cattle Breeding Farms, Central Herd Registration Scheme, National Dairy Development Board/ Indian Council of Agricultural Research (ICAR) and its Institutes/ Central Universities.
2. Participating Agencies (PAs) - Other agencies having a role in Bovine Development like, Universities, Colleges, etc. PAs will submit Projects to the concerned IA.

State Government may decide on State implementing agency and participating agencies of the scheme.

Components:

- Availability of High genetic Merit Germplasm:
 - *Bull Production Programme.*
 - *Support to semen stations.*
 - *Implementation of IVF technology.*
 - *Breed Multiplication Farms.*
- Extension of AI coverage:
 - *Establishment of Multi-Purpose AI technicians in Rural India (MAITRIs).*
 - *Nationwide AI programme.*
 - *Using sex sorted semen for getting assured pregnancy.*
 - *Implementation of National Digital Livestock Mission (Livestock).*
- Development and Conservation of indigenous Breeds:
 - *Assistance to Gaushalas, Gosadans and Pinjarapoles.*
 - *Administrative expenditure/ operation of Rashtriya Kamdhenu Aayog.*
- Skill Development.
- Farmers Awareness.
- Other Activities related to cattle and buffalo Development:
 - *Research Development and Innovation in Bovine Breeding.*
 - *Any other activity considered to be important to taken up under the project will be allowed including creation of new infrastructure for bovine breeding.*

7. Nationwide Artificial Insemination Programme – Phase III (NAIP III)

The sub scheme will be covered under the scheme RGM under the component of development and conservation of indigenous breeds. The Programme will be implemented in 607 identified districts having less than 50% A.I coverage from 1st August 2021 to 31st May 2022 over a period of 10 months covering around 3 Crore breedable bovine female populations.

Implementing Agencies:

1. State Implementing Agencies (SIAs) - State Livestock Development Boards/ Milk Federations.
2. End Implementing Agencies (EIAs) – State Animal Husbandry Department.
3. Participating Implementing Agencies (PAs) - Other agencies having a role in Bovine Development.

Components being funded:

- AI services will be delivered at farmers free of cost.
- Cost of semen doses including consumables, transportation and storage.
- Incentive to AI technician for AI done and after the birth of each calf including data uploading on INAPH.
- Parentage Testing.
- Awareness Programme.

8. Supporting State Dairy Cooperatives and Farmer Producer Organisations (SDC&FPO) engaged in dairy activities

Supporting Dairy cooperatives and Farmer Producer Organizations engaged in dairy activities" during severely adverse market conditions, natural calamities or unforeseen exigencies with an allocation of Rs. 500 Crore during 2021-22 to 2025-26.

The scheme has two components namely, Component A; "Working Capital Loan" and Component B: "Interest Subvention on Working Capital Loan". The component A will be kept under suspension during 2021-22.

Component A: "Working Capital Loan":

Funds available with NDDB to be used for providing soft loans for working capital to enable Cooperative Societies and Farmer Producer Organizations engaged in dairy activities to provide a stable market access to farmers.

Eligible Institutions:

Cooperative Societies and Farmer Producer Organizations (FPOs) engaged in dairy activities.

Component B: "Interest Subvention on Working Capital Loan":

"Interest Subvention on Working Capital Loan" with a total outlay of Rs. 203 Crore for supporting the milk cooperatives and milk producer companies institutions to overcome problems being faced due to COVID 19 has been approved by Government of India (GoI) for FY 2020-21. This component will continue during 2021-22 to 2025-26. This will be implemented by Department of Animal Husbandry and Dairying (DAHD), GoI through NDDB. Under this provision, 2% per annum interest subvention on secured/unsecured working capital loan shall be provided.

Eligible Institutions:

Producers' Owned Institutions such as Milk Federations, Milk unions, Farmer owned/ Milk Producer Companies.

9. Animal Husbandry Infrastructure Development Fund (AHIDF)

Eligible Entities (EEs):

- Farmer Producer Organisation (FPO).
- Private Companies.
- Individuals.
- Individual Entrepreneurs.
- Section 8 companies.
- Micro Small and Medium Enterprises.

Components being funded:

1. Dairy Processing and value added infrastructure.
2. Meat Processing and value added Infrastructure.
3. Establishment of Animal Feed Plants.
4. Breed Improvement Technology and Breed Multiplication Farms.

10. **Rashtriya Krishi Vikas Yojana (RKVY - RAFTAAR)**

An illustrative list of dairying related components being funded:

- Semen collection and Artificial Insemination (AI) Units/ Production centre.
- Breeding Farms.
- Dispensaries/ Hospitals for treatment of animals.
- Vaccine Production Unit.
- Diagnosis Labs, including Mobile Units.
- Animal Ambulance.
- Cold Chain for storing and transportation of frozen Semen.
- Tractor fitted with Fodder Block Machine.
- Carcass rendering Plant to collect the fallen animals for processing/utilization in scientific manner.
- Modernization of animal slaughter houses and markets for Livestock/ Livestock products.
- Establishment/ Strengthening of cold chain infrastructure for storage of veterinary biological.
- Establishment/ Strengthening of Check post/ Quarantine camps for restriction of animal movement, strengthening of animal disease reporting system.
- Milk Collection Centres and Infrastructure:
 - Purchase of milking machines (single/ double bucket).
 - Setting up of milk chilling/ bulk milk cooling centres (BMC) along with automatic milk collection units (AMC).
 - Setting up/ modernization/ strengthening of milk processing units Strengthening/ expansion of cold storage facility for milk and milk products.
 - Purchase of insulated/ refrigerated transport vehicles.
 - Setting up of milk parlor/ milk booth.
 - Strengthening of lab facility in milk chilling/ milk processing unit.
 - Establishment of cattle feed storage godown.
 - Establishment/ strengthening of cattle feed plant.
 - Establishment of cattle shed for milch animals.
 - Setting/ strengthening of ETP at milk chilling/ milk processing unit.

11. Formation and Promotion of Farmer Producer Organizations (FPOs)

Implementing Agencies:

Small Farmers Agribusiness Consortium (SFAC), National Cooperative Development Corporation (NCDC) and National Bank for Agricultural and Rural Development (NABARD) will serve as Implementing Agencies. In addition, to afore-stated three implementing agencies, if any State/ Union Territory is desirous to have its own implementing agency, they may approach DAC&FW with details about the State/ UT, its agency, activities and experience of the agency etc., and DAC & FW will consider the proposal on experiences and existing manpower required for formation and promotion of FPOs in the region. DAC&FW may, in due course, identify and assign other additional Implementing Agencies to cover various sectors and geographical locations to form 10,000 FPOs as per the need of the programme.

Activities to be undertaken:

- Formation of 10,000 FPOs, out of which at least 15% (i.e. 1,500 FPOs) in aspirational districts and at least one FPO in each block of aspirational districts in next 5 years.
- Formation and promotion of FPO is based on Produce Cluster Area with focus on “One District One Product” approach for development of product specialization.
- Financial support for FPO Formation & Incubation Cost including CBBOs Cost and Cost of Monitoring & Data Management/ MIS Portal along with management cost.
- Equity Grant from Government to strengthen financial base of FPOs and help them to get credit from financial institutions for their projects and working capital requirements for business development.
- Credit Guarantee Cover by NABARD to Eligible Lending Institution (ELI) to enable them to provide collateral free credit to FPOs by minimising their lending risks in respect of loans by NABARD.

12. Kisan Credit Card (KCC) for Animal Husbandry, Dairying and Fisheries Farmers

Eligible Institutions:

Fanners and Dairy farmers either individual or joint borrower, Joint Liability Groups or Self Help Groups including tenant farmers having owned/rented/leased sheds.

Funding Details:

The working capital components in Animal Husbandry, under the scale of finance, may include recurring cost towards feeding, veterinary aid, insurance of the milch animals, labour, water and electricity supply.

It provide short-term loans upto Rs. 2 Lakh to farmers. Under the scheme, it has been decided to provide interest subvention of 2% per annum and prompt payment additional interest subvention of 3% to farmers. Interest subvention is to be provided on a maximum limit of Rs. 2 Lakh short term loan to fanners involved in animal husbandry and fisheries. No collateral required up to Rs. 1.6 Lakh.

13. Production Linked Incentives Scheme for Food Processing Industry” (PLISFPI)

Eligible Entities (EEs):

Support under the scheme shall be provided only to the Applicants engaged in manufacturing of food products in India & sales of such products covered under the target Segments.

Components being funded:

- Incentivising manufacturing of four major food product segments viz. Ready to Cook/ Ready to Eat (RTC/ RTE) including millet-based foods, Processed Fruits & Vegetables, Marine Products & Mozzarella Cheese.
- Incentivising Innovative/ Organic products of SMEs across all the above four food product segments including Free Range - Eggs, Poultry Meat & Egg Products.
- Support for branding and marketing abroad to incentivise the emergence of strong Indian brands.

14. Pradhan Mantri Kisan SAMPADA Yojana Scheme for Agro - Marine Processing and Development of Agro - Processing Clusters

PM Kisan SAMPADA is an umbrella scheme incorporating following schemes:

1. Mega Food Parks
2. Integrated Cold Chain and Value Addition Infrastructure
3. Creation/Expansion of Food Processing & Preservation Capacities
4. Infrastructure for Agro-processing Clusters
5. Creation of Backward and Forward Linkages
6. Food Safety and Quality Assurance Infrastructure
7. Human Resources and Institutions

Eligible institutions and an illustrative list of components being funded under these schemes:

No.	Schemes	Implementing Agency	Components funded
1.	Mega Food Parks	Special Purpose Vehicle (SPV) registered under the Companies Act. However, State Govt & its entities and Cooperatives are not required to form a separate SPV.	Establishment of food processing industry backed by an efficient supply chain, which includes Collection Centres, Primary Processing Centres, Central Processing Centre & Cold Chain infrastructure.
2.	Integrated Cold Chain and Value Addition Infrastructure	Partnership/Proprietorship Firms, Companies, Corporations, Cooperatives, Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), NGOs, Central/State PSUs, etc.	A. Farm level infrastructure - Processing centre situated in the catchment area of the targeted produce. B. Distribution hub - This shall have a modern multi-product, multi-temperature cold storage C. Refrigerated vans/ refrigerated trucks/ insulated vans/mobile insulated tankers. D. Irradiation facility.
3.	Creation/ Expansion of Food Processing & Preservation Capacities	Central & State PSUs/ Joint Ventures/ FPOs/ NGOs/ Cooperatives/ SHG's/ Pvt. Ltd. Companies/ Limited Liability Partnerships, Corporate Entity, Proprietorship Firms, Partnership Firms	Creation/ expansion and/ or modernization of processing / preservation capacities along with transport and storage facilities etc.

No.	Schemes	Implementing Agency	Components funded
4.	Infrastructure for Agro-processing Clusters	Govt./ PSUs/ Joint Ventures /NGOs/ Cooperatives /SHGs/FPOs/ Private Sector/Partnership Firms/ individuals etc.	Basic enabling infrastructure like boundary wall, roads, water supply etc. Core infrastructure like testing laboratory, grading, sorting and packing facilities, cold storage, pre-cooling chambers, specialized packaging etc.
5.	Creation of Backward and Forward Linkages	Govt./ PSUs/ Joint Ventures/NGOs/ Cooperatives/SHGs/FPOs/ Public & Private Sector/Limited Liability Partnerships/Corporate entity/Proprietorship Firms/ Partnership Firms/ Entrepreneurs etc.	i. Processing Facilities at the farm level: facilities for weighing, cleaning, sorting, grading, packing, precooling, Cold Storage etc. ii. Distribution hub and retail outlets. iii. Mobile Pre-cooling trucks and reefer trucks.
6.	Food Safety and Quality Assurance Infrastructure	Central/State Govt & their organizations/ Govt universities (including deemed universities) private sector organizations/ universities.	i. Setting up or Up gradation of Food Testing Laboratory
		Central/State Govt. Undertakings/Organizations and Private Sector Firms	ii. Implementation of Food Safety and Quality Management System through HACCP/ISO 22000/ FSSC 22000/ BRC/ SQF or any other Global Food Safety Initiative (GFSI) approved certification scheme/ standard (w.e.f. 12.11.2018)
7.	Human Resources and Institutions	All Universities, IITs, Central/ State Government Institutions, Government Funded Organizations, R&D laboratories and CSIR recognized R&D Units in private sector.	i. Research & Development in Food Processing Sector
		Apex Industry Bodies like CII, FICCI, ASSOCHAM, PHDCCI, ICC, AIFPA etc., Central/State Governments, Autonomous Bodies and Public Sector Undertakings	ii. Seminar/ Workshops, Studies/ surveys, Exhibitions/ Fairs, Advertisements and Publicity.

15. Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM)

An illustrative list of components being funded under the mission is given below:

- i. Institutional Building & Capacity Building.
- ii. Financial Inclusion.
- iii. Livelihoods Promotion.
- iv. Social Inclusion & Development.
- v. Systems - Financial Management; Human Resources; Procurement; Monitoring Evaluation & Learning (MEL)/Management Information Systems (MIS); Knowledge Management & Communications; Governance & Accountability.
- vi. Convergence & Partnerships.

The details of the components being funded under the mission may be accessed from the NRLM Website: <http://www.aajeevika.gov.in/>.

Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying
(Dairy Division)

Krishi Bhawan, New Delhi-110001
Dated the 20th of January, 2022
21st

To

Principal Accounts Officer,
Ministry of Fisheries, Animal Husbandry and Dairying,
Department of Animal Husbandry and Dairying
16, Akbar Road Hutments,
New Delhi- 110011

Subject: Administrative Approval for implementation of Central Sector Scheme "Dairy Processing and Infrastructure Development Fund (DIDF)" during 2021-22-reg


Sir/ Madam,

The undersigned is directed to refer to this Department's OM No 02023/2/2017-CDD dated 21st December, 2017 conveying first administrative approval for Central Sector Scheme – **Dairy Processing and Infrastructure Development Fund (DIDF)** implementation during 2017-18 and subsequent addendums No.02023/2/2017-CDD for DIDF scheme for the financial year 2020-21 dated 01.05.2020, 14.07.2020 and 27.10.2020, **and to convey administrative approval for DIDF during 2021-22** with a total outlay of Rs 11,184 Crore, of which Rs 8004 crore shall be loan from National Bank for Agriculture and Rural Development (NABARD) to National Dairy Development Board (NDDB) and National Cooperative Development Corporation (NCDC) for End borrowers and also from the direct loan from NDDB, Rs 2001 crore shall be end borrowers contribution, Rs 12 crore would be NDDB/ NCDC's share during 2018-19 to 2022-23 and Rs 1167 crore shall be contributed by DAHD towards interest subvention on repayment for 10 years (2018-19 to 2030-31 with spill over to first quarter of 2031-32).

NABARD shall provide fund through NDDB and NCDC to End Borrowers. As per decisions of 8th Central Project Steering Committee (CPSC) held on 02.12.2021 and minutes of meeting issued vide letter No No 31-112019-DP (E-11215) dated 08.12.2021 NDDB has also been allowed for direct funding to the end borrowers (End Implementing Agencies) under the scheme from their own resources and to receive interest subvention 2.5% from DAHD through NABARD .

2. Objectives of the DIDF:

- i. To modernize the milk processing plants and machinery and to create additional infrastructure for processing milk.
- ii. To create additional milk processing capacity for increased value addition by producing dairy products.
- iii. To bring efficiency in dairy processing plants/producer owned and controlled dairy institutions, thereby enabling optimum value of milk to milk producer farmers and supply of quality milk to consumers.
- iv. To help the producer owned and controlled institutions to increase their share of milk, thereby providing greater opportunities of ownership, management and market access to rural milk producers in the organized milk market.
- v. To help the producer owned and controlled institutions to consolidate their position as dominant player in the organized liquid milk market and to make increased price realization to milk producers.


MADHUSUDANAN. V.K
Under Secretary
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D/o Animal Husbandry & Dairying
New Delhi - 110001

3. Components of DIDF

The broad investment activities eligible under DIDF are:

- i. Modernization & creation of new milk processing facilities
- ii. Manufacturing facilities for Value added Products
- iii. Milk Chilling infrastructure
- iv. Setting up electronic milk testing equipment
- v. Project Management and Learning
- vi. Cattle feed / feed supplement plants
- vii. Milk transportation system (Refrigerated van/insulated tankers etc)
- viii. Marketing infrastructure (including e-market system, bulk vending system, Parlour, deep freezer, cold storage etc
- ix. Commodity and Cattle feed go-downs
- x. ICT(e.g. block chain technology, servers, IT solutions, Near Real Time devices etc)
- xi. R&D (lab & equipment, new technology, innovations, product development etc)
- xii. Renewable energy infrastructure/ plants, trigren/ energy efficiency infrastructure. In all three cases, the energy generated or saved must be for the benefit of running cost of the existing plant/ BMC unit/ Milk collection unit etc.
- xiii. Pet bottle/packaging material manufacturing units for dairy purposes etc.
- xiv. Training centre (complete with civil and other necessary infrastructure)
- xv. Any other activity related to the dairy sector targeted to contribute to the objectives of DIDF and decided by Government of India in consultation with the stakeholders.

4. Eligible institutions

(i) The following institutions are eligible:

- a. Co-operative Milk Unions
- b. State Cooperative Dairy Federations
- c. Multi State Milk Cooperatives
- d. Milk Producer Companies
- e. NDDDB subsidiaries
- f. Farmer Producer Organisation (FPO)/ Self Help Group (SHG) registered under State Cooperative / Companies Act

(ii) Financial assistance under DIDF will be given to those eligible end borrowers (EEBs) who are making profit and is having positive net worth and willing to avail funds.

5. Source of fund

Source of fund: EEBs may opt for the source of fund from the following:

- i. NABARD shall raise fund from the financial markets in compliance with SEBI guidelines. The instrument appropriate for borrowing shall be decided by NABARD depending on the demand and shall pass through NDDDB and NCDC. The cost of fund to NABARD shall be the actual cost of borrowing by NABARD inclusive of interest, taxes, fees, charges, etc., plus fund management cost of 0.60% per annum. The interest rate on borrowings from market by NABARD shall vary from time to time depending upon rates prevailing at the time of raising funds.
- ii. In case of funding by NABARD; since interest subvention has been fixed at 2.5% and fund management cost of NABARD and NDDDB/NCDC sums upto 1.1%, the difference viz 1.4% shall be adjusted downward with interest rate at which NABARD borrow from market for arriving at loan disbursal rate of end borrower. In other words, the difference of the interest rate at which NABARD borrow from market and the interest rate at which NDDDB/NCDC to transfer to EEBs/EIAs shall be 1.4%. This will be effective from 11th September 2020.
- iii. NDDDB to extend loan from its own resources to EEB. The effective interest rate to the end borrower would be difference between prevailing SBI MCLR for 3 years plus fund management cost of 0.5% and that of interest subvention of 2.5% per annum as notified time to time through NABARD.


MADHUSUDANAN. V.K
Under Secretary
Govt. of India, M/o FAHD
D/o Animal Husbandry & Dairying
New Delhi - 110001

6. Cost of Fund to NABARD

DAHD would provide for interest subvention resulting from the difference of the interest rate at which NABARD borrow from market and the interest rate at which NDDDB/ NCDC to transfer to Eligible End Borrowers (EEB) shall be 1.4% w.e.f. 11.09.2020. In case any further increase in the cost of borrowing of fund by NABARD, the additional cost of fund will be borne by the End Borrowers.

7. Interest rates on loans by NABARD/ NDDDB: NABARD/ NDDDB shall endeavor to keep the cost of borrowing to the minimum. NABARD/ NDDDB shall devise their own strategy for borrowing so that it takes advantage of lower rate in the markets to provide low cost of funds to the Milk Unions. However, the applicable interest rate for the EEBs would be as per the option chosen by EEB for source of funds as illustrated in Para 5 above.

8. Other Terms and conditions:


- i. Projection or ceiling of fund on DIDF components to be removed so that loan is disbursed as per the requirement of the project,
- ii. The financial feasibility and viability i.e DSCR, debt-equity ratio, other financial ratios, mortgage, audit requirement, recovery etc to be decided by the NABARD and NDDDB in consonance with Acts and Rules of Government. However, they will ensure that such provisions do not pose hindrances to access loan by the farmer's organizations.
- iii. In case of sourcing of fund from NABARD; the eligible end borrowers (EEB)/ End implementing agencies (EIA) with adequate security and not requiring state guarantee may send proposals directly to NDDDB/NCDC without resorting to SPSRC.

9. Budget for interest subvention: There is budget provision (RE) of Rs 49 crore during the year 2021-22.

10. Implementation and Monitoring of Projects: The DIDF will be implemented and the projects under the scheme will be approved & monitored by the Committees at various levels as detailed in **Annexure** for ready reference. The EEBs /EIAs are to prepare detailed project report (DPR) and submit the same as per the guidelines.

11. This administrative approval is issued with approval of Additional Secretary (CDD) vide Dy No. **E-5422** dated 19.01.2022.

Yours Sincerely


(Madhusudan V.K.)
Under Secretary to the Govt. of India
D/o Animal Husbandry & Dairying
New Delhi - 110001

Distribution:

1. The Pay & Accounts Officer, PAO (Sectt)-I, Ministry of Agriculture and Farmers Welfare, Department of Animal Husbandry and Dairying, Room No.35, Krishi Bhawan, New Delhi
2. The Accountant General, Commerce, Works and Miscellaneous, AGCR Building, Near ITO, New Delhi-110002.
3. Chief Controller of Accounts, Department of Agriculture and Cooperation, Krishi Bhavan, New Delhi.
4. Advisor (Agriculture), NITI AAYOG, New Delhi.
5. Additional Secretary & Financial Advisor, Department of Animal Husbandry and Dairying, Krishi Bhavan, New Delhi.

6. Joint Secretary (PF-II), Ministry of Finance, Department of Expenditure, North Block, New Delhi.
7. Joint Secretary, Ministry of Finance, Department of Economic Affairs, Banking Operation and Administration Division, Room No.6, 3rd Floor, Jeevan Deep Building, Parliament Street, New Delhi.
8. Chairman, NDDB, P.B.No.40, Anand 388001.
9. Chairman, NABARD, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051
10. Managing Director, NCDC, 4 Siri Institutional Area, Hauz Khas, New Delhi 110016.
11. Chief General Manager, Business Initiatives Department, NABARD, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051
12. All State Governments, Department of Animal Husbandry and Dairying
13. All MD, Milk Federation, States/ UTs
14. Technical Director, NIC (With a request to Include the Administrative approval in website of the Department)

Copy for information:

15. PS to Hon'ble Fisheries, Animal Husbandry and Dairying
16. PS to Hon'ble Minister of State for Fisheries, Animal Husbandry and Dairying
17. PPS to Secretary (AHD)
18. PPS to AHC/ PS to JS (C&DD)/ Dir (Budget)



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Implementation and Monitoring Mechanism

Projects under the scheme will be approved and monitored by the committees, to be set up as indicated below:

1. **Central Project Steering Committee (CPSC):** CPSC will be headed by Secretary, DAHD, Government of India and will provide policy and strategic support.

- 1.1 **Constitution of CPSC**

Members of CPSC will be:

- i. Secretary, DAHD, GoI - Chairperson of the Committee
- ii. Chairperson, NABARD or his nominee not below the rank of Deputy Managing Director
- iii. Chairperson, NDDDB or his nominee not below the rank of Executive Director
- iv. Managing Director/Deputy Managing Director, NCDC
- v. Additional Secretary & Financial Advisor, DAHD, GoI
- vi. Joint Secretary (Dairy Development), DAHD, GoI
- vii. Managing Director/ Executive Director, NDDDB
- viii. Executive Director, NCDC
- ix. Group Head (FPS), NDDDB/ Financial Advisor, NCDC
- x. Director, DAHD, GoI – Member Convener
- xi. State Principal Secretary/ Secretary, Department of Animal Husbandry of all DIF States & Tripura (NE)

- 1.2 **Functions of CPSC:**

- i. CPSC will be responsible for approval / modification of operational guidelines of the DIF scheme.
- ii. Annual Action Plans, as finalized by NDDDB and NCDC will be approved by CPSC. Final annual fund drawal plan shall be approved by CPSC.
- iii. CPSC shall be empowered to decide the composition of CPSC & Project Sanctioning Committee (PSC) of NDDDB/NCDC.
- iv. iCPSC will be empowered to invite external experts from the field of animal husbandry and dairy sector as a member of CPSC.
- v. The CPSC will be fully empowered to make any changes and delegate powers that may be necessary for smooth implementation of the scheme and its sub-projects.
- vi. CPSC would meet twice a year, or as frequently as may be required, and provide policy and strategic support to the project.
- vii. Overall monitoring of the scheme will be done by DAHD at central level whereas at individual project level NDDDB and NCDC will implement & monitor their respective projects centrally.


2. **State Project Screening and Review Committee (SPSRC):**

State Government will constitute a SPSRC headed by Chief Secretary or an Officer not below the rank of Principal Secretary / Secretary (Department of Animal Husbandry) to the State Government nominated by the State Government for screening of the projects.

- 2.1 **Constitution of SPSRC:**

Members of SPSRC would be:

- i. Chief Secretary or an Officer not below the rank of Principal Secretary / Secretary (Department of Animal Husbandry) to State Government nominated by the State Government – Chairperson of the Committee
- ii. The CGM/ Officer In charge of the State Regional office of NABARD or his nominee
- iii. Representative from Department of Finance of the State Government
- iv. Managing Director, State Dairy Federation


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- v. Representative from NDDB / NCDC – Member Convener
- vi. Representative from DAHD, GoI
- vii. Representative from Animal husbandry/ Dairy Development Department of the State Government

2.2 Functions of SPSRC

Functions of SPSRC shall be as under:

- i. SPSRC shall screen the proposals presented before itself by NDDB/NCDC and recommend to NDDB/NCDC for sanction. NDDB/NCDC shall apprise SPSRC of every project proposal which they have received along with the findings.
- ii. If NDDB/NCDC in order to secure its loan recommends guarantee from state government on behalf of eligible end borrower, SPSRC shall arrange commitment letter from state government for providing the guarantee on behalf of eligible end borrower. SPSRC shall ensure that state government waives the guarantee fee, if any.
- iii. If NDDB/ NCDC recommends margin contribution by state government on behalf of eligible end borrowers who do not possess adequate capacity to contribute towards the margin, SPSRC shall ensure issuance of commitment letter from state government for offering necessary grant components to cover the eligible end borrowers contribution.
- iv. SPSRC shall facilitate the statutory clearance for all projects from state government.
- v. SPSRC shall ensure that there is no duplication of activities, efforts and resources.
- vi. SPSRC will review the progress of the DIDF projects supported by State Guarantee at the state level and monitor as well as review repayment of loans, etc., taken by eligible end borrowers in a timely manner. Necessary guidance and directions shall also be issued by CPSC from time to time in this regard.
- vii. SPSRC shall ensure that sufficient budgetary allocation is made under the State Plan Budget annually and at the time of formulation of sub-project proposals, in order to meet margin contribution and exigencies in case of default by EEB for repayment of outstanding loan amount to NDDB/NCDC.

3. Project Sanctioning Committee (PSC):

Two PSCs will be set up. One by NDDB and another by NCDC

3.1. PSC of NDDB: PSC of NDDB will be headed by Managing Director/Executive Director of the implementing agencies NDDB with the following members:

- i. Managing Director/ Executive Director, NDDB -Chairperson of the Committee
- ii. Representative from DAHD, GoI
- iii. Representative from NABARD (for projects funded from NABARD)
- iv. Group Head (FPS), NDDB– Member Convener
- v. Representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.

3.2. PSC of NCDC: PSC of NCDC will be headed by Managing Director/Deputy Managing Director of the implementing agency (NCDC) with the following members:

- i. Managing Director/ Deputy Managing Director, NCDC –Chairperson of the Committee
- ii. Representative from DAHD, GoI
- iii. Representative from NABARD
- iv. Executive Director, NCDC
- v. Financial Advisor, NCDC– Member Convener
- vi. Representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.

3.3 Functions of Project Sanctioning Committee (PSC):

- i. The PSCs will have the authority to firstly approve and then recommend to NABARD projects recommended by respective State Project Screening and Review Committee (SPSRC).

✓
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Under Secretary
Govt. of India, M/o FAHD
D/o Animal Husbandry & Dairying
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- ii. PSC will be responsible for consideration of proposals received from eligible end borrowers and recommended by SPSRC.
- iii. The PSC will meet quarterly or as frequently as necessary to ensure that proposals received from eligible end borrowers are considered expeditiously.
- iv. PSC will have the power to authorize re-appropriation of funds within project components for the same eligible end borrower; and to change norms/unit cost of component/items of the project as per guidelines issued by Government from time to time.
- v. PSC shall approve projects and recommend them to NABARD for consideration of sanction by NABARD. NDDDB/ NCDC shall issue sanction letters only to those projects which have been cleared by NABARD. In case of non approval by NABARD, PSC shall be apprised of the decision along with reasons thereof, in the next meeting.
- vi. In case of project being rejected by PSC, NDDDB/NCDC shall apprise SPSRC about it along with the reasons.


4. Appraisal by NDDDB/ NCDC

- i. Eligible end borrower shall approach NDDDB/NCDC with project proposal. NDDDB/NCDC shall assist eligible end borrower in preparation of detailed project report (DPR) if required.
- ii. NDDDB/NCDC shall undertake the detailed appraisal including the financial analysis of the borrower.
- iii. During appraisal process NDDDB/NCDC shall examine the security/collaterals offered by eligible end borrower.
- iv. After the appraisal process is complete, NDDDB/ NCDC shall convene SPSRC/ PSC whichever is applicable.

5. NDDDB and NCDC being implementing agencies shall constitute Implementation and Monitoring Cell (IMC) for the purpose of implementation of dairy projects sanctioned by the respective agencies. IMC will be supported by various Technical Groups within NDDDB/ NCDC during implementation of the project. IMC will do financial appraisal of the eligible end borrowers' proposals received through State Government based on technical feasibility carried out by respective technical groups of NDDDB/ NCDC.

NDDDB/ NCDC shall consult eligible end borrowers to generate Detailed Project Report (DPRs), to appraise and to get it recommended by SPSRC/ PSC as the case may be.

End of Annexure


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D/o Animal Husbandry & Dairying
New Delhi - 110001

F.No. M. 02023/2/2017-CDD
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying
(Dairy Division)

Krishi Bhawan, New Delhi
Dated: 1st May 2020

ADDENDUM

To

Principal Accounts Officer,
Ministry of Fisheries, Animal husbandry and Dairying
Department of Animal Husbandry and Dairying
3rd Floor, Jeevan Tara Building,
Parliament Street, New Delhi-110001

Subject: Revised Operational Guidelines of Central Sector Scheme "Dairy Processing and infrastructure Development Fund (DIDF)" for 2020-2021-reg.

In continuation to the Administrative Approval and Operational Guidelines issued by this Department vide letter of even number dated 9th April 2020 for implementation of Dairy Processing and Infrastructure Development Fund (DIDF) during 2020-21 for ongoing approved projects in view of Covid-19, the undersigned is directed to enclose herewith the revised Operational Guidelines for the DIDF scheme.

As per the decision of 4th Central Project Sanctioning Committee (CPSC) meeting held on 6th March 2020 and reference to NABARD letter No. NB.BID.HO/33/DISF-74/2020-2021 dated 27th April 2020, the Para 4 (iii) Para 3.2 (iv) and Para 1 (xiii) of Annexure II of the operational guidelines has been revised and to be read as follows:

Reference	Existing Paragraph	To be read as
Para 4 (iii) of page 3 of operational Guidelines	Financial assistance under DIDF will be given to those EEBs who are financially viable (Net worth positive and with accumulated profit etc.) and willing to avail funds as also fulfill the Eligibility Criteria at Annexure II.	<i>Financial assistance under DIDF will be given to those EEBs who are making profit and is having positive net worth and willing to avail funds and also fulfil the Eligibility Criteria at Annexure II'</i>
Para 3.2 (iv) of Annexure II	The borrower should have positive net worth.	<i>The Department will start the project initially with 39 profit making milk unions. However, the proposal will enable assistance to other Milk Cooperatives also which become eligible on the basis of their net worth and profit levels, in subsequent years, to apply</i>


DEEPAK SETHI
Under Secretary
DAHD

DEEPAK SETHI

		for loan under DIDF. The list of eligible beneficiaries under the corpus should be revised every year after proper scrutiny. (As recommended by EFC in its meeting dated 09.05.2017)
Para 1 (xiii) of Annexure II	In case of project proposals of milk unions operating in multiple states and of registered Multi-State Cooperative Societies, Producer Companies and NDDB Subsidiaries, routing through concerned State SPSRCs may be relaxed subject to following conditions:	<p>In case of project proposals of milk unions operating in multiple states and of registered Multi-State Cooperative Societies, Producer Companies and NDDB Subsidiaries, routing through concerned State SPSRCs may be relaxed subject to following conditions:</p> <p>i. For all such cases NDDB/NCDC shall process loan applications/proposals and make assessment of collateral security in consultation with NABARD on case to case basis.</p> <p>ii. All such proposals may be considered by Project Sanctioning Committee of NDDB/NCDC for appraisal and sanction. Thereafter, such proposals shall be referred to NABARD for sanction of loan component.</p> <p>iii. NDDB/NCDC shall take collateral security from concerned End Borrower as per satisfaction of NABARD.</p>

This is issued vide dairy No 5422 JS(CDD) dated 01.05.2020.


(Deepak Sethi)

Under Secretary to Government of India

DEEPAK SETHI
Under Secretary

Distribution:

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2. The Accountant General, Commerce, Works and Miscellaneous, AGCR Building, Near ITO, New Delhi-110002.
3. Chief Controller of Accounts, Department of Agriculture and Cooperation, Krishi Bhawan, New Delhi.

4. Advisor (Agriculture), NITI AAYOG, New Delhi.
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7. Joint Secretary, Ministry of Finance, Department of Economic Affairs, Banking Operation and Administration Division, Room No.6, 3rd Floor, Jeevan Deep Building, Parliament Street, New Delhi.
8. Chairman, NDDDB, P.B.No.40, Anand 388001.
9. Chairman, NABARD, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051
10. Managing Director, NCDC, 4 Siri Institutional Area, HauzKhas, New Delhi 110016.
11. Chief General Manager, Business Initiatives Department, NABARD, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051
12. All State Governments, Department of Animal Husbandry and Dairying
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14. Technical Director, NIC (With a request to Include the Administrative approval in website of the Department)

Copy for information to:

15. PS to Hon'ble Fisheries, Animal Husbandry and Dairying
16. PS to Hon'ble Minister of State for Fisheries, Animal Husbandry and Dairying
17. PPS to Secretary (AHD)
18. PPS to AS & FA
19. PPS to AHC
20. PS to JS (C&DD)/ PS to JS(NLM)/PS to JS(LH)/JS(Fy)
21. Dir (DD)/Dir (Budget)/DC(DD)/US (Fin)/ AC (DD)/ AO(Budget)


DEEPAK SETHI
 Under Secretary
 DAHD

Government of India

Department of Animal Husbandry and Dairying

(Ministry of Fisheries, Animal Husbandry and Dairying)

Operational Guidelines

Of

Dairy Processing and Infrastructure Development Fund (DIDF)

April, 2020

Page 1 of 20



DEEPAK SETHI
Under Secretary
DAHD

Operational Guidelines

1. Union Budget announcement

The Union Finance Minister made the following announcement in the Union Budget for 2017-18:

"Dairy is an important source of additional income for the farmers. Availability of milk processing facility and other infrastructure will benefit the farmers through value addition. A large number of milk processing units set up under the Operation Flood Programme have since become old and obsolete. A Dairy Processing and Infrastructure Development Fund would be set up in NABARD with a corpus of Rs 8000 crores over 3 years.

The Union Cabinet on 12.09.2017 accordingly approved setting up the fund of Rs. 8004 crore titled 'DIDF' in NABARD with total financial outlay of Rs. 10881 crore for the project comprising (i) Rs. 8004 crore to be raised by NABARD from market. (ii) Rs. 2001 crore to be contributed by Eligible End Borrowers (EEBs) towards margin (iii) Rs. 12 crore to be contributed by NDDDB / NCDC on pro rata basis towards Project Management and Learning and (iv) Interest Subvention of Rs. 864 crore to be provided to NABARD by Department of Animal Husbandry and Dairying (DAHD), Ministry of Fisheries, animal Husbandry and Dairying Government of India, through budgetary support from Government of India.

Government of India on 19.02.2020 has approved revision of interest subvention from "upto 2% p.a." to "upto 2.5% p.a." (a maximum of Rs. 1167 crore), resultantly the total financial outlay amounts to a maximum of Rs. 11184 crore.

These Operational Guidelines are framed to operationalize the Dairy Processing and Infrastructure Development Fund (DIDF) setup in NABARD. The five annexures appended to these Operational Guidelines shall be read as part and parcel of these Operational Guidelines.

2. Objectives of the DIDF

- i. To modernize the milk processing plants and machinery and to create additional infrastructure for processing more milk.
- ii. To create additional milk processing capacity for increased value addition by producing more dairy products.
- iii. To bring efficiency in dairy processing plants/producer owned and controlled dairy institutions, thereby enabling optimum value of milk to milk producer farmers and supply of quality milk to consumers.
- iv. To help the producer owned and controlled institutions to increase their share of milk, thereby providing greater opportunities of ownership, management and market access to rural milk producers in the organized milk market.

DEEPAK SETHI
Under Secretary
DAHD

- v. To help the producer owned and controlled institutions to consolidate their position as dominant player in the organised liquid milk market and to make increased price realization to milk producers.

3. Components of DIDF

The broad investment activities eligible under DIDF are:

- i. Modernization & creation of new milk processing facilities
- ii. Manufacturing facilities for Value added Products
- iii. Milk Chilling infrastructure
- iv. Setting up electronic milk testing equipment
- v. Project Management and Learning
- vi. Any other activity related to the dairy sector targeted to contribute to the objectives of DIDF and decided by Government of India in consultation with the stakeholders.

4. Eligible End Borrower (EEB)

(i) The following institutions will be eligible for loans as Eligible End Borrower under DIDF by NDDDB/NCDC:

- Co-operative Milk Unions
- State Cooperative Dairy Federations
- Multi State Milk Cooperatives
- Milk Producer Companies
- NDDDB subsidiaries

(ii) These eligible institutions will be the Eligible End Borrowers.

(iii) Financial assistance under DIDF will be given to those EEBs who are financially viable and willing to avail funds as also fulfill the Eligibility Criteria at Annexure II.

5. Source of fund

NABARD shall raise fund from the financial markets in compliance with SEBI guidelines during the period from 2018-19 to 2022-23. NABARD may use pooled fund sourced through previous borrowings to keep the cost of borrowing to the minimum. However, cost of such pooled borrowings shall be benchmarked with the average cost of funds raised earlier. Method of calculation of such average cost of funds (previously borrowed fund) may be furnished to this Department. The instrument appropriate for borrowing shall be decided by NABARD depending on the demand.#

As per corrigendum no. 02023/2/2017-CDD dated 14.02.2019


DEEPAK SETHI
Under Secretary

6. Cost of Fund to NABARD

The cost of fund to NABARD shall be the actual cost of borrowing by NABARD inclusive of interest, taxes, fees, charges, etc., plus fund management cost of 0.60% per annum. The interest rate on borrowings from market by NABARD shall vary from time to time depending upon rates prevailing at the time of raising funds. NABARD shall endeavor to keep the cost of borrowing to the minimum and ensure that interest subvention does not exceed 2.5% in order that the loan is provided to the eligible end borrower at 6.5% per annum. However, in future, in case there is any increase in the costs of funds for NABARD, it shall be borne by the end borrowers. (Para 9.1 of CCEA Note dated 27th January 2020).

7. Interest rates on loans by NABARD to NDDB/NCDC and to Eligible End Borrower

NABARD shall extend loans to NDDB and NCDC at rate of interest of 6% per annum repayable at quarterly rests. The interest rate to the Eligible End Borrower shall be at rate of interest of 6.5 % per annum to be charged by NDDB/NCDC.

8. Payment of Interest subvention to NABARD

- i. The GOI shall pay the interest subvention amount to NABARD till due outstanding loan and interest are fully paid off. The interest subvention shall be the difference between (a) costs of borrowing by NABARD (inclusive of interest, taxes, fees, charges, etc.) plus fund management cost of 0.6% per annum, and (b) the rate of interest charged on loans to NDDB/NCDC by NABARD.
- ii. GOI shall make adequate annual Budget provision for interest subvention to NABARD for 12 years covering the entire repayment period of loan by the eligible end borrowers under DIDF i.e. from 2018-19 to 2030-31 spill over to first qtr of 2031-32 based on annual plan submitted by NABARD. In case, the repayment is extended beyond 2030-31, budgetary support shall be provided for the extended period also.#
- iii. NABARD will submit claim of interest subvention requirement every quarter based on drawal applications submitted by NDDB/ NCDC. The DAHD will release the interest subvention amount within 30 days of receipt of claim from NABARD.
- iv. In the event of delayed release of interest subvention by DAHD, it shall suitably compensate NABARD as per the cost of borrowings by NABARD.

As per corrigendum no. 02023/2/2017-CDD dated 14.02.2019



DEEPAK SETHI
Under Secretary
DAHD

9. Security for NABARD

- i. All securities including state government guarantee, book debts and receivables etc., taken by NDDDB/ NCDC from eligible end borrowers under DIDF shall be held in trust by NDDDB/ NCDC on behalf of NABARD and shall be assigned to NABARD as and when demanded by NABARD. NDDDB/NCDC shall obtain consent from eligible end borrower and the state government for assigning securities in favour NABARD.
- ii. The book debts and receivables of NDDDB/NCDC under DIDF shall be held in trust by NDDDB/NCDC on behalf of NABARD and shall be assigned to NABARD as and when demanded by NABARD.
- iii. NDDDB/NCDC may maintain Debt Service reserve Account (DSRA) with minimum balance equal to two quarters dues towards interest and principal installments. NDDDB/NCDC may maintain minimum balance in DSRA in the form of fixed deposits or bank guarantee.
- iv. NDDDB/NCDC shall execute a Demand Promissory Note in favour of NABARD for each loan disbursement separately.

10. Repayment of principal and interest by NDDDB/NCDC to NABARD

- i. Each loan drawal will be treated as separate loan with a maximum tenure of 10 years including two year moratorium period on repayment of principal. Interest accrued on outstanding loan amount will be serviced during the moratorium period also.
- ii. Interest /principal installment shall be paid to NABARD at quarterly rest.
- iii. Other terms and conditions of repayment have been specified in Annexure III.

11. Default in repayment by NDDDB/NCDC to NABARD

- i. If NDDDB/NCDC fails to pay interest installment of principal on the respective due date(s), it shall be liable to pay 1% penal interest on the amount due in addition to applicable rate of interest for the period of delay. Period of delay shall be counted from the due date. Interest shall accrue and will be payable until the actual receipt of the amount by NABARD.
- ii. Other terms and conditions governing penalty in case of default have been specified in Annexure III.

12. Prepayment Charges

NDDDB/NCDC shall be liable to pay pre-payment charges to NABARD in the event of advance repayment of loan i.e. before due date in a manner as specified in Annexure III.



DEEPAK SETHI
Under Secretary
DAHD

Page 5 of 20

13. Monitoring of Projects

- i. The projects under the scheme will be approved and monitored by the Committees at various levels as detailed in Annexure I.
- ii. NABARD, at its own discretion, shall have the right to undertake/ cause to undertake monitoring of projects.

14. NABARD shall undertake independent appraisal and

- i. NABARD shall have the right to seek any project related information from NDDDB/ NCDC.
- ii. NABARD may demand NDDDB/NCDC to make a presentation of project proposal before the appropriate committee.
- iii. NABARD may advise NDDDB/ NCDC to arrange for additional security from eligible end borrower.

15. These operational guidelines and Annexures form part of the Memorandum of Agreement.

End of Operational Guidelines



DEEPAK SETHI
Under Secretary
DAHD

DEEPAK SETHI
Under Secretary
DAHD

Implementation and Monitoring Mechanism

Projects under the scheme will be approved and monitored by the committees, to be set up as indicated below:

1. **Central Project Steering Committee (CPSC):** CPSC will be headed by Secretary, DAHD, Government of India and will provide policy and strategic support.

1.1 Constitution of CPSC

Members of CPSC will be:

- i. Secretary, DAHD, GoI - Chairperson of the Committee
- ii. Chairperson, NABARD or his nominee not below the rank of Deputy Managing Director
- iii. Chairperson, NDDB or his nominee not below the rank of Executive Director
- iv. Managing Director/Deputy Managing Director, NCDC
- v. Additional Secretary & Financial Advisor, DAHD, GoI
- vi. Joint Secretary (Dairy Development), DAHD, Government of India
- vii. Managing Director/ Executive Director, NDDB
- viii. Executive Director, NCDC
- ix. Group Head (FPS), NDDB/ Financial Advisor, NCDC
- x. Director, DAHD, GoI – Member Convener

1.2 Functions of CPSC:

- i. CPSC will be responsible for approval / modification of operational guidelines of the D IDF scheme.
- ii. Annual Action Plans, as finalized by NDDB and NCDC will be approved by CPSC. Final annual fund drawal plan shall be approved by CPSC.
- iii. CPSC shall be empowered to decide the composition of CPSC & Project Sanctioning Committee (PSC) of NDDB/NCDC.
- iv. CPSC will be empowered to invite external experts from the field of animal husbandry and dairy sector as a member of CPSC.
- v. The CPSC will be fully empowered to make any changes and delegate powers that may be necessary for smooth implementation of the scheme and its sub-projects.



- vi. CPSC would meet twice a year, or as frequently as may be required, and provide policy and strategic support to the project.
- vii. Overall monitoring of the scheme will be done by DAHD at central level whereas at individual project level NDDDB and NCDC will implement & monitor their respective projects centrally.

2. State Project Screening and Review Committee (SPSRC):

State Government will constitute a SPSRC headed by Chief Secretary or an Officer not below the rank of Principal Secretary / Secretary (Department of Animal Husbandry) to the State Government nominated by the State Government for screening of the projects.

2.1 Constitution of SPSRC:

Members of SPSRC would be:

- i. Chief Secretary or an Officer not below the rank of Principal Secretary / Secretary (Department of Animal Husbandry) to State Government nominated by the State Government – Chairperson of the Committee
- ii. The CGM/ Officer In charge of the State Regional office of NABARD or his nominee
- iii. Representative from Department of Finance of the State Government
- iv. Managing Director, State Dairy Federation
- v. Representative from NDDDB / NCDC – Member Convener
- vi. Representative from DAHD, GoI
- vii. Representative from Animal husbandry / Dairy Development Department of the State Government

2.2 Functions of SPSRC

Functions of SPSRC shall be as under:

- i. SPSRC shall screen the proposals presented before itself by NDDDB/NCDC and recommend to NDDDB/NCDC for sanction. NDDDB/NCDC shall apprise SPSRC of every project proposal which they have received along with the findings.
- ii. If NDDDB/NCDC in order to secure its loan recommends guarantee from state government on behalf of eligible end borrower, SPSRC shall arrange commitment letter from state government for providing the guarantee on behalf of eligible end borrower. SPSRC shall ensure that state government waives the guarantee fee, if any.

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- iii. If NDDDB/ NCDC recommends margin contribution by state government on behalf of eligible end borrowers who do not possess adequate capacity to contribute towards the margin, SPSRC shall ensure issuance of commitment letter from state government for offering necessary grant components to cover the eligible end borrowers contribution.
- iv. SPSRC shall facilitate the statutory clearance from state government, if any.
- v. SPSRC shall ensure that there is no duplication of activities, efforts and resources.
- vi. SPSRC will review the progress of the DIDF supported projects at the state level and monitor as well as review repayment of loans, etc., taken by eligible end borrowers in a timely manner. Necessary guidance and directions shall also be issued by CPSC from time to time in this regard.
- vii. SPSRC shall ensure that sufficient budgetary allocation is made under the State Plan Budget annually and at the time of formulation of sub-project proposals, in order to meet margin contribution and exigencies in case of default by eligible end borrower for repayment of outstanding loan amount to NDDDB/NCDC.

3. **Project Sanctioning Committee (PSC):**

Two PSCs will be set up. One by NDDDB and another by NCDC.

3.1. **PSC of NDDDB:** PSC of NDDDB will be headed by Managing Director/Executive Director of the implementing agencies NDDDB with the following members:

- i. Managing Director / Executive Director, NDDDB -Chairperson of the Committee
- ii. Representative from DAHD, Gol
- iii. Group Head (FPS), NDDDB– Member Convener
- iv. Representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.

3.2. **PSC of NCDC:** PSC of NCDC will be headed by Managing Director/Deputy Managing Director of the implementing agency (NCDC) with the following members:

- i. Managing Director /Deputy Managing Director, NCDC –Chairperson of the Committee
- ii. Representative from DAHD, Gol
- iii. Executive Director, NCDC

- iv. Financial Advisor, NCDC– Member Convener
- v. Representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.

3.3 Functions of Project Sanctioning Committee (PSC):

- i. The PSCs will have the authority to firstly approve and then recommend to NABARD projects recommended by respective State Project Screening and Review Committee (SPSRC).
- ii. PSC will be responsible for consideration of proposals received from eligible end borrowers and recommended by SPSRC.
- iii. The PSC will meet quarterly or as frequently as necessary to ensure that proposals received from eligible end borrowers are considered expeditiously.
- iv. PSC will have the power to authorize re-appropriation of funds within project components for the same eligible end borrower; and to change norms/unit cost of component/items of the project as per guidelines issued by Government from time to time.
- v. PSC shall approve projects and recommend them to NABARD for consideration of sanction by NABARD. NDDB/ NCDC shall issue sanction letters only to those projects which have been cleared by NABARD. In case of non approval by NABARD, PSC shall be apprised of the decision along with reasons thereof, in the next meeting.
- vi. In case of project being rejected by PSC, NDDB/NCDC shall apprise SPSRC about it along with the reasons.

4. Appraisal by NDDB/ NCDC

- i. Eligible end borrower shall approach NDDB/NCDC with project proposal. NDDB/NCDC shall assist eligible end borrower in preparation of detailed project report (DPR) if required.
- ii. NDDB/NCDC shall undertake the detailed appraisal including the financial analysis of the borrower.
- iii. During appraisal process NDDB/NCDC shall examine the security/collaterals offered by eligible end borrower.
- iv. NDDB/ NCDC shall lend against state government guarantee as per

Annexure II.

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- v. During appraisal NDDB/ NCDC shall also look into margin contribution to be provided by eligible end borrower, as stipulated in Annexure II.
- vi. After the appraisal process is complete, NDDB/ NCDC shall convene SPSRC.

5. NDDB and NCDC being implementing agencies shall constitute Implementation and Monitoring Cell (IMC) for the purpose of implementation of dairy projects sanctioned by the respective agencies. IMC will be supported by various Technical Groups within NDDB/NCDC during implementation of the project. IMC will do financial appraisal of the eligible end borrowers' proposals received through State Government based on technical feasibility carried out by respective technical groups of NDDB / NCDC.

NDDB/NCDC shall consult eligible end borrowers to generate Detailed Project Report (DPRs), to appraise and to get it recommended by State Project Steering and Review Committee.

End of Annexure I



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Annexure II

Terms and conditions for Lending by NDDB/NCDC and repayment by Eligible End Borrower

1 Lending Terms by NDDB/NCDC to Eligible End Borrower

The terms of lending to Eligible End Borrowers based on the following broad terms:

- i. The selection of projects shall be decided by the NDDB/NCDC keeping in overall objectives, eligible activities and eligible beneficiaries approved under the fund.
- ii. NDDB/NCDC shall lend against state government guarantee except as mentioned at para 1 of sub para (xii) and (xiii) of annexure II. SPSRC shall secure the commitment letter from State Government for providing guarantee on behalf of eligible end borrower.*
- iii. NDDB/NCDC shall lend against margin contribution from eligible end borrower. Eligible end borrower shall contribute minimum 20% of project cost. In case eligible end borrower does not possess adequate capacity to contribute towards the margin, SPSRC shall secure commitment letter from state government for providing margin contribution on behalf of eligible end borrower.
- iv. The interest rate to eligible end borrower shall be 6.5% per annum to be charged by NDDB/NCDC. Interest/Principal shall be payable monthly by eligible end borrower to NDDB/NCDC.
- v. NDDB/NCDC shall ensure DSRA is created immediately after the fund is disbursed from NDDB/NCDC to eligible end borrower. Eligible end borrower shall maintain Debt Service Reserve Account (DSRA) covering minimum of 2 quarter interest and principal installment.
- vi. The implementing agency, i.e. NDDB/NCDC will prescribe the targets in efficiency and output parameters, to each of the borrower, which they have to achieve with the loan provided.

*as per addendum no. 02023/2/2017-CDD dated 14.03.2018.

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- vii. The tenor of the loan to the eligible end borrower under the fund shall be maximum 10 years including two years moratorium. However, NDDDB/NCDC may decide upon the actual repayment based on the type of investment and projected cash flows and securities thereof.
- viii. A bilateral agreement shall be signed between NDDDB/NCDC, and Eligible End Borrower.
- ix. NDDDB/ NCDC shall have a clause in its loan agreement with eligible end borrower that "Eligible end Borrower gives consent /causes to give consent for assigning the securities, which were offered by it to NDDDB/NCDC under DIDF, in favour of NABARD."
- x. NDDDB/ NCDC shall ensure incorporation of a provision in the State Government guarantee to the effect that the state government shall have no objection for assignment of the guarantee to third party by NDDDB/NCDC.
- xi. NDDDB/NCDC shall ensure that borrower compulsorily signs transparency covenant for all suppliers/contractors.
- xii. **Relaxation of State Government Guarantee in the cases where the eligible End Borrower has sufficient collateral securities.** The condition of requirement of State guarantee is relaxed for project where Eligible End Borrower's have sufficient collateral security, subject to the condition that such proposal of NDDDB/NCDC shall be examined in consultation with NABARD for approval on case to case basis.*
- xiii. **Routing the project proposal of Producer Companies, Multi State Milk Cooperatives and NDDDB Subsidiaries directly through NDDDB (not through SPSRC), since, they are registered under Central Act. In this case, the loan will be secured only through the collateral securities.**

[-----section revised-----]#

In case of project proposals of milk unions operating in multiple states and of registered Multi-State Cooperative Societies, Producer Companies and NDDDB Subsidiaries, routing through concerned State SPSRCs may be relaxed subject to following conditions:

*as per addendum number 02023/2/2017-CDD dated 14.03.2018

As per corrigendum no. 02023/2/2017-CDD dated 14.02.2019



- i. For all such cases NDDB/NCDC shall process loan applications/proposals and make assessment of collateral security in consultation with NABARD on case to case basis.
- ii. All such proposals may be considered by Project Sanctioning Committee of NDDB/NCDC for appraisal and sanction. Thereafter, such proposals shall be referred to NABARD for sanction of loan component.
- iii. NDDB/NCDC shall take collateral security from concerned End Borrower as per satisfaction of NABARD. #

2. Repayment of principal and interest by Eligible End Borrower to NDDB/NCDC

- iv. The tenor of the loan to the eligible end borrower under the fund shall be maximum 10 years including two years moratorium. However, NDDB/NCDC may decide upon the actual repayment period/ revision of previously approved repayment period based on the type of investment and projected cash flows and securities thereof. The total repayment period including extension if any shall not exceed 10 years inclusive of moratorium.
- v. Interest shall be payable at monthly intervals. Interest shall be calculated on daily product basis without compounding and interest amount so calculated shall be payable on 1st day of the subsequent month.
- vi. Principal is to be repaid in monthly installments after completion of moratorium period, if any, within the loan tenure. Moratorium period shall be calculated from the date of the first disbursement of loan.
- vii. In case of delay in the repayment of principal/interest, additional interest at the rate of 3% over and above normal interest shall be payable.

3. Eligibility Criteria for eligible end borrower to avail funds under DIDF

Technical, Institutional/ Governance Criteria for eligible end borrower is as follows:

3.1 Technical Criteria:

- i. The borrower should have required environmental/ statutory clearances for setting up of plants.
- ii. The borrower should have its own land/ long term lease, free from encumbrances, in case of setting up of new plant or expansion of existing

#as per corrigendum no. 02023/2/2017-CDD dated 14.02.2019

plant. In case of lease, requisite No Objection Certificate from the concerned authority for mortgage to NDDDB/NCDC would have to be obtained.

3.2 Financial Criteria:

- i. Audit of accounts should be up-to-date and the auditor's observations should not contain any adverse opinion or disclaimer.
- ii. The borrower should not be in a default to any bank/financial institution on the date of applying for loan.
- iii. All outstanding dues to producer members should not exceed four payment periods.
- iv. The Department will start the project initially with 39 profit making milk unions. However, the proposal will enable assistance to other Milk Cooperatives also which become eligible on the basis of their net worth and profit levels, in subsequent years, to apply for loan under DIDF. The list of eligible beneficiaries under the corpus should be revised every year after proper scrutiny. (As recommended by EFC in its meeting dated 09.05.2017).
- v. The borrower shall provide its consent for assignment, in favour of NABARD, of all securities taken by NDDDB/NCDC for securing its loan. In case of reassignment, cost involved shall be recovered from eligible end borrower.
- vi. The financial returns of the project should meet the requirements decided by NDDDB/NCDC from time-to-time.
- vii. The borrower should not have any receivable over one year from the state government.

3.3. Institutional/ Governance Criteria:

- i. Should have a duly constituted Governing Body such as Board of Directors/Management Committee as applicable to the legal form of the eligible end borrower.
- ii. Should have a full time Chief Executive/Managing Director (or equivalent) and adequate number of qualified technical and managerial personnel at key positions.
- iii. Should not have any Director on the board who has defaulted to any bank/ financial institution.

3.4 Loan Swapping:



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Loan available from other financial institutions for the projects under execution may be considered for loan swapping under DIDF scheme subject to fulfilling the following pre-conditions:

- i. Eligible end borrower should obtain no objection certificate (NOC) from concerned financial institution/ funding agencies.
- ii. Eligible end borrower will have to qualify for all eligibility criteria defined under the DIDF scheme.
- iii. No cases / disputes should be pending in the court of law in relation to the project under consideration.
- iv. Reassessment of project cost estimated, procurement (purchase) procedures and viability as per the terms and conditions of the DIDF scheme.
- v. Assessment of capability of eligible end borrower to provide adequate security including State Government guarantee.

End of Annexure II



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ANNEXURE III

Terms and Conditions for lending by NABARD to NDDB/NCDC

1. Release of Loan

- i. NDDB/ NCDC shall communicate its own sanction to eligible end borrower only after the project is sanctioned by NABARD.
- ii. NDDB/NCDC shall approach NABARD for drawals, only after NDDB/NCDC executes all the loan documents with the eligible end borrower.
- iii. NABARD shall allow one drawal during the quarter with minimum size of Rs. 500 crore for one or more number of projects. NABARD at its own discretion may relax this condition. NABARD shall release funds within 30 days from the date of receipt of drawal application completed in all respects.
- iv. In the event NDDB/NCDC, after giving notice, does not avail funds so raised by NABARD for some reason, it shall be liable to pay commitment charges to NABARD to compensate for financial loss suffered in the process. This charge will be the difference between cost of borrowings of NABARD and the prevailing reverse repo rate for the period such borrowings remain unutilized under this scheme.
- v. NDDB/NCDC along with the drawal application shall also submit the utilization certificate for previous disbursement. NABARD shall have the right to withhold further disbursements to NDDB/NCDC in case the previous disbursement is not utilized to the extent of 90%. Utilization Certificate format shall be given by NABARD.
- vi. The default risk from the eligible end borrower shall be with NDDB/ NCDC and NDDB/NCDC shall repay the principal installment and interest to NABARD on due date(s), irrespective of the actual recovery from its borrowers.
- vii. Format for drawal application, Demand Promissory Note (DPN), Debt Service Reserve Account (DSRA) and assignment of securities shall be provided by NABARD.

2. Interest rates on loans by NABARD to NDDB/NCDC

NABARD shall extend loans to NDDB and NCDC at ~~fixed~~ rate of interest of 6% per annum payable at quarterly rests.


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3. Repayment of principal and interest by NDDB/NCDC to NABARD

- i. Each loan drawal will be treated as separate loan with fixed tenor of 10 years including two year moratorium period on repayment of principal. Interest accrued on outstanding loan amount will be serviced during the moratorium period also.
- ii. Interest shall be paid to NABARD on quarterly basis. Interest for the quarter shall be payable on 1st day of subsequent quarter.
- iii. Principal shall be repaid to NABARD in quarterly instalments. Principal instalment shall be payable on last day of the same quarter.
- iv. If due date for payment of principal installment falls on Saturday, Sunday and Holiday(s) at NABARD Head Office, the due date shall be deemed to be the preceding business day.
- v. If due date for payment of interest falls on Saturday, Sunday and Holiday(s) at NABARD Head Office, the due date shall be deemed to be the next business day.
- vi. NDDB/NCDC shall be free to pay interest/principal relating to quarter anytime during the quarter before the due date. However, if NDDB/ NCDC pays interest/ principal instalments for subsequent quarter(s), it shall be liable to pay pre-payment charges as specified below at Para 6.
- vii. NABARD shall not issue any notice to NDDB/NCDC for repayment of principal or payment of interest. NDDB/NCDC themselves, on a continuous basis, shall maintain the schedule of interest payment/ principal repayment to NABARD.

4. Prepayment Charges

NABARD may accept advance repayment of loan subject to the condition that NDDB/NCDC gives three days clear notice (excluding Saturdays, Sundays and Bank Holidays) to NABARD for such advance payment, provided that if NDDB/NCDC fails to give aforesaid advance notice of three days, the repayment shall be deemed to have been made after three days (excluding Saturdays, Sundays and Bank Holidays) from the actual date of realization of payment and interest will be levied accordingly. However, irrespective of three days' notice given to NABARD by NDDB/NCDC, it shall be liable to pay pre-payment charge on the prepaid amount. Prepayment charge shall be equivalent to difference between cost of borrowing of NABARD inclusive of interest, fee, charges, taxes if any and the prevailing yield on

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10 year G-Sec for the period for which amount was prepaid. NABARD at its discretion may waive the prepayment charges in following circumstances:

- i. Where eligible end borrower prepays entire outstanding to NDDDB/NCDC out of its genuine business revenue and in turn NDDDB/ NCDC prepays to NABARD.
- ii. Where eligible end borrower defaults to NDDDB/NCDC and the latter makes the prepayment to NABARD for closure of loan account out of the proceeds received by invoking state government guarantee and/or out of proceeds received by liquidating the secured assets of the eligible end borrower.

5. Default in repayment by NDDDB/NCDC to NABARD

- i. If NDDDB/NCDC fails to pay interest on due date, it shall be liable to pay 1 % penal interest in addition to applicable rate of interest on interest due for the period of delay.
- ii. If NDDDB/NCDC fails to pay the principal instalment on due date, it shall be liable to pay additional interest (over and above the lending rate) at the rate of 1% per annum on the defaulted amount for the period of default.
- iii. If any principal instalment interest remains unpaid on due date, NABARD shall have the right to issue notice to NDDDB/NCDC for the payment of the same. If it is still not paid to NABARD within 15 days, NABARD shall be entitled to approach concerned State Government/ Gol for recovery of the dues.
- iv. In the event of NDDDB/NCDC receiving any amount through invocation of state government guarantee and if NDDDB/NCDC is in default to NABARD then NDDDB/NCDC shall pass on such proceeds to NABARD till all its dues are cleared.

6. Stoppage of further disbursements

- i. Without prejudice to NABARD's rights and any other legal remedies as may be available to it upon breach of any or all of the terms and conditions herein, NABARD at its sole discretion shall stop further disbursement of the loans and advances to NDDDB/NCDC.
- ii. Notwithstanding what is contained in para (i) above, on the occurrence of default in repayment of any installment of the principal or payment of any installment of the interest, it shall be open to NABARD to stop further disbursement of loans until such amounts in default are paid in full by



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NDDB/NCDC. In such an event, NABARD shall not be liable for any loss, damage or expenses that may be caused in the completion of the projects.

- iii. NABARD shall also have the right to withhold further disbursements to NDDB/NCDC in case the previous disbursement is not utilized to the extent of 90% at the time of submitting the drawal application to NABARD. This is without any prejudice to NABARD's right to recall the unutilized portion.

7. Appropriation of Payments

- i. All amounts paid by NDDB/NCDC to NABARD shall be appropriated towards interest accrued on the overdue interest, overdue interest, overdue loan amount if any in that order. Regular repayments will be first adjusted towards interest due followed by principal.
- ii. If the amount repaid by NDDB/NCDC is in excess of instalment of principal /interest, such excess amount shall be paid back to NDDB/NCDC by NABARD within 10 days.

End of Annexure III



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F. No.4-9/2021-DP (E-19690)
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan, New Delhi
Dated: 3rd August 2021

Subject: Administrative approval for implementation of Central Sector Scheme "National Programme for Dairy Development" from 2021-22

The undersigned is directed to convey the Administrative Approval towards implementation of restructured Central Sector Scheme "National Programme for Dairy Development (NPDD)" with an allocation of Rs 1790.00 crore from 2021-22 to 2025-26.

2. National Programme for Dairy Development (NPDD) aims to enhance quality of milk and milk products and increase share of organised procurement, processing, value addition and marketing. This scheme has two (2) components:-

(i) The **Component 'A'** focuses towards creating/strengthening of infrastructure for quality milk testing equipment as well as primary chilling facilities for State Cooperative Dairy Federations/ District Cooperative Milk Producers' Union/SHG run private dairy/Milk Producer Companies/Farmer Producer Organisations.

The committed liabilities of ongoing NPDD scheme approved till 31.03.2021 shall be met under the revised scheme during first two years i.e. 2021-22 & 2022-23 as per administrative approval issued at the time of approval of respective projects.

(ii) The **Component 'B'** provides financial assistance from Japan International Cooperation Agency (JICA) as per project agreement already signed with them. The central Government share in this project is proposed to be funded through NPDD.

2. A copy of the operational guidelines of NPDD (Component A & B) and brief description of activities to be taken up is **enclosed** herewith. The proposal may be prepared by furnishing requisite information as per prescribed factsheet and Annexure of the guideline. The project proposal of SIA duly recommended by State Government/SLTMC should be submitted to DAHD for consideration.

3. Implementation Mechanism:

3.1 At the apex level, there will be a Central Project Steering Committee (CPSC), headed by Secretary (AHD), GoI, which will provide policy and strategic support to the project, monitor the progress of approved projects of NPDD, consider annual action plans, give policy directions and shall have the authority to re-appropriate component-wise fund requirement in approved programmes, change the eligibility conditions and other terms and conditions of the agreements between stakeholders, implementation

arrangement and can change the composition of committees viz. CPSC and PSC.

3.2 Project Sanctioning Committee (PSC) headed by Secretary AHD, GoI will have the authority to sanction projects after appraisal by Dairy division of DAHD. PSC will have power for re-appropriation of funds within the components/within the approved sub projects, change norms and change unit cost of items of the project. PSC will be responsible for consideration of proposals received from/recommended by SLTMC.

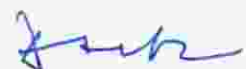
3.3 At the State level, there will be a State Level Technical Management Committee (SLTMC), which will be headed by Additional Chief Secretary/Principal Secretary/Secretary/Commissioner of the State, comprising representative of DAHD, SRLM, State Dairy Federation and NDDB as members for effective implementation and to have synergy among the similar dairy development programmes implemented in the State. SLTMC must ensure that there is no duplication of activities and project area in the States.

4. Participating States/State Implementing Agencies will submit quarterly progress reports (QPR), annual report, audit reports etc along with utilization certificate duly signed by Administrative Secretary of the concerned Department of the State Government in the prescribed formats. In case of release of last instalment under the project, consolidated utilization certificate, Quarterly progress Report, audit expenditure statement may be submitted. State Level Technical Monitoring Committee (SLTMC) meetings shall be held regularly to review the progress of project under intimation to this Department. The funds released under the project will be subjected to AG Audit of the concerned State.

5. This issues with the approval of Secretary (AHD) vide Note#16 diary No.E-19690 dated 29.07.2021.

Yours faithfully,

Encl.: a/a



(Deepak Sethi)

Under Secretary to the Government of India

DEEPAK SETHI
Under Secretary
DAHD

Distribution:

1. Principal Secretary/Secretary, Department of Animal Husbandry/Dairy Development, All States and UT's
2. Advisor (PAMD), NITI Ayog, Agriculture Division, Yojana Bhawan, New Delhi
3. Chairman, National Dairy Development Board, Anand, Gujarat
4. Managing Director, Milk Federation, All States
5. Director, National Dairy Research Institute, Karnal, Haryana- 132001
6. Principal Accounts Officer, Ministry of Fisheries, Animal Husbandry & Dairying, Department of Animal Husbandry and Dairying, Jeevan Tara Building, Parliament Street, New Delhi-110001.

7. Chief Controller of Accounts Department of Animal Husbandry and Dairying, Krishi Bhawan, New Delhi-110001.
8. The Accountant General, Commerce, Works and Miscellaneous, AGCR Building, Near ITO, New Delhi-110 002.
9. Deputy Director General (Animal Sciences), ICAR, Krishi, Krishi Bhawan, New Delhi
10. Chief Representative, JICA India Office, Japan International Cooperation Agency (JICA), 16th Floor, Hindustan Times House, 18-20, Kasturba Gandhi Marg, New Delhi - 110 001, India
11. Director, National Rural Livelihoods Mission (NRLM), Ministry of Rural Development, Krishi Bhawan, New Delhi

Copy for kind information to:

1. PS to Hon'ble Minister, FAHD
2. PS to Hon'ble MOS (SKB), FAHD
3. PS to Hon'ble MOS (LM), FAHD
4. Sr.PPS to Secretary (AHD)
5. PPS to AHC
6. PPS to AS &FA
7. PS to JS(C&DD)/Dir (Budget)/DC(CS)/AC(DS)
8. US (Fin)/Guard File



Government of India
Department of Animal Husbandry and Dairying
(Ministry of Fisheries, Animal Husbandry and Dairying)

Operational Guidelines
of
National Programme for Dairy Development
July 2021

OPERATIONAL GUIDELINES FOR IMPLEMENTATION OF NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT (NPDD)

National Programme for Dairy Development (NPDD) aims to enhance quality of milk and milk products and increase share of organised procurement, processing, value addition and marketing. This scheme has two (2) components.

1.1 The **Component 'A'** focuses towards creating/strengthening of infrastructure for quality milk testing equipment as well as primary chilling facilities for State Cooperative Dairy Federations/ District Cooperative Milk Producers' Union/SHG run private dairy/Milk Producer Companies/Farmer Producer Organisations

1.2 The **Component 'B'** provides financial assistance from Japan International Cooperation Agency (JICA) as per project agreement already signed with them. The central Government share in this project is proposed to be funded through NPDD.

1.3 The operational guidelines of Component 'A' and 'B' are given at **Appendix-I & II** respectively.

COMPONENT A

2. AREA OF OPERATION:

2.1 Component A will be implemented throughout the country.

2.2 Component A will finance all components in States where Component B- Dairying through Cooperatives (DTC) under JICA assistance is not implemented.

2.3 In the case of States covered under Component B- DTC under JICA assistance, namely, Bihar and Uttar Pradesh, any addition of state shall be in compliance to the loan agreement between Government of India and Government of Japan. The Component A will cover those components that are not covered by DTC under JICA assistance.

3. DURATION OF THE PROJECT:

National Programme for Dairy Development (NPDD) will be implemented throughout the country from 2021-22 to 2025-26 and will continue till 2027-28.

The committed liabilities of ongoing NPDD scheme approved till 31.03.2021 shall be met under the revised scheme during first two years i.e. 2021-22 & 2022-23 as per administrative approval issued at the time of approval of respective projects. Further, the committed liability to be created under above sub-schemes during the implementation period from 2021-22 to 2025-26, will be met through budgetary support during next two years i.e. 2026-27 & 2027-28.

4. OBJECTIVE

- a) To create and strengthen infrastructure for quality milk including cold chain infrastructure linking the farmer to the consumer;
- b) To provide training to dairy farmers for clean milk production;
- c) To create awareness on Quality & Clean Milk Production;
- d) To support research and development on Quality milk and milk products

5 INSTITUTIONAL ARRANGEMENT, IMPLEMENTING AGENCIES AND PROCESS FLOW CHARTS

NPDD	Component A		
	Cooperative Sector	SHG run private dairy (registered under NRLM/SRLM)	MPC and FPOs

NPDD	Component A		
	Cooperative Sector	SHG run private dairy (registered under NRLM/SRLM)	MPC and FPOs
Recommending authority (for submission of proposals)	State Level Technical Management Committee/ Additional Chief Secretary/Principal Secretary/Secretary/Commissioner of the State (Dairy Development & Animal Husbandry Department) – Shall screen and recommend proposals to avoid duplication.		
State Implementing Agencies	All State Dairy Federations in States where Milk Federation is operating. For States where there is no State Level Milk Federation, Cooperative Milk Union covering major area of operation shall be the State Implementing Agency	State Rural Livelihood Mission (SRLM), a registered society established by respective Department of Rural Development in States	National Dairy Development Board through State/Regional offices
End implementing Agencies	All State Dairy Federations and their constituent District/Taluka Level Milk Unions and farmer producer organisations, Government dairy/other registered Cooperative Unions (like dairy cooperatives registered under Multi State Coop. Act and Mutually Aided Cooperative Society Act etc.).	District Rural Development Authorities (DRDAs) operating at district level	Milk Producer Companies/ Farmer Producer organisations

NPDD	Component A		
	Cooperative Sector	SHG run private dairy (registered under NRLM/SRLM)	MPC and FPOs
Village level Participating Agencies	All dairy cooperative societies and other agencies associated or affiliated to above SIAs or EIAs like village level NGOs, SHGs, Universities, Colleges, ICAR Institutes etc.	All dairy processors and their feeder milk collection/cooling/chilling centres shall be eligible to receive assistance subject to the norms of the scheme	Milk Producer Institutions (MPIs)

5.1 Cooperative Sector:

State Dairy Federations for States viz Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Nagaland, Orissa, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal; and Milk Unions in remaining States and UTs will be the State Implementing Agency and shall be responsible for implementation of the approved projects. However, above SIAs may make necessary arrangement to ensure implementation of specific activities under approved projects through concerned End Implementing Agencies (EIAs) operating at district/taluka level.

In case of Government dairy/other registered Cooperative Unions (like dairy cooperatives registered under Multi State Coop. Act and Mutually Aided Cooperative Society Act etc.), not affiliated/recognized by SIAs may directly forward their proposal through State Level Technical Management Committee (SLTMC) under the programme. However, central assistance for admissible components in such cases shall be released to the concerned State Implementing Agencies directly by GoI.

5.2 SHG run private dairy (registered under NRLM/SRLM)

State Rural Livelihood Mission (SRLM), a registered society established by respective Department of Rural Development in States will be the State Implementing Agency and District Rural Development Authorities (DRDAs) operating at district level shall be the End Implementing Agency for SHG run private dairies. Government of India shall release financial assistance to respective SRLM, which in turn will release fund to District Level Rural Development authorities in respect of approved projects for SHG run private

dairies.

5.3 Village level Participating Agencies (VPAs):

5.3.1 In Cooperative Dairy Sector, all dairy cooperative societies and other agencies associated or affiliated to above SIAs or EIAs like NGOs, SHGs, village level affiliated agencies of Universities, Colleges and ICAR institutions etc. shall be eligible to participate and receive assistance under the scheme.

5.3.2 In SHG run private dairy, all dairy processors and their feeder milk collection/cooling/ chilling centres shall be eligible to receive assistance subject to the norms of the scheme

6. ACTIVITY COMPONENTS TO BE FUNDED

The list of the activities which will be funded under NPDD are as follows:

6.1 Milk Chilling facilities (including BMC) at primary level

6.1.1 Civil Work

6.1.2 Equipment for Bulk Milk Coolers & Accessories

6.2 Establishment of milk testing laboratories

6.2.1 At DCS/Village Level Laboratories/ at Bulk Milk Cooler (BMC) centers/At District Level Laboratories/At State Level Laboratories including purchase of laboratory equipments as per FSS Act/Codex

6.2.2 Purchase of laboratory equipments (for chemical/ microbial (for district/union/state level) analysis of milk and milk products)

6.2.3 Purchase of laboratory furniture

6.2.4 System for quality assurance (HACCP/ISO) including equipment/computer hardware and software etc

6.3 Certification and accreditation

6.3.1 Certification for ISO/HACCP/Quality Mark etc.

6.3.2 Certifications as per Food Safety and Standards Regulation 2011

6.4 Information and Communication Technology Networking

Strengthening of all the cooperative dairies 30 TLPD and above in cooperative sector with the software systems like block chain, SAP, ERP for developing traceability, quality network etc.

6.5 Training & Farmer Awareness Programme

Under the training component of the scheme, focus will be on the following:-

6.5.1 Training of farmers in good hygienic practices/ good manufacturing practices

6.5.2 Training of Dairy Personnel/milk tester (including Plant and Marketing staff)

6.5.3 Training on Quality management systems.

6.5.4 Training of DCS staff/ BMC/ chilling centre/ AMCU/ DPMCU on operations and quality management

6.6 Planning and Monitoring

Under the planning and monitoring components, 2% (maximum) will be earmarked to meet the cost of preparation of project proposal, monitoring including field level inspections, review meetings, documentations (success stories, outcomes, concurrent evaluations, impact evaluation etc.).

6.7 Research & Development

6.7.1 Assistance to dairies of 1 Lakh Litre capacity and above

6.7.2 For development on new products, process automation, cost effective technology in processing, bio-degradable packaging technology, A2-Milk route scheduling, traceability system development, milk situation for casting model, resource management including innovators and start-ups so that new innovation and research come up the sector.

7. FUNDING PATTERN AND FUND FLOW:

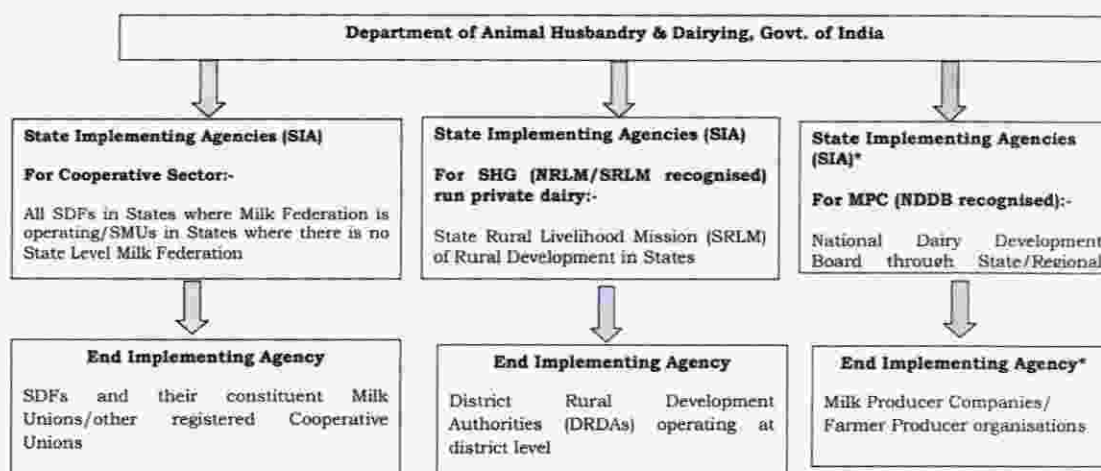
7.1 FUNDING PATTERN

- a) 60:40 cost sharing basis between GOI and State/State Implementing Agency (SIA)/End Implementing Agency(EIA)
- b) 90:10 cost sharing basis between GOI and State/SIA/EIA for NER States and Hilly States.
- c) The Central assistance for UTs will be 100%.
- d) In case of SIAs/EIAs, wherever applicable, is unable to provide its matching share, the concern SIA/EIA may source its matching share from State Government or any other loaning agency subject to fulfillment of the norms of the concerned assisting/loaning organizations. Such loaning organisations/institutions include State Government, NCDC, and Commercial banks etc.
- e) As regard funding support for Research & Development, ICT networking, training, awareness and planning & monitoring the assistance would be 100%.

7.2 FUND FLOW of Component-A of NPDD:

Under Component A of NPDD scheme instead of one State Nodal Agency, there will be three State Implementing Agencies for three different End Implementing Agencies. DAHD will release the fund to these SIAs based on the project approved by PSC and subsequent progress reported by State/SIA.

Fund Flow - Component A (Flow Chart)



State Nodal Agency-State Milk Federation/Unions for Cooperatives, SRLM for SHG run private dairies and State/Regional Office of NDDB for MPC/FPOs

8. IMPLEMENTATION MECHANISM

8.1 Central Project Steering Committee (CPSC)-

At the apex level, there will be a Central Project Steering Committee (CPSC), headed by Secretary (AHD), GoI, which will provide policy and strategic support to the project, monitor the progress of approved projects of NPDD, consider annual action plans, give policy directions and shall have the authority to re-appropriate component-wise fund requirement in approved programmes, change the eligibility conditions and other terms and conditions of the agreements between stakeholders, implementation arrangement and can change the composition of committees viz CPSC and PSC.

Secretary, DAHD	Chairperson
Financial Advisor, DAHD	Member
Animal Husbandry Commissioner, DAHD	Member
Deputy Director General (Animal Sciences), ICAR	Member
Principal Secretary/ Secretary, Department of Animal Husbandry and Dairy of States (one each from North, South, East and West)	Member
MDs of State Dairy Federations (one each from North, South, East and West)	Member
Chairman, NDDB or his nominee	Member
Managing Director/ Executive Director, NDDB	Member
Group Head (FPS), NDDB	Member
Director NDRI Karnal	Member
NRLM-Representative	Member
Representative from JICA as an observer	Member
Joint Secretary (CDD), DAHD	Member Secretary

8.2 Project Sanctioning Committee (PSC)

Project Sanctioning Committee (PSC) will be headed by Secretary AHD, GoI and will have the authority to sanction projects after appraisal by Dairy division of DAHD. PSC will have power for re-appropriation of funds within the components/within the approved sub projects, change norms and change unit cost of items of the project. PSC will be responsible for consideration of proposals received from/recommended by SLTMC. The PSC will meet quarterly or as frequently as necessary to ensure that proposals received through SLTMC are considered without unreasonable delay. The composition of PSC will be as under:

- I. Secretary, AHD, GoI –Chairman of the Committee
- II. Financial Advisor, DAHD
- III. Joint Secretary (Dairy Development), DAHD
- IV. Chairman, NDDB or his nominee not below the rank of Executive Director (ED)
- V. Executive Director / Group Head (FPS), NDDB
- VI. A representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.
- VII. Representative from ICAR
- VIII. Representative from Rural Development
- IX. Representative from NRLM/concerned SRLM
- X. Deputy Commissioner (DD) / Assistant Commissioner(DD) , GoI – Member Convener

8.3 Programme Coordination Management Cell (PCMC)

A Programme Coordination Management Cell (PCMC) shall be created to provide Secretariat support to CPSC and PSC. Dairy Division (support by PCMC & PMA) will be responsible for analysis and timely placement of project proposals to PSC as well as for providing inputs to CPSC for successful implementation of the scheme as per the project objectives and deliverables.

8.4 State Level Technical Management Committee (SLTMC)

At the State level, there will be a State Level Technical Management Committee (SLTMC), which will be headed by Additional Chief Secretary/Principal Secretary/Secretary/Commissioner of the State, comprising representative of DAHD, SRLM, State Dairy Federation and NDDB as members for effective implementation and to have synergy among the similar dairy development programmes implemented in the State. SLTMC shall oversee state-level monitoring of the projects, the land

availability for village level institutions like, primary dairy societies and primary level cold chain infrastructure statutory requirements, co-ordination among SIAs/EIAs, policy support etc. SLTMC must ensure that there is no duplication of activities and project area in the States. The composition of SLTMC will be as follows:

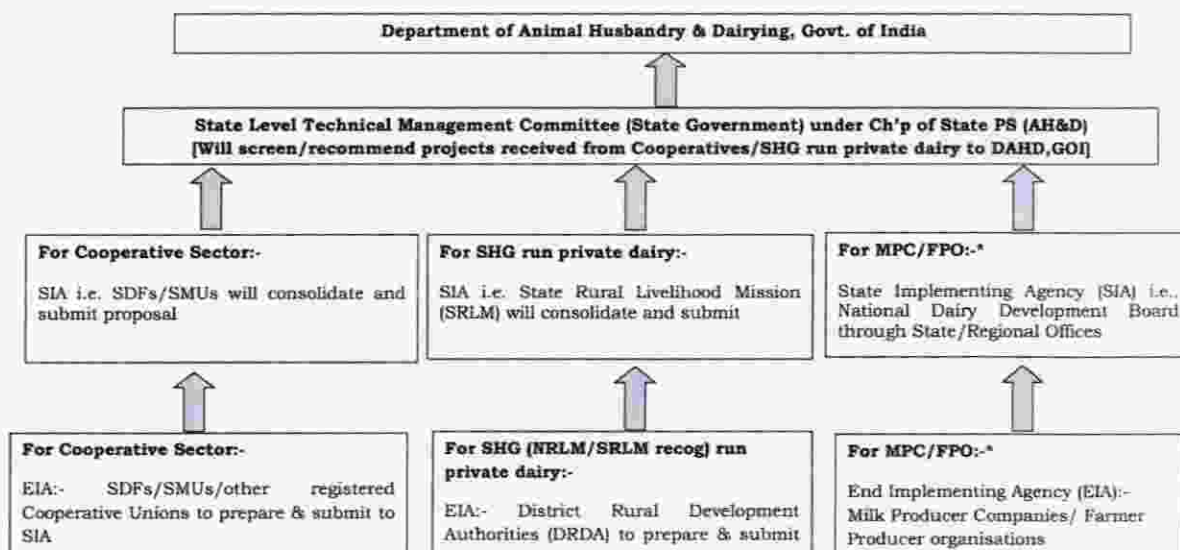
- i. Additional Chief Secretary/ Secretary/ Principal Secretary/Secretary/Commissioner of DADF of the State Government – Chairman of the Committee
- ii. Representatives from Dairy Development/ Animal Husbandry Department of the State Government.
- iii. Representatives from Department of Animal Husbandry and Dairying, Government of India.
- iv. Representative from Department of Finance and Planning of the State Government
- v. District Magistrate of Scheme Districts or his representative.
- vi. CEO, State Livestock Board
- vii. Representative of SRLM
- viii. Managing Director, State Dairy Federation/Milk Producer Company – Member convener (for projects under Component A)
- ix. Representative of NDDDB (nominated by Chairman, NDDDB), Member convener (for projects under Component B)

9. PROJECT PREPARATION AND SUBMISSION OF PROPOSAL

- a. A Situation Analysis shall be undertaken and shall include: a) Pre project Base line Survey by an independent Agency; b) funding under earlier programmes, c) role and capabilities of different players ; and d) area of operation etc.
- b. The Project/subproject Proposals under NPDD shall ensure optimal resource utilization and shall discourage avoidable expenditure and duplication/ overlap of activities.
- c. Special efforts must be made to re-commission idle equipment and equipment that is damaged but repairable. Proposal for fresh procurement shall be made only after making a realistic need assessment.
- d. The proposal may be prepared by furnishing requisite information as per prescribed factsheet and Annexure of the guideline. Guideline/ procedure for preparing a new project proposal along with prescribed annexure I to VI is **enclosed**.

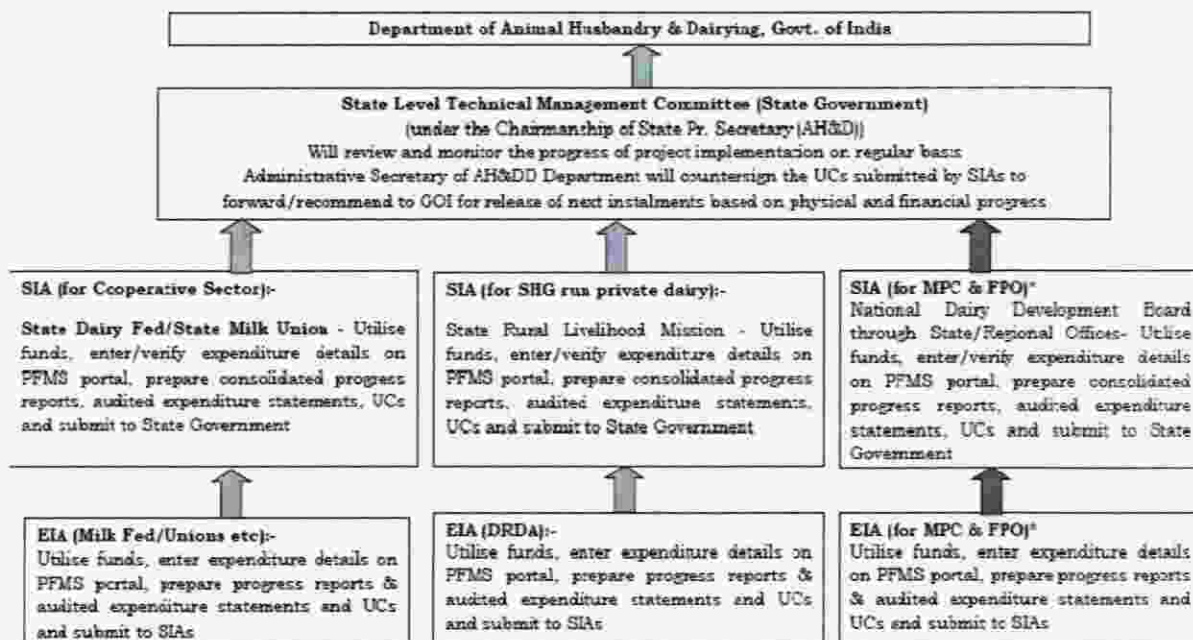
- e. The project proposals are to be planned to envisage dairy development in two to three adjoining districts comprehensively to make it technically feasible. At the time of formulating a proposal, the SIAs/EIAs shall see that projected dairy development activities are aligned with the activities of ongoing and approved dairy infrastructure projects in the project districts to ensure best utilisation of project resources in the developmental activities. The existing dairy infrastructure in two to three adjoining districts lying unutilised in the State should be brought under the ambit of baseline analysis during project planning for envisaging overall requirement of the State. State Level Technical Management Committee under the Chairmanship of State Principal Secretary/Administrative Secretary shall ensure that there is no duplication of project activities and project area in a project/a set of projects.
- f. The project proposal of SIA duly recommended by State Government/SLTMC should be submitted to DAHD for consideration.
- g. Soft copy of the Detailed Project Report should be submitted to DAHD timely, for appraisal and approval by the Project Sanctioning Committee.
- h. An indicative check list for preparing DPR under the scheme is as follows:-
 - i. DPR should include profile of the implementing agencies including end implementing agencies provided including financial condition, justification on component wise fund requirement provided.
 - ii. Annexure-I to VI filled up (district-wise and consolidated) as given in Departments website
 - iii. An undertaking indicating no duplication of funding and project activities with project under schemes of Central / State Government
 - iv. The cost of the equipments (including make, capacity, year etc.) and civil works (area and cost per unit) proposed needs to be adequately supported by the quotation/tender documents/copies of orders etc.
 - v. Status of implementation of earlier project in the district's proposed in the DPR and its physical and financial achievements against target along with closure reports and UCs.
 - vi. Balance sheet and Profit & Loss a/c for the year last financial year clearly indicating net and accumulated profit and loss.
 - vii. Implementing agency has mapped all the EIAs in the PFMS for implementation of the scheme
 - viii. Copy of FSSAI, ISO, HACCP etc certification of dairy plant

Project Preparation and Submission - Component A (Flow Chart)



*NDDB and MPCs/FPO as SIA and EIA was not included in EFC/CCEA therefore including them is subject to approval of Central Project Steering Committee of NPDD

UC Submission - Component A (Flow Chart)



*NDDB and MPCs/FPO as SIA and EIA was not included in EFC/CCEA therefore including them is subject to approval of Central Project Steering Committee of NPDD

10. Submission of Information:

SIA shall submit following information on Quarterly basis to DAHD (at the end of March, June, September & December):

- i) State-wise, Project-wise and component-wise progress report indicating total outlay, Grant assistance, SIA/EIA contribution, fund released to EIAs, fund utilized by EIAs, unspent balance etc.
- ii) Physical progress vis-à-vis approved physical parameters. Status of installation of BMC/Laboratory equipments etc.
- iii). Audited utilization certificate (duly authenticated by registered auditor and also countersigned by Administrative Secretary/Chairman of the State Level Technical Management Committee of concerned State Animal Husbandry and Dairying Department.
- iv) Audited report of expenditure vis-à-vis approved components/sub-components/items etc.
- vi) SC/ST/Women population covered under the project.

11. Ranking of States (Credit Ranking)

The project execution and implementation performance of States will be reviewed through State Level Technical Management Committee (SLTMC) meetings. Accordingly, States will be ranked based on their performance. The ranking may be deemed as credit ranking which will help States to apprise and seek subsequent financial assistance under projects on priority under the scheme.

12. Project Monitoring Agency (PMA)

For the purpose of overall monitoring of the approved projects/sub-projects under dairy development schemes through online project monitoring portal, PMA shall be put in place who shall be responsible to develop a Management Information System (MIS).

Functions of PMA:

- I. Monitoring of dairy projects as per approved project schedule
- II. Maintenance of MIS to provide all inputs for policy intervention and strategy finalisation by DAHD.
- III. Prepare financial/physical progress reports of various schemes on periodical basis as well as when required.

13. Project completion report:

On completion of project, the State Government would review the achievements made under the project vis-s-vis targets and would submit a project completion report indicating its achievements, setbacks etc alongwith a consolidated utilisation certificate (audited) and consolidated audited statement of expenditure, audited balance sheet of SIA/EIA/PIA etc.

FACT SHEET- NATIONAL PROGRAMME FOR DAIRY**DEVELOPMENT****STATE :****1.0 PROJECT SYNOPSIS**

- 1.1 Total Estimated Cost(Rs in Lakhs)
- 1.2 Duration of Project
- 1.3 District Covered
- Name of the State Implementing
- 1.4 Agency

2.0 ITEMS							
			BASE YEAR		EOP TARGETS		
	Monitoring Parameters						
2.1	DCS Organised						
2.2	DCS Functional						
2.3	Farmers Members (000)						
2.4	Chilling Capacity (TLPD)						
2.4.1	Chilling Plant Capacity						
2.4.2	Bulk Milk Coolers						
2.5	Dairy Plant Capacity (TLPD)						
2.6	Daily Average Milk Procurement(TKgPD)						
2.7	Daily Average Milk Marketing(TKgPD)						

3.0 OUTLAY DETAILS		Amount In Lakhs				
	ITEMS		CAPITAL		RECURRING	TOTAL
3.1	Milk chilling facilities					
3.2	Milk Testing Laboratories					
3.3	Certification and Accreditation					
3.4	Information and Communication Technology Networking					
3.5	Training					
3.6	Awareness					
3.7	Planning and Monitoring					
3.8	Research and Development					
	Grand Total					
4.0 Financial Requirement		Amount In Lakh				
		Year wise phasing of Expenditure				
		1st year	2nd year	3rd year		Total
5.0	LOCATION OF EXISTING / PROPOSED BULK MILK COOLERS WITH CAPACITY					
6.0	LOCATION OF EXISTING / PROPOSED AMCU/DPMCU/EMAT					

7.0	LOCATION OF EXISTING / PROPOSED DAIRY PLANT LABS	
8.0	Unspent Balance as on 1st April of the current year:	
9.0	Utilisation Certificate as on 31st March of the current year:	

TLPD:---> THOUSAND LITRES PER
DAY

TKgPD:----> THOUSAND kg. PER
DAY

ANNEXURE-II

NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT

ESTIMATES OF MILK PRODUCTION IN THE DISTRICT IDENTIFIED FOR DAIRY DEVELOPMENT PROJECT					
(YEAR -----)					
NAME OF DISTRICTS.....					
S.NO.	PARTICULARS				
1.0	NO. OF MILCH ANIMALS				
1.1	Cows				
1.2	Buffaloes				
2.0	MILK YIELD(HERD AVERAGE)				
2.1	Cows(Liters/day)				
2.2	Buffaloes(Liters/day)				
3.0	AVERAGE LACTATION LENGTH(DAYS)				
3.1	Cows				
3.2	Buffaloes				
4.0	AVERAGE DRY PERIOD(DAYS)				
4.1	Cows				
4.2	Buffaloes				
5.0	DAILY MILK PRODUCTION(MT)				
5.1	Cows				
5.2	Buffaloes				
5.3	Total				
6.0	ANNUAL MILK PRODUCTION(MT)				
6.1	COWS				
6.2	BUFFALOES				
6.3	TOTAL				

ANNEXURE-III

NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT

Key Physical Targets and Monitoring Parameters of the Project

S.NO.	PARTICULARS	BASE YEAR	YEARS OF OPERATION		
			1st	2nd	3rd (EOP)
1.0	KEY PHYSICAL TARGETS				
1.1	NUMBER OF FUNCTIONAL DCS *				
1.2	PRODUCERS MEMBERS(000) *				
1.3	CHILLING CAPACITY(TLPD) #				
1.3.1	CHILLING PLANT CAPACITY (TLPD)				
1.3.2	BULK MILK COOLERS (TLPD)				
1.4	DAIRY PLANT CAPACITY(TLPD) #				
1.5	AVERAGE DAILY MILK PROCUREMENT(TKgPD)				
1.6	AVERAGE DAILY MILK MARKETING(TLPD) **				
1.7	NUMBER OF VILLAGE LEVEL LAB STRENGTHENED				
1.7.1	AUTOMATIC MILK COLLECTION UNITS				
1.7.2	DATA PROCESSING AND MILK COLLECTION UNIT				
1.7.3	ELECTRONIC ADULTERATION TESTING MACHINE				
1.8	NUMBER OF STATE/DISTRICT LEVEL LAB STRENGTHENED				
1.9	AVERAGE NO. OF SAMPLES TESTED FOR MILK ADULTERATION				
1.10	AVERAGE METHYLENE BLUE REDUCTION TIME				
1.11	NO. OF VILLAGE COVERED				
2.0	MONITORING PARAMETER				
2.1	MEMBERS PER FUNCTIONAL DCS				
2.2	AVERAGE PROCUREMENT PER MEMBER(LPD)				
2.3	AVERAGE PROCUREMENT PER DCS(LPD)				

IN AND.....DISTRICTS OF
 * ---->STATE
 ** ----> IN.....AND.....TOWNS.
 PLEASE INDICATE THE LOCATION OF THE PLANT ALSO VIS-
 # ----> A-VIS THEIR CAPACITIES.
 PLEASE ENCLOSE A MAP SHOWING THE LOCATION & CAPACITIES OF
 PLANTS ON MILK ROUTES.

Annexure-IV

Proposal for EMAT/AMCU/DPMCU Installation under NPDD

State: _____

Name of State Implementing Agency: _____

Districts proposed to be covered: _____

Physical & Financial targets of the project:-

S. No.	Name of EIA/Milk Union	Name of District		Name of the Taluka/ Block			Total number of DCS/SHG	No. of DCS/SHG in which EMAT/AMCU/DPMCU is installed			No. of DCS/SHG where EMAT/AMCU/DPMCU not installed (Gap)	No. of DCS/SHG Proposed for EMAT/AMCU/DPMCU installation			
								EMAT	AMCU	DPMCU		EMAT	AMCU	DPMC	Total
1		1.1		1.1.1											
				1.1.2											
		1.2		1.2.1											
				1.2.2											
		Sub-total													
2		2.1		2.1.1											
				2.1.2											
		2.2		2.2.1											
				2.2.2											
		Sub-total													
		Grand Total													

*Detailed Specifications and component wise cost breakup needs to be provided separately in DPR

Annexure-IV (Contd/..)

List of Dairy Cooperative Societies proposed to be covered (Separate Sheet for each district)

S. No.	Name of District	Name of Taluka/Block	Name of DCS/SHG proposed for EMAT/AMCU/ DPMCU installation	Is DCS/SHG is registered/ Unregistered	EMAT/AMCU /DPMCU proposed to be installed	Average Daily Milk Procurement (LPD) (2020-21)	No. of Milk Producer enrolled with DCS/SHG	Present milk testing facility available at the proposed DCS

Annexure-V

Proposal for BMC Installation under NPDD

State: _____

Name of State Implementing Agency: _____

Districts proposed to be covered: _____

Physical & Financial targets of the project:-

S. No.	Name of EIA/Milk Union	Name of District		Name of the Taluka/Block			Total number of DCS	No. of DCS/SHG in which BMC is installed#					No. of DCS/SHG where BMC not installed (Gap)	No. of DCS/SHG Proposed for BMC installation						
								No.	Capacity (KL)					Total Capacity (KL)	No.	Capacity (KL)				Total Capacity (KL)
									0.5	1	2	5				0.5	1	2	5	
1		1.1		1.1.1																
				1.1.2																
		1.2		1.2.1																
				1.2.2																
		Sub-total																		
2		2.1		2.1.1																
				2.1.2																
		2.2		2.2.1																
				2.2.2																
		Sub-total																		
		Grand Total																		

Separate Sheet providing list of DCS/SHG where BMC is installed with capacity and Present level of milk procurement.

*Detailed Specifications and component wise cost breakup needs to be provided separately in DPR

Annexure-V (Contd/..)

**List of Dairy Cooperative Societies proposed to be covered
(Separate Sheet for each district)**

S. No.	Name of District	Name of Taluka/Block	Name of DCS/SHG proposed for BMC installation	Is DCS/SHG proposed for BMC is registered/ Unregistered	Name of Cluster DCS/SHG associated with proposed BMC DCS	Average Daily Milk Procurement (LPD) (2020-21) at Cluster DCS/SHG and BMC DCS	No. of Milk Producer enrolled with Cluster DCS/SHG& BMC DCS	Present milk testing facility available at the Cluster DCS/SHG and BMC DCS/SHG

NATIONAL PROGRAMME FOR DAIRY DEVELOPMENT

Estimated Cost of the**Dairy Project****Name of the District:-****(Rs. in Lakh)**

	COMPONENT-WISE ALLOCATIONS	Physical Target	Unit price/cost	Years of Implementation			Total Cost
				1st	2nd	3rd	
		EOP					
1.0	Milk Chilling facilities (at village/block/district level)						
	Capital Expenditure						
1.1	Civil works, Equipment for bulk milk coolers						
1.2	Equipment for bulk milk coolers						
	Sub-total (Capital)						
2	Construction/Establishment of Milk and Milk Product Testing Laboratories						
2.1	Capital Expenditure						
2.1.1	DCS/village level laboratories/ at Bulk Milk Cooler (BMC) centers						
2.1.1.1	Data Processing and Milk Collection Units						
2.1.1.2	Automatic Milk Collection Unit						
2.1.1.3	Electronic Milk Adulteration Testing Machine						
2.1.1.4	Purchase of laboratory furniture						
2.1.1.5	Any other equipment (Details to be provided separately)						
2.1.2	Dairy Plant Level/State Level						
2.1.2.1	Purchase of laboratory equipments (for chemical/ microbial (only for union/state level) analysis of milk and milk products) (Details to be provided separately)						

2.1.2.2	System for quality assurance (HACCP/ISO) including equipment/computer hardware and software etc						
	Sub-total (Capital)						
3	Certification and Accreditation						
3.1	Recurring Expenditure						
3.1.1	Accreditation and certification of dairy establishments under HACCP/ISO						
	Sub-total (Recurring)						
4	Information and Communication Technology Networking						
4.1	Capital Expenditure						
4.1.1	Purchase of Computers/handheld terminals with accessories						
4.1.2	Purchase of Server System						
4.1.3	Purchase/installation of Software systems (block chain, SAP, ERP for developing traceability, quality network etc)						
	Sub-total (Capital)						
5	Training						
5.1	Recurring Expenditure						
5.1.1	Training of farmers in good hygienic practices/ good manufacturing practices						
5.1.2	Training of Dairy Personnel/milk tester (including Plant and Marketing staff)						
5.1.3	Training on Quality management systems.						
5.1.4	Training of DCS staff/ BMC/ chilling centre/ AMCU/ DPMCU on operations and quality management						
	Sub-total (Recurring)						
6	Awareness Generation						
6.1	Recurring Expenditure						

7	Planning and Monitoring						
	Recurring Expenditure						
7.1	Pre-project Baseline survey (by independent agency) and preparation of project report						
7.2	Concurrent evaluation and in-depth independent evaluation of the project and Post- project impact assessment survey (including success stories, outcomes etc.)						
7.3	Field level inspections, review meetings etc.						
	Sub-total (Recurring)						
8	Research and Development						
	Total Capital Expenditure						
	Total Recurring Expenditure						
	Grand Total						

COMPONENT B

A. Background:

- I. In consonance with the mandate of the Government for the doubling the farmers income, this Department had initiated Japan International Cooperation Agency (JICA) ODA Loan assistance proposal for "Dairying through Cooperatives" (Also Known as "Project for Dairy Development in JICA's Document")
- II. The scheme is envisaged with a total Outlay of Rs. 1568.28 crore in the form of Loan of Rs.924.56 crore (JPY 14,978 million) by JICA and remaining amount of Rs.475.54 crore as Grant by Govt. of India and Participating Institutes' share of Rs. 168.18 crore.
- III. A tripartite agreement namely Minutes of Discussion (MOD) has been signed on pilot project by DAHD,GOI, JICA and NDDDB on 24.09.2018.
- IV. Exchange of Note and Loan Agreement for project for Dairy Development have been signed on 21.12.2018 between Department of Economic Affairs (DEA), Government of India and Government of Japan and JICA respectively.

B. Objectives:

To increase sales of milk and dairy products by increasing farmers' access to organised market, upgrading dairy processing facilities and marketing infrastructure and enhancing the capacity of producer owned institutions, thereby contributing to increase in return to milk producers in the project area.

C. Project Components:

- I. Strengthening Milk Procurement Infrastructure
- II. Milk processing facilities and manufacturing facilities (milk & milk products and cattle feed)
- III. Support for Marketing infrastructure
- IV. Support for ICT Infrastructure
- V. Productivity Enhancement
- VI. Project Monitoring and Studies
- VII. Training and capacity development

D. Project Area:

The states namely, Bihar and Uttar Pradesh shall be covered on priority. However, any addition of state shall be in compliance to the loan agreement between Government of India and Government of Japan.

As per loan agreement the location for projects is as below:

“Two States selected from following States. Number of States is expandable up to five States. Bihar, Uttar Pradesh, Madhya Pradesh, West Bengal, Andhra Pradesh, Rajasthan, Telangana, Uttarakhand, Punjab”

The scheme will cover all the districts in the State of Uttar Pradesh and Bihar. The priority will be given to socially and economically backward districts having dairying potential (includes all 21 aspirational districts).

E. Eligible Participating Institutions (PIs)/ Producer owned Institutions (POIs)

Milk Unions/ Multi-state Milk Cooperatives/ State Dairy Federations/ Milk Producer Companies

F. Eligibility criteria

(i) Eligibility criteria for PIs Institutional/ Governance Criteria

1. PIs should have a duly constituted Governing Body such as Board of Directors/Management Committee as applicable to the legal form of the PI.
2. PIs should have a full time Chief Executive/Managing Director (or equivalent) and adequate number of qualified technical and managerial personnel at key positions.
3. PIs should be willing to amend Bye-laws.
4. PIs should have fixed/ Undisturbed tenure for senior/ key management personnel including Managing Director/Chief Executive.
5. Board of the PI should nominate one expert each in the field of finance, Dairy Technology and marketing as independent directors.

(ii) Financial Criteria

(i) General Financial Criteria (applicable for all PIs)

1. Audit of accounts should be up-to-date and the auditor's observations should not contain any adverse opinion or disclaimer.
2. PIs should not have any over-dues to any financial institution.
3. PI should not be in a default to any bank/financial institution.
4. PI needs to contribute its share in the Project. However, in case PI does not have adequate resources to contribute its share, State Government may offer necessary grant.

(ii) Additional Financial Criteria (applicable for PIs availing loan under the project)

1. PI should have positive net worth.
2. All outstanding dues to producer members should not exceed four payment periods.
3. The financial returns of the project: Project will have uniform rate of Return on Investment (ROI) of 10%(minimum) and Debt Service Coverage Ratio (DSCR) of 1.5 times (minimum) for all sub projects.
4. The loan should be secured through collateral security, which should be minimum 1.5 times of the loan amount in terms of mortgage of immovable assets and hypothecation of movable assets. In case of shortfall, State Government guarantee will be required.

(iii) Technical Criteria : Component wise

A. Strengthening of Milk Procurement Infrastructure:

1. PI should have its own milk processing facilities or have a forward linkage with an existing milk processing facility.
2. PI should have the land/ premises for setting up DCS building and housing Bulk Milk Coolers free from any encumbrances.
3. Preference will be given to PIs that already have in place IT based reporting and monitoring systems.
4. PI should be capable in organising producers' institutions, maintaining transparency in the processes of milk

collection at village level, milk quality testing, timely payments to milk producers and grievance redressal system in place.

B. Strengthening of Processing Infrastructure

1. PI should have required environmental/ statutory clearances for setting up of plants.
2. PI should have its own land/ long term lease, free from encumbrances, in case of setting up of new plant or expansion of existing plant. In case of lease, requisite No Objection Certificate from the concerned authority for mortgage to NDDDB would have to be obtained.

C. Strengthening of Marketing Infrastructure

1. PI should have own milk processing facility and marketing network for sale of liquid milk & milk products.

D. Support for ICT Infrastructure

1. PI should have its own milk processing facilities or have a forward linkage with an existing milk processing facility.
2. PI should have competent manpower to manage ICT Infrastructure and applications.

E. Productivity Enhancement

E1- Sub Component:- Nutritional Interventions for PE

1. PIs which will identify/recruit technical manpower exclusively for the project will be considered.
2. PIs must have their own plants for manufacturing and supply of cattle feed (pregnancy feed, calf starter & calf growth meal), mineral mixture and fertility supplement or have an assured tie up for sourcing these products.
3. Preference will be given to the PIs which have implemented animal nutrition activities (Ration Balancing Programme (RBP)/Fodder Development) under NDP I successfully.
4. PIs which will create corpus from the beginning for sustainability of the activity, will be given preference.

E2 Sub Component -: Fodder Development

E2.1 - Fodder seed production and distribution/fodder conservation and green fodder enhancement and fodder technology demonstration

1. PIs should have a network of village level farmers organisations such as Village Dairy Cooperative Societies, Milk Producers' Institutions and Self Help Groups (SHGs) and have an experience in conducting demonstrations for technology transfer at field level.
2. PIs should have capacity to formulate and implement a sound plan for demonstrations.
3. Preference will be given to PIs that have prior experience in this area.

E2.2 - Crop residue management

1. PIs must have the capacity to formulate and implement a sound plan for crop residue enrichment and densification.
2. Preference will be given to PIs that have prior experience in this area.
3. PIs should have land (free of encumbrances) for setting up the units.
4. Availability of surplus crop residues in the operational area of PI in large quantity from cereal /cash /fodder crops.
5. PIs should have network of village level farmers organisations such as Village Dairy Cooperative Societies, Milk Producers' Institutions and SHGs for implementation work.

G. DURATION OF THE PROJECT:

The scheme will be implemented during 2021-22 to 2025-26 and will continue till 2027-28.

H. Funding Pattern and fund flow:

The fund under the scheme is classified into loan component and grant component. While the loan component has been signed with Government of Japan by Government of India (D/O Economic Affairs) on 21st December 2018, the grant component shall be funded under on-going programme 'National Dairy Development Programme' (NPDD).

a) Funding Pattern:

- i. Strengthening of processing infrastructure component and feed manufacturing Facilities will be funded as interest bearing loan (90% of the project cost as Loan and rest 10% as State Government/POI's contribution).
- ii. Building for village level Producers' institution and capital cost on BMC and AMCU/DPMCU shall be funded as 50% ODA loan and 50% Grant-in-aid,
- iii. The activities such as Productivity Enhancement, milk collection accessories, all milk testing equipment at village level, Dairy Cooperative Society (DCS) establishment will be funded as 90% grant-in-aid and 10% as State Government/POI's contribution.
- iv. ICT and Marketing infrastructure shall be funded as 80% ODA Loan and 20% Grant-in-aid by Government of India
- v. Project Management & Learning shall be 100% Grant basis. 90% of the fund to be transferred to NDDDB for conducting trainings, overseas exposure, concurrent evaluation, impact studies, appointment of auditors for audit of accounts etc. The rest 10% of the fund shall be retained at DAHD for creating and managing PCMC-cell at DAHD in the form of suitable budget provision under the appropriate head of scheme.

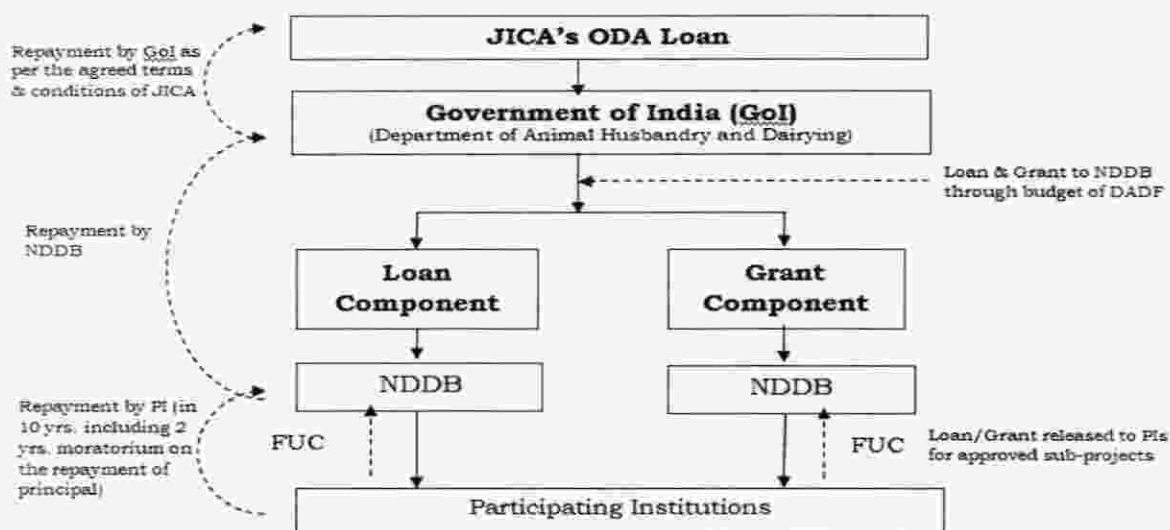
b) Fund Flow mechanism of Component-B (JICA) of NPDD:

The Government of India will bear the hedging cost arising out of currency difference in Yen and Rupee. As per Government Finance Rules and JICA procedure, the ODA loan is to be transferred by JICA in two/three tranches to the consolidated fund of India with RBI. The Budget Division, D/O Economic Affairs (DEA) will keep suitable budget provision based on the approved programme and as proposed by DAHD year on year basis. Subsequently, D/O Expenditure will allocate budget to DAHD under the scheme. DAHD in turn will release the fund to NDDDB based on the action plan approved by CPSC and progress made under the programme. Preferably, such releases shall be made in two instalments in a financial year.

GoI will receive the ODA loan from JICA at about 0.85% p.a. and transfer fund to National Dairy Development Board (NDDDB) for onward disbursement to the Producer owned Institutions (POIs) @ 1.5 % p.a. NDDDB shall retain a margin of 0.5-0.65% p.a. as cost of fund management and loan default risk. The period of reimbursement to

JICA is 20 years by GOI (Repayment period of JICA ODA loan is 15 years with 5 years grace period). The period of reimbursement by Producer owned organisation (Cooperatives and Producer Companies) to NDDB shall be maximum 10 years, of which first 2 years (maximum) shall be moratorium on payment of principal amount.

Fund Flow arrangement



I. JICA Procurement Guideline with Japanese ODA Loans

Procurement of goods and services covered by Japanese ODA Loans should be implemented in accordance with "Guidelines for Procurement under Japanese ODA Loans", dated April 2012. Employment of consultants should be implemented in accordance with "Guidelines for Employment of Consultants under Japanese ODA Loans", dated April 2012. "Principles of Procurement under the Project"

J. Institutional Arrangement:

NPDD	Component B
	Cooperative Sector
Recommending authority (for submission of proposals)	Implementation and Monitoring Cell (IMC) of National Dairy Development Board (NDDB)
State Implementing Agencies/ Implementing Agencies	NDDB - Nodal agency for project implementation and monitoring

End Implementing Agencies/PIs/POs	All State Dairy Federations and their constituent District/Taluka Level Milk Unions and farmer producer organisations, Government dairy/other registered Cooperative Unions (like dairy cooperatives registered under Multi State Coop. Act and Mutually Aided Cooperative Society Act etc.).
Village level Participating Agencies	All dairy cooperative societies and other agencies associated or affiliated to above SIAs or EIAs like village level NGOs, SHGs, Universities, Colleges, ICAR Institutes etc.

(a) Implementation Mechanism

The project will be implemented through National Dairy Development Board (NDDB) who in turn will implement it through the Producer oriented Institutions (POIs) such as State Dairy Federation, Multi State Milk Cooperatives, District/Taluka Milk Unions and Milk Producer Companies.

(b) Monitoring and policy decisions

(i) Central Project Steering Committee (CPSC)-

At the apex level, there will be a Central Project Steering Committee (CPSC), headed by Secretary (AHD), GoI, which will provide policy and strategic support to the project, monitor the progress of approved projects of NPDD component B, consider annual action plans, give policy directions and shall have the authority to re-appropriate component-wise fund requirement in approved programmes, change the eligibility conditions and other terms & conditions of the agreements between stakeholders, implementation arrangement and can change the composition of committees viz. CPSC, PSC and IMC.

Secretary, DAHD	Chairperson
Financial Advisor, DAHD	Member
Animal Husbandry Commissioner, DAHD	Member
Deputy Director General (Animal Sciences), ICAR	Member
Principal Secretary/ Secretary, Department of Animal Husbandry and Dairy of States (one each from North, South, East and West)	Member
MDs of State Dairy Federations (one each from North, South, East and West)	Member
Chairman, NDDB or his nominee	Member
Managing Director/ Executive Director, NDDB	Member
Group Head (FPS), NDDB	Member

Director NDRI Karnal	Member
NRLM-Representative	Member
Representative from JICA as an observer	Member
Joint Secretary (CDD), DAHD	Member Secretary

(ii) Project Sanctioning Committee (PSC)

Project Sanctioning Committee (PSC) will be headed by Secretary AHD, GoI and will have the authority to sanction projects, appraised and recommended by (IMC), NDDB for Component B. PSC will have power for re-appropriation of funds within the components, change norms and change unit cost of items of the project. PSC will also have power to re-appropriate funds within the approved sub projects of same POIs/IAs and decide the loan security mechanism for sub- projects (w.r.t component B). The PSC will meet quarterly or as frequently as necessary to ensure that proposals received from POIs/IAs are considered without unreasonable delay. The composition of PSC will be as under:

- I. Secretary, AHD, GoI –Chairman of the Committee
- II. Financial Advisor, DAHD
- III. Joint Secretary (Dairy Development), DAHD
- IV. Chairman, NDDB or his nominee not below the rank of Executive Director (ED)
- V. Executive Director / Group Head (FPS), NDDB
- VI. A representative from the concerned State Government and the State Dairy Federation would be an invitee while discussing the proposals pertaining to that particular state.
- VII. Representative from ICAR
- VIII. Representative from Rural Development
- IX. Representative from NRLM/concerned SRLM
- X. Deputy Commissioner (DD) / Assistant Commissioner(DD) , GoI – Member Convener

(iii) Programme Coordination Management Cell (PCMC)

A Programme Coordination Management Cell (PCMC) shall be created to provide Secretariat support to CPSC and PSC. PCMC will be responsible for analysis and placement of projects sent by IMC of NDDB to PSC, as well as for providing inputs to CPSC for successful implementation of the project as per the objectives. PCMC shall be headed by Joint Secretary (CDD). Project Management Consultant (PMC) under the Project Consultancy component will assist PCMC and IMC in the implementation of the project activities.

(iv) State Level Technical Management Committee (SLTMC)

At the State level, there will be a State Level Technical Management Committee (SLTMC), which will be headed by Additional Chief Secretary/Principal Secretary/Secretary/Commissioner of the State, comprising representative of DAHD, SRLM, State Dairy Federation and NDDDB as members for effective implementation and to have synergy among the similar dairy development programmes implemented in the State. SLTMC shall oversee state-level monitoring of the projects, the land availability for village level institutions like, primary dairy societies, bulk milk cooling centres and cattle feed plants, statutory requirements, co-ordination among PIs and NDDDB, policy support etc. All PoIs/SIAs shall be the member of the committee. For the SHG-run private dairies/producer companies, project proposals shall be submitted to the concerned SLTMC for recommending the same to Govt. of India. The composition of SLTMC will be as follows:

- i. Additional Chief Secretary/Principal Secretary/Secretary/Commissioner of DADF of the State Government – Chairman of the Committee
- ii. Representatives from Dairy Development/ Animal Husbandry Department of the State Government.
- iii. Representatives from Department of Animal Husbandry and Dairying, Government of India.
- iv. Representative from Department of Finance and Planning of the State Government
- v. District Magistrate of Scheme Districts or his representative.
- vi. CEO, State Livestock Board
- vii. Representative of SRLM
- viii. Managing Director, State Dairy Federation/Milk Producer Company – Member convener (for projects under Component A)
- ix. Representative of NDDDB (nominated by Chairman, NDDDB), Member convener (for projects under Component B)

(v) Implementation & Monitoring Cell (IMC)

An Implementation and Monitoring Cell (IMC) located at NDDDB, Anand, will appraise the project proposals and screen them based on merit and manage the implementation and monitoring of day-to-day project activities. IMC will forward the appraised project to PSC for consideration. IMC will be supported by various Technical Groups within NDDDB during implementation of the scheme and PMC. IMC will be headed by Managing Director/ Executive Director, NDDDB. IMC will

conduct due diligence with respect to re-appropriate the funds within the approved sub-components of the approved project and the securitization arrangements of loan component for sub-projects subject to concurrence of PSC. IMC shall identify necessary changes required in the programme for effective implementation and prepare policy proposals for decision of CPSC. It will also prepare annual action plan, comprehensive loan drawl plan (quarterly/half yearly/annually) as per reimbursement procedure as mentioned in schedule 6 and technical appraisal note/ document required for smooth implementation of the programme for consideration of CPSC.

K. PROJECT PREPARATION AND SUBMISSION OF PROPOSAL

- I. NDDB will conduct workshops for sensitization of the Project. Along with the workshop, training for strategic management, business planning and marketing strategy will be provided to potential Participating Institutions (PI).
- II. PI/PoIs with support from NDDB will prepare and submit sub-project proposal to IMC and SLTMC. IMC will conduct appraisal with support from NDDB's technical and functional groups. SLTMC after screening the sub-project will forward recommendation to GoI. In case PIs/PoIs need guarantee and/or grant to fill viability gap, SLTMC should send a commitment letter from respective state government along with recommendation to GoI. Once technical and financial assessment of the proposal is complete by IMC, a 'Note for approval' will be prepared and submitted to PSC for approval.
- III. In case environmental clearance/permissions are required to obtain, NDDB will scrutinize the compliance and inform PIs. PIs shall obtain those clearances prior to commencement of any project activities.
- IV. In order to have review from JICA, after sanctioning of sub-projects by PSC, IMC shall submit the Financing Request Format, Screening Format of each sub-project as per JICA Guidelines for Environmental and Social Considerations (April 2010) with IMC's Note for Approval.
- V. After obtaining all the required clearance, NDDB and PIs will sign Project Agreement. PIs will submit Fund Utilization Certificate (FUC) to IMC on monthly basis, and accordingly, NDDB will disburse the fund to PIs. While the sub-project will comprise

different components, NDDDB will manage and disburse fund of loan and grant separately.

- VI. IMC will monitor the progress of sub-projects including conducting field visit. IMC shall report the progress of sub-projects to DAHD, GoI with Copy to JICA.
- VII. The Project/subproject Proposals under Dairying through Cooperatives (DTC) JICA assisted project shall ensure optimal resource utilization and shall discourage avoidable expenditure and duplication/ overlap of activities.
- VIII. Special efforts must be made to re-commission idle equipment and equipment that is damaged but repairable. A list indicating condemned equipment's needs to be prepared and submitted as a part of the project. Proposal for fresh procurement shall be made only after making a realistic need assessment.
- IX. The DPR for individual projects shall be prepared based on the model Sub Project Proposal (SPP) annexed. The detailed Guideline/ procedure for preparing of a new project proposal along with model sub-project plan is available on DAHD/NDDDB website.
- X. The proposal shall include copies of FSSAI registration certificate for plant, process certification from BIS, balance sheet and a copy of income tax return of concerned POI of last financial year in the DPR.
- XI. The project proposal of PIs/PoIs duly recommended by SLTMC should be submitted to NDDDB with a copy endorsed to DAHD for consideration.
- XII. NDDDB shall submit DPR and appraisal note of all proposals received under the scheme to DAHD.
- XIII. IMC will monitor the progress of sub-projects including conducting field visit. IMC shall report the progress of sub-projects to DAHD.

L. Submission of Information:

POI shall submit following information on Quarterly basis to NDDDB with copy endorsed to DAHD (at the end of March, June, September & December):

- i) Project-wise and component-wise progress report indicating total outlay, loan and Grant assistance, PI/PoIs contribution, fund released (loan & grant) to PIs/PoIs, fund utilized by PI, unspent balance etc

ii) Physical progress vis-à-vis key parameters vis-a-vis approved physical parameters. Status of tender/ installation of dairy plant/BMC/ Cold storages/ Laboratory equipment's etc.

iii). Audited utilization certificate (duly authenticated by registered auditor and also countersigned by Administrative Secretary of concerned Department of State Government) to NDDB. NDDB shall propose release of fund based on the utilization and also for new proposal. In case of a new proposal, the progress of ongoing proposals in the state needs also be submitted.

iv) Audited report of expenditure vis-à-vis approved components/sub-components/items etc.

vi) SC/ST/Women population covered under the project.

M. Project completion report:

On completion a project, the SLTMC would review the achievements made under the project vis-a-vis targets and would submit a project completion report indicating its achievements, setbacks, operational status of Dairy plant/ BMC etc. alongwith a consolidated utilisation certificate (audited) and consolidated audited statement of expenditure, audited balance sheet of PoIs/PIs etc.

NDDB will be put up the following logo on at all facilities introduced under JICA's funding:



Model Sub Project Plan (SPP)

Under the project ‘Dairying through Cooperatives – Key to sustainable livelihood’

(Referred by JICA as “Project for Dairy Development”)

XYZ Cooperative Milk Union

June 2021

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Project at a Glance

Participating Institution (PI) : XYZ Milk Union

I. Eligibility Criteria for PI

I	Financial	Remarks
A	General Financial criteria (applicable for all PIs)	
1	Audit of accounts should be up-to-date and the auditor's observations should not contain any adverse opinion or disclaimer.	Up to date, no adverse opinion (FY 2019-20)
2	PI should not have any over-dues to any financial institution	No overdues
3	PI should not be in a default to any bank/ financial institution on the date of applying for loan.	No default to any financial institution
4	PI needs to contribute its share in the project/State Government may offer necessary grant to cover PI's contribution.	PI will contribute its share under the project
B	Additional Financial Criteria (applicable for PIs availing loan under the project)	
1	PI should have positive net worth.	Yes (FY 2019-20)
2	All outstanding dues to producer members should not exceed four payment periods.	Yes. Does not exceed one payment cycle
3	The financial returns of the project: Return on Investment (ROI) of 10% (minimum) and Debt Service Coverage Ratio (DSCR) of 1.5 times (minimum)	Yes ROI – ____% DSCR – ____ times
4	The loan to be secured through collateral security, which should preferably be minimum 1.5 times of the loan amount in terms of mortgage of immovable assets and hypothecation of movable assets. State Government guarantee shall give commitment to pay the dues in case of any shortfall.	Collateral security ____ times the loan amount
II	Institutional/ Governance	
1	PI has a duly constituted Governing Body such as Board of Directors/Management Committee as applicable to the legal form of the PI.	Yes, Board of Directors as applicable under the State Cooperative Societies Act
2	PI has a full time Chief Executive/Managing Director (or equivalent) and adequate number of qualified technical and managerial personnel at key positions.	Yes. The Union is headed by MD, having adequate technical and managerial personnel
3	PI is willing to amend Bye-laws in line with the model Bye-laws developed and circulated by NDDB	Yes
4	Fixed/ Undisturbed tenure for senior/ key management personnel including Managing Director/Chief Executive of PI. The PI needs to take consent of NDDB before transferring the Managing Director/Chief Executive.	Yes. Agreed
5	Board of the PI should nominate one expert each in the field of finance, Dairy Technology and marketing as independent directors	Yes
III	Technical	
A	Strengthening of Milk Procurement Infrastructure:	

/Draft/
Model Sub Project Plan for PI under DTC scheme

1	PI should have its own milk processing facilities or have a forward linkage with an existing milk processing facility.	Yes
2	PI/DCS should have the land/ premises for setting up the Bulk Milk Coolers/construction of building for DCS or BMC free from any encumbrances.	Yes. Own/leased land and is encumbrance free
3	PI already has in place IT based reporting and monitoring systems.*	Yes
4	PI should be capable in organising producers' institutions, maintaining transparency in the processes of milk collection at village level, milk quality testing, timely payments to milk producers and grievance redressal system in place.	Yes
B	Strengthening of Processing Infrastructure:	
1	PI should have required environmental/ statutory clearances for setting up of plants.	Yes (encumbrance free land) Milk Union will ensure required environmental/ statutory clearances
2	PI should have its own land/ long term lease, free from encumbrances, in case of setting up of new plant or expansion of existing plant. In case of lease, requisite No Objection Certificate from the concerned authority for mortgage to NDDB would have to be obtained.	Yes (own land at existing location for milk processing plant & lease land for CFP)
C	Strengthening of Marketing Infrastructure:	
1	PI should have own/leased milk processing facility and marketing network for sale of liquid milk & milk products	Yes
D	Support for ICT Infrastructure:	
1	PI should have its own milk processing facilities or have a forward linkage with an existing milk processing facility.	Yes
2	PI should have competent manpower to manage ICT Infrastructure and applications	Yes
E	Productivity Enhancement	
E1	Nutritional interventions for PE:	
1	PI will identify/recruit technical manpower exclusively for the project.	Yes
2	PI has its own plants for manufacturing and supply of cattle feed (pregnancy feed, calf starter & calf growth meal) and mineral mixture, or have an assured tie up for sourcing these products.	Yes
3	PI has implemented Animal nutrition activities (Ration Balancing Programme (RBP)/Fodder development) under NDP I successfully.*	Yes
4	PI will create corpus from the beginning, for sustainability of the activity.*	Yes, Agreed
E2	Fodder Development:	
I	Fodder Seed Production and distribution/Fodder Conservation and green fodder enhancement and fodder technology demonstration:	
1	PI should have a network of village level farmers organisations such as village Dairy Cooperative Societies, Milk Producers' Institutions and Self Help Groups and having experience in conducting demonstrations for technology transfer at field level.	Yes
2	PI should have capacity to formulate and implement a sound plan for demonstrations.	Yes
3	PI has prior experience in this area.*	Yes
II	Crop residue management	
1	PI must have the capacity to formulate and implement a sound plan for crop residue enrichment and densification.	Yes

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2	PI has prior experience in this area.*	Yes
3	PI should have land (free of encumbrances) for setting up the units.	Yes
4	Availability of surplus crop residues in the area in large quantity from cereal /cash /fodder crops.	Yes
5	Preference of network of village level farmers organisations such as village Dairy Cooperative Societies, Milk Producers' Institutions and Self Help Groups for implementation work	Yes

*Preference would be given to PI meeting this criteria

II. General Information about the PI

1	Legal form of participating Institution	:	Milk Cooperative (registered under State Co-operative Societies Act, __ <i>(year)</i> __)
2	Year of Registration	:	
3	Area of Operation (Districts/Talukas)	:	ABC and KLM districts
4	Name of Managing Director	:	Smt./ Shri. _____

III. Financial Status (Figures in Rs. Lakh)

Particulars	2016-17	2017-18	2018-19	2019-20	2020-21
Annual turnover					
Share capital					
Net profit					
Accumulated Net Profit / Loss (-)					
Net-Worth					

IV. Existing status and Future Projections

a. Coverage of Milk Union

No.	Particulars		Unit	Base Year (2020-21)	Future Projections (Cumm.)				
					2021-22	2022-23	2023-24	2024-25	2025-26
1	Village Level Institutions	Organised DCS/MPI	Nos.						
		Functional DCS/MPI	Nos.						
2	Village Coverage	Functional DCS/MPI	Nos.						
3	Producer Members	Functional DCS/MPI	'000 Nos.						
4	Pourer Members	Functional DCS/MPI	'000 Nos.						
5	Total Pourers (members + non-members)	Functional DCS/MPI	'000 Nos.						
6	Total women members	Functional DCS/MPI	'000 Nos.						
7	Producer Members per functional DCS/MPI		Nos.						
8	Avg. milk procurement per member		KgPD						
9	Avg. procurement per DCS/MPI		KgPD						

b. Milk Procurement

No.	Particulars	Unit	Base Year (2020-21)	Future Projections				
				2021- 22	2022- 23	2023 -24	2024- 25	2025 -26
1	Milk Procurement from Functional DCS/MPI	TKgPD						
2	Bulk Milk Procurement	TKgPD						
3	Total milk procurement (1+2)	TKgPD						

c. Sale of liquid milk & milk products

No.	Particulars		Unit	Base Year (2020-21)	Future Projections				
					2021 -22	2022 -23	2023 -24	2024 -25	2025 -26
1	Liquid milk sale	Packed Liquid Milk Sale	TLPD						
		Bulk milk sale	TLPD						
		Total	TLPD						
		Milk marketing as % milk procurement	%						
2	Value Added Products	Butter	MTPD						
		Ghee	MTPD						
		Curd	MTPD						
		Lassi	TLPD						
		Flavoured milk	TLPD						
		Others_____							
		Others_____							
		Others_____							

d. Sale of cattle feed, mineral mixture and fodder seeds

No.	Particulars		Unit	Base Year (2020-21)	Future Projections				
					2021- 22	2022- 23	2023 -24	2024- 25	2025 -26
1	Cattle feed sale		MT						
2	Mineral Mixture sale		MT						
3	Fodder seed sale	Kharif	Qtl						
		Rabi	Qtl						

V. Dairy Infrastructure of the PI

a. Liquid Milk Processing Infrastructure

No.	Particulars	Existing Status (As on date __/__/____)		Proposed Requirement by 2025-26 (EoP)
		Location of Plant	Existing Capacity (TLPD)	
a.1	Milk Processing Plant	PQR		Refurbishment/Expansion : ____ TLPD New Plant: ____ TLPD (location PQR)
		Plant 2: _____		
		Plant 3: _____		

b. Value Added Products Manufacturing Infrastructure

No.	Particulars	Existing (As on date __/__/____)		Proposed Requirement by 2025-26 (TLPD/MTPD)
		Existing Numbers (Nos.)	Existing Capacity (TLPD/MTPD)	
A	Drying Capacity (MTPD)			
B	Butter (MTPD)			
C	Ghee (MTPD)			
D	Dahi/Yogurt (MTPD)			
E	Lassi (TLPD)			
F	Aseptic Flavoured Milk (TLPD)			
G	Indigenous Sweets (MTPD)			
H	Others_____			
I	Others_____			
J	Others_____			

c. Feed and Feed Supplement Manufacturing Infrastructure

No.	Particulars	Existing (As on date __/__/____)		Proposed Requirement by 2025-26 (MTPD)
		Location of Plant	Existing Capacity (MTPD)	
A	Cattle Feed	(____)		Refurbishment/Expansion : ____ MTPD New Plant: ____ MTPD (location____)
B	Bypass protein plant	(____)		Refurbishment/Expansion : ____ MTPD New Plant: ____ MTPD (location____)
C	Mineral Mixture	(____)		Refurbishment/Expansion : ____ MTPD New Plant: ____ MTPD (location____)

d. Chilling and Testing Infrastructure

No.	Particulars	Existing (As on date __/__/____)		Proposed Requirement by 2025-26 (EoP)
		Existing Numbers	Existing Capacity (TLPD)	
I	Bulk Milk Coolers (BMCs)			
	1 KL BMC			NA
	2 KL BMC			
	3 KL BMC			NA
	5 KL BMC			NA
	10 KL BMC			NA
ii	Chilling Centres			NA
	Total Chilling capacity (i+ii)			
Iii	Milk Testing Lab (district/state level)			
Iv	Automatic Milk Collection Unit (AMCU)			
v	Data Processing & Milk Collection Unit (DPMCU)			

VI. Key Performance Indicators

No.	Project Performance Indicators	Unit	Base-line figure (Yr ____)	Incremental Targets					EOP (Cumulative Targets)
				Yr 1 (____)	Yr 2 (____)	Yr 3 (____)	Yr 4 (____)	Yr 5 (____)	
A	Strengthening Milk Procurement Infrastructure								
A1	New DCS/MPI to be set up	Nos.							
A2	DCS/MPI to be strengthened	Nos.							
A3	DCS Building to be established	Nos.							
A4	DCS/MPI to be covered through Electronic Testing Equipment (AMCU/DPMCU)	Nos.							
A5	Additional Producers to be enrolled	'000 Nos.							
A6	% of women members of total members enrolled	%							
A7	Capacity of BMCs to be installed	TLPD							
A9	BMC Building to be established	Nos.							
A10	Methylene Blue Reduction time (MBRT) of raw milk	in mins							
A11	Milk Procurement (Annual)	TKgP D							
B	Strengthening of Processing Infrastructure								
B1	Milk Processing Capacity to be created	TLPD							
	Reduction in effluent generation (in case of refurbishment of plant)	%							
	Reduction in electricity usage (in case of refurbishment of plant)	KWH/ litre of milk processed							
	Reduction in usage of fossil fuels (in case of refurbishment of plant)	Litres / litre of milk processed							
B2	Value Added Products Capacity to be created	TLPD/ MTPD							
	Product 1 ____	TLPD/ MTPD							
	Product 2 ____	TLPD/ MTPD							
	Product 3 ____	TLPD/ MTPD							
B3	Feed & Feed Supplement Manufacturing capacity to be created	MTPD							
	Cattle Feed	MTPD							
	Bypass Protein	MTPD							
	Mineral Mixture	MTPD							

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No.	Project Performance Indicators	Unit	Base-line figure (Yr ____)	Incremental Targets					EOP (Cumulative Targets)
				Yr 1 (____)	Yr 2 (____)	Yr 3 (____)	Yr 4 (____)	Yr 5 (____)	
C	Strengthening of marketing Infrastructure								
C1	Milk Parlour	Nos.							
C2	Walk-in-Cold Store	Nos.							
C3	Insulation for Vans	Nos.							
C4	Liquid Milk Sale by the PI	TLPD							
C5	% increase in the sales volume of Value Added Products	%							
D	Support for ICT								
D1	DCS to be covered under AMCS	Nos.							
E	Productivity Enhancement – through nutritional interventions								
E1	Calf Rearing Programme (CRP)								
1	Villages to be covered	Nos.							
2	Pregnant Animals to be covered	Nos.							
3	Female Calves to be covered	Nos.							
E2	Animal Nutrition Advisory Services								
1	Villages to be covered	Nos.							
2	Farmers to be covered	Nos.							
3	Animas to be covered	Nos.							
E3	Fodder Development								
1	Fodder seed distributed								
	-Fodder Seed distributed	MT							
	-Plantation of root/stem cuttings	Lakh nos.							
	-Plantation of fodder trees	Lakh nos.							
2	Mower distributed	Nos.							
	-High speed wet biomass management unit	Nos.							
	-Upto 5 HP	Nos.							
	-5 to 15 HP	Nos.							
	-Over 15 HP	Nos.							
3	Chaff Cutter distributed (power/manual)	Nos.							
4	Fodder storage godown	Nos.							
5	Silage Unit created	Nos.							
6	MTC set-up	Nos.							
7	Villages to be covered	Nos.							
8	Farmers to be covered	Nos.							
F	Training and Capacity Building								
F1	Persons to be trained/capacity developed	Nos.							
	Officers	Nos.							
	Staff	Nos.							
	Farmers	Nos.							

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VII. Financial Outlays of the Sub Project (Rs. Lakh)

No.	Particulars	2021-22	2022-23	2023-24	2024-25	2025-26	Total
A	Strengthening Milk Procurement infrastructure						
B	Strengthening Processing Infrastructure						
B1	Milk processing facilities and manufacturing facilities for Value Added Products						
B2	Feed & feed supplements manufacturing infrastructure						
C	Support for Marketing infrastructure						
D	Support for ICT Infrastructure						
E	Productivity Enhancement – <i>through nutritional interventions</i>						
F	Training and Capacity Building						
	Total						
	Grant (GoI)						
	Loan						
	PI's/State's Contribution						

VIII. Sub Project Financial Analysis

No.	Financial Indicators	Base case	Sensitivity (10% reduction in procurement & sales)	Norms
1	Return on Investment (RoI)			>10%
2	Debt Service Coverage Ratio (DSCR)			>1.50

1. Introduction

1.1. Overview of Operational Area of the Union

XYZ Cooperative Milk Union was established in the year _____. The area of operation of the Union is two districts of the State, namely _____ABC_____ and _____KLM_____. Detail of profile of operational area of Milk Union is given in the table below:

Table 1: Details of Operational Area of the Milk Union

No.	Particulars		Unit	Operational area of XYZ Milk Union
1	Area		'000 sq. km.	
2	Revenue villages		Nos.	
3	Total population		Lakh 'Nos.	
4	Rural population		Lakh 'Nos.	
5	Rural Household		Lakh 'Nos.	
7	In milk animals	Indigenous cattle	Lakh 'Nos.	
		Crossbred cattle		
		Buffalo		
8	In-milk animal Productivity	Indigenous Cattle	KgPD	
		Crossbred Cattle		
		Buffalo		
9	Milk production		TKgPD	
10	Estimated marketable surplus		TKgPD	

1.2. Past performance of the Union

- Milk procurement network:

As on March 2021, the Union has _____ organised DCS of which _____ are functional. About _____ lakh milk producers are members of DCS with _____% women members (_____ lakh women members). Milk procurement and liquid milk sale of the Union is increasing at a CAGR of _____% and _____% respectively over past 5 years. Details of past performance of the Union are given in the Table below:

Table 2: Details of Past Performance of the Milk Union

No.	Particulars	Unit	Past performance					CAGR
			16-17	17-18	18-19	19-20	20-21	
1	Organised DCS/MPI	Nos.						
2	Functional DCS/MPI	Nos.						
3	Villages covered by Functional DCS/MPI	Nos.						
4	Producer Members (Functional DCS/MPI)	'000 Nos.						

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No.	Particulars	Unit	Past performance					CAGR
			16-17	17-18	18-19	19-20	20-21	
5	Pourers	'000 Nos.						
6	Women Members	'000 Nos.						
7	Producer Members per functional DCS/MPI	Nos.						
8	Avg. milk procurement per member	KgPD						
9	Avg. procurement per DCS/MPI	KgPD						
10	Milk Procurement from DCS/MPI	TKgPD						
11	Bulk milk procurement	TKgPD						
12	Liquid Milk Sales	TLPD						
13	Bulk milk sale	TLPD						
14	Major Input Services provided							
	Cattle Feed sale	MT						
	Mineral Mixture sale	MT						
	AI Done	'000 Nos.						

- Competitors profile:

The milk procurement by competitors in the operational area of the POI:

Table 3: Milk procurement in the operational area

Particulars	Player 1	Player 2	Player 3
Brand name			
Milk procurement (2020-21) (TKgPD)			
Average price paid to farmers (Rs. per litre)			

- Chilling capacity:

The chilling capacity of the Union is as given below:

Table 4: Chilling and testing infrastructure with the Union

No.	Particulars	Unit	Past performance				
			16-17	17-18	18-19	19-20	20-21
i	Bulk Milk Coolers (BMCs)						
	- Nos.						
	- Capacity						
ii	Chilling Centres						

No.	Particulars	Unit	Past performance				
			16-17	17-18	18-19	19-20	20-21
	- Nos.						
	- Capacity						
iii	Milk Testing Lab (district/state level)						
iv	Automatic Milk Collection Unit (AMCU)						
v	Data Processing & Milk Collection Unit (DPMCU)						
vi	Electronic Adulteration Testing Machine						

The details of existing chilling and testing infrastructure is given in **Annex I**.

- Quality of milk:

About ___% of total milk procured is received through tankers (___ TKgPD) and ___% through Cans (___ TKgPD). The MBRT of milk received at the dairy are as under:

Table 5: MBRT of milk received at the dairy

Particulars		MBRT (in minutes)
Chilled milk	Chilling centre	
	BMC	
Raw milk	Cans	

Quality of milk received at the Union and the price paid to the producer members:

Table 6: Quality of milk received and price paid to farmers

Particulars	16-17	17-18	18-19	19-20	20-21
Avg. Fat (%)					
Avg. SNF (%)					
Avg. milk procurement price (including price difference) (Rs. per Kg)					

- Milk processing

At present, the Union has a processing plant of ___ TLPD capacity at ___PQR___ city. The plant was established in the year ____.

Table 7: Details of Milk Processing Capacity of the Union

No.	Particulars	Unit	Capacity
1	Milk Processing Plant	TLPD	

No.	Particulars	Unit	Capacity
2	Raw milk silos	KL	
3	Pasteurised milk silos	KL	
4	Pasteuriser	KLPH	
5	Homogenizer	KLPH	
6	Cream separator	KLPH	

The Union manufactures milk products like butter, ghee, curd, lassi, flavoured milk, _____, _____ and _____ in the existing plant.

Table 8: Value Added Products Plant Capacity of the Union

No.	Particulars	Unit	Capacity
1	Butter	MTPD	
2	Ghee	MTPD	
3	Curd	MTPD	
4	Lassi	TLPD	
5	Flavoured Milk	TLPD	
6	Others _____	TLPD/MTPD	
7	Others _____	TLPD/MTPD	
8	Others _____	TLPD/ MTPD	

- Marketing of liquid Milk & Milk Products

The details of liquid milk demand and share of various players is given in the table below:

Table 9: Liquid Milk Demand & Sales in Union's Operational Area

No.	Particulars	Unit	Figures
1	Cities covered for marketing		<i>(name of cities)</i>
	Milk Demand	TKgPD	
2	Liquid Milk Sale	TLPD	
	XYZ Milk Union	TLPD	
	Private Players 1____	TLPD	
	Private Players 2____	TLPD	
	Unorganised Sector	TLPD	

The Union sells packed liquid milk & milk products under the brand name 'XYZ Milk'. The details of sales of liquid milk and value added products by the Union is given below:

Table 10: Details of sale of liquid milk & value added products by the Milk Union

No.	Product	Unit	Avg. Fat %	Avg. SNF %	Quantity sold
A.	Liquid milk				
1	Toned Milk	TLPD			

No.	Product	Unit	Avg. Fat %	Avg. SNF %	Quantity sold
2	Double Toned	TLPD			
3	Standard Milk	TLPD			
4	Full Cream Milk	TLPD			
B.	Value Added Products				
1	Butter	MTPD			
2	Ghee	MTPD			
3	Curd	MTPD			
4	Lassi	TLPD			
5	Flavoured Milk	TLPD			
6	Others_____				
7	Others_____				
8	Others_____				

The overview of marketing infrastructure of the Union is as given below in the table:

Table 11: Details of marketing infrastructure of the Milk Union

No.	Particulars	Unit	Figure (2020-21)
1	Distributors	Nos.	
2	Retailers	Nos.	
3	Franchisee	Nos.	
4	Exclusive Milk Booth/ Parlours	Nos.	
5	Insulated vehicles	Nos.	
	- Capacity	TL	
6	Refrigerated vehicles	Nos.	
	- Capacity	TL	
7	Retailers having Visi coolers	Nos.	
8	Retailers having Deep Freezer	Nos.	
9	Walk-in-Cold store	Nos.	
	- Capacity	TL	

1.3. Financial status of the Union

- The past financial performance of the Union is given below:

Table 12: Financial Performance of the Union in past 5 years

No.	Particulars	Past Performance (Rs. lakh)				
		2016-17	2017-18	2018-19	2019-20	2020-21
1	Annual turnover					
2	Share capital					
3	Net profit					
4	Accumulated Net Profit/ Loss (-)					
5	Net-Worth					

- Assistance received by the Union under various central/ state Government schemes for Dairy Development activities over last 3 years is given in the table below:

Table 13: Assistance received by the Milk Union under various schemes

No.	Scheme name	Loan Amount (Rs. lakh)	Grant Amount (Rs. lakh)	Union's share (Rs. lakh)	Total Outlay (Rs. lakh)	Purpose
1						
2						
3						

- Long term borrowings from NDDB and other Banks/ Financial institutions is given in the table below:

Table 14: Long term borrowing by the Union

No.	Name of Agency	Amount received (Rs. in lakh)	Purpose	Repayment Status
1				
2				

2. Overview of Sub Project

2.1. Objective of the Sub Project

The objective of the sub project is to increase sales of milk and milk products by increasing farmers' access to organised market, upgrading milk processing facilities and marketing infrastructure and enhancing the productivity of milch animals through animal nutrition intervention, thereby contributing to increase in returns to the producer members in the operational area of the union.

2.2. Sub Project Area

The proposed activity would be implemented in the operational area of the Union i.e _____, _____ districts.

2.3. Activities proposed

Following activities have been proposed under the project:

- Strengthening Milk Procurement Infrastructure
- Strengthening of Milk Processing Infrastructure
- Support for Marketing Infrastructure
- Support for ICT Infrastructure
- Productivity Enhancement- *through nutritional interventions*
 - Calf Rearing Programme (CRP)
 - Animal nutrition advisory services
 - Fodder development

2.4. Beneficiaries

After implementation of the Sub Project, milk producers of the DCS affiliated to the Milk Union will be benefitted. This would help in increasing the income of milk producers and make available quality milk & milk products to the consumer.

3. Sub Project Components Rationale & Design

3.1. Component A: Strengthening milk procurement infrastructure

3.1.1. Rationale

- At present, The Union has covered only ___% revenue villages and procures about ___% of milk marketable surplus villages in its operational area. The Union is facing competition from private players and unorganised players in milk procurement operations. The Union envisages expanding its coverage by setting-up new DCS in uncovered villages and enrolling more milk producer members in existing DCS. To maintain transparency and build trust of producer members in milk procurement operations and improve quality of milk received, the Union needs to set-up Electronic milk testing equipment and BMCs at DCS level.

3.1.2. Component Design

Under this component following activities have been proposed:

- i. Setting-up of new Dairy Cooperative Society (DCS)
 - a. Milk collection accessories including testing equipment and furniture, etc.
 - b. Management grant to village level functionaries of new DCS
- ii. Installation of electronic milk testing equipment (AMCU)
- iii. Installation of Bulk Milk Coolers (BMC)
- iv. Building for DCS/BMC
- v. Tankers for milk transportation

The list of villages proposed for setting-up of new DCSs/ strengthening of existing DCS is given in **Annex II**.

The list of proposed DCSs for setting up of Electronic milk testing equipment at BMC locations/DCS considered for strengthening is given in **Annex III**.

The list of proposed location wise requirement of BMC capacity is given in the **Annex IV**.

3.2. Component B: Strengthening of Milk Processing Infrastructure

3.2.1. Rationale

- At present Union has a milk processing plant of ___ TLPD capacity which was established in the year _____. The details of

existing land area & civil structure and existing plant equipment is provided in **Annex V-A** and **Annex V-B**.

- The milk procurement is increasing at CAGR of __% since last 5 years and is expected to grow at CAGR of __% in the next 5 years. Considering the milk procurement activities proposed under the project and the past growth rate of milk procurement, it is estimated that in next 5 years the milk procurement volume will reach to ____ TKgPD from villages in its operational area.
- To handle the increased milk procurement, the Union proposes to establish a new automated dairy plant of ____ TLPD capacity along with value added product manufacturing facility at the existing location (_____).
- In the project area, due to poor economic condition of milk producers and lack of awareness, the practice of feeding cattle feed & feed supplements like mineral mixtures is not uniform. There is a need to encourage milk producers for feeding the animals with cattle feed and mineral mixture in the project area. The Union does not have its own manufacturing capacity for cattle feed & mineral mixture. Therefore, it is proposed to establish a new cattle feed plant of ____ MTPD along with mineral mixture plant of ____ MTPD capacity, which will help in making available feed & feed supplements at reasonable rate to our milk producers as feeding of quality feed and feed supplements are crucial for improving milk productivity in animals.

3.2.2.Component Design

B1: Milk Processing Facilities and manufacturing facilities for Value Added Products

- Proposed new milk processing plant details
The Union proposes to set up a new ____ TLPD milk processing plant to handle projected milk procurement and meet market demand of quality pasteurised milk.
- Land and location
The existing plant (____ TLPD) of the Union is located at outskirts of PQR city. At the existing location, the Union has its own land which is encumbrance free and is available to establish a new ____ TLPD milk processing plant, along with milk products facilities.
- Site development
The location is already fenced. The Union will take necessary actions such as levelling the land, etc. for construction of new

plant under the project. The filled-in site selection format is given in **Annex VI-A**.

- Layout and building

The civil works comprise of main processing building, which includes Tanker Reception Bay, Main processing hall, provision for manufacture of other products, cold storage, CIP, Laboratory, quarters, office, garages, security post etc. The factory building for the milk reception, quality control, processing, packing and storage of milk products should be as per approved standards. The essential sections of a milk Tanker Reception Bay - consisting of can conveyor, can washer, weighing balance, dump tank etc.

- Processing Hall - cream separator, chiller, homogenizer, pasteuriser and other related machinery are installed.
- Storage area- for milk storage tanks.
- Products manufacturing area-depends upon the type of products, quantity of milk handled and the machinery to be installed.
- Packing area-for packing of liquid milk and other products.
- Cold storage-for keeping the milk and milk products before sending to market.
- Quality Control Laboratory-for testing the quality of milk and milk products.
- Utilities area-for installing boiler, generator set, water treatment plant, maintenance and store area for spares.
- Effluent Treatment Plant area for treating the dairy effluents before being discharged.
- Office area-for all the essential staff.
- Vehicle parking area-both for the milk procurement and distribution vehicles.
- Input supply area- for providing veterinary service, supply of feed, fodder seeds, etc.

- Plant and machinery

The buildings and equipment required for establishment of capacity of new milk processing plant along with its specification is given in **Annex VII-A**.

B2: Feed & Feed Supplement Manufacturing Infrastructure

- Proposed new feed & feed supplement plant details

The Union proposes to establish ____ MTPD cattle feed plant along with by-pass protein feed (____ MTPD) and mineral mixture (____ MTPD) manufacturing facilities to cater to the demand of its producer members.

- Land and location

The plant is envisaged to be established at MNO location which is well connected by road and railway. Most of the raw materials can be procured locally or from neighbouring states. It is estimated that approximately ___ acres of land would be required to house the plant as well as the raw material and finished goods godowns. The Union has its own land of ___ acres which is encumbrance free where the proposed plant can be set-up. The filled-in site selection format is given in **Annex VI-B**. The buildings and equipment required for establishment of capacity of new milk processing plant along with its specification is given in **Annex VII-B**.

- Type of feed

The Union is envisaging to manufacture BIS Type I and Type II cattle feed, mineral mixture and by-pass protein feed at the proposed plant.

3.3. Component C: Support for Marketing Infrastructure

3.3.1. Rationale

- At present, the Union is selling ___ TLPD liquid milk in its operational area under brand name ___, whereas demand of liquid milk is ___ TLPD. The Union targets to sell ___ TLPD liquid milk by 2025-26 by increasing its share in liquid milk demand from ___% to ___%.
- To enhance perception of consumers about the milk products of the Union there is need to strengthen cold chain infrastructure and establish additional milk parlours so that good quality milk products can be made available at desirable temperatures to the consumers.
- The marketing and sales plan of the Union over next three years is given in **Annex VIII**.

3.3.2. Component Design

Under this component following activities have been proposed:

- Strengthening marketing cold chain infrastructure by:
 - Establishing walk-in cold stores
 - Insulation of marketing vans
 - Establishing Milk Parlours with visi-coolers and deep freezers
- Conducting consumer awareness programmes highlighting the benefits of packed liquid milk over loose milk, dangers of loose milk in terms of hygiene, quality, etc.

- Conducting marketing studies and market promotion activities

3.4. Component D: Support for ICT Infrastructure

3.4.1. Rationale

- Information & Communication Technologies (ICT) plays a pivotal role in maintaining transparency and improving operational efficiency of a business. It is necessary for the Union to promote the use of ICT to remain competitive. ICT will be helpful at all levels of dairy value chain by increasing traceability, reducing turn-around time and maintaining transparency in operations. It is very important that benefit of ICT should also reach to the milk producers. To build transparency in milk bill payment ICT can play a pivotal role by daily informing the milk producers about the quantity & quality of milk poured and its value. Under the project, it is proposed to establish Automatic Milk Collection System (AMCS).

3.4.2. Component Design

- AMCS is a software to streamline milk collection operations at village level and provide farmers and other stakeholders with latest information on milk procurement transactions on real-time basis.
- Necessary arrangement of the hardware and software required for implementation will be installed suitably. The software would be installed at DCS level, connectivity with Union Portal will be established, interface with various equipment will be managed, the software will be configured, the initial data from union portal will be updated and DCS would be guided to manage / update master data.
- It will help in bringing transparency in the milk collection operations, improve process efficiency and provide real time information to dairy cooperatives. AMCS will enable milk bill payment directly to farmers' bank accounts. Farmers will get instant SMSs for every transaction and have access to all past transactions with AMCS android application.

3.5. Component E: Productivity Enhancement

3.5.1. Rationale

- The milk productivity of milch animals in the operational area is very low. Low milk production by indigenous cows and buffaloes can be attributed to several reasons of which imbalanced nutrition is one of the major factors. Also, feeding accounts for about 70% of the cost of milk production. To

improve the profitability and income from dairy farming, the Union proposes to implement productivity enhancement activities such as Calf Rearing Programme (CRP), Animal Nutrition Advisory Services and Fodder Development activities in its operational area.

E.1: Calf Rearing Programme

- In order to improve the productivity and lifetime milk production, Calf Rearing Programme is proposed to be implemented by the Union. It would help in addressing the issues of high calf mortality, delay in sexual maturity and longer calving interval, which are the major causes of economic loss to the farmers.
- Under the programme, pregnant animals will be fed with specific feed optimally. Subsequently, proper feeding and management of healthy born calves would help in their growth at desired rate.

E.2 Animal Nutrition Advisory Services:

- To maximise profitability in dairy farming and to achieve maximum yield as per their genetic potential, it is important to feed animals optimally during transition as well as in early phase of lactation.
- Feeding of quality feed and feed supplements are crucial for improving productivity and reproductive performance in animals. Due to lack of awareness on balanced feeding, the ration of dairy animals remains often deficient with certain critical nutrients that are important for milk production and reproduction.
- Thus, under the project, milk producers will be encouraged to feed the animals with fodder, cattle feed & mineral mixture in a balanced proportion with the help of 'Pashu Poshan' application.

E.3 Fodder Development:

- Availability of green fodder round the year is critical as green fodder is the source of nutrients for milch animals. The shortage of green fodder in the operational area poses a major challenge for the Union to meet the nutritional requirement of livestock.
- In the operational area of the Union, the main constraints for enhancing availability of green fodder are limited land under fodder production, shortages of improved certified fodder seeds, poor adoption of fodder conservation practices, lack of adequate management of common / fallow lands, wasting of fodder by feeding un-chaffed fodder and lack of awareness among farmers about latest & improved fodder production &

conservation technologies. To make available green fodder throughout the year, it is important to conserve fodder in the form of silage when it is abundant at particular season. Thus, Union proposes to enhance green fodder production and promotion of fodder conservation technologies & crop residue management at field level in its operational area.

3.5.2.Component Design

E1 Calf Rearing Programme

- An Animal Nutrition Officer (ANO) will be responsible for project implementation and monitoring.
- One CRP supervisor would be identified for about 10 villages
- Advanced pregnant cows (minimum 7 months pregnant) and buffaloes (minimum 8 months pregnant) will be identified, depending upon the availability of milch breeds.
- During advanced pregnancy stage, pregnancy feed will be given to identified animals @ 3 kg per day/animal for 60 days prior to calving.
- On calving, CRP supervisor would ear tag the female calves with 12 digit unique ear tag provided in the project and record data in INAPH software using tablet/android phone.
- Calf starter (225 kg/animal for 26 weeks), calf growth meal (1435 kg/animal for 82 weeks) would be made available for each animal.
- Transition feed (4 kg per day for 111 days) will be provided to the Dams in order to achieve higher milk yield, longer lactation length and to reduce metabolic disorders.
- Farmers will be oriented on 'Pashu Poshan' application for generating balanced ration advice by themselves.
- After completion of six months of project implementation, awareness campaigns for farmers will be organized by the CRP supervisor.

E2 Animal Nutrition Advisory Services

- An Animal Nutrition Supervisor (ANS) will conduct village awareness programme to popularise various feed supplements and their importance.
- Demonstration of benefits of mineral mixture feeding to 40 animals in a village will be done in phased manner. Animal will be provided 100 gm/day mineral mixture for 300 days. Benefits of feeding mineral mixture through these animals will be demonstrated to other farmers in the village by conducting Village Awareness Programmes (VAPs).

- Demonstration for positive effects of Transition feed and early lactation feed (4 kg for 111 days per animal) will be carried out (for about 10 animals per village).
- Popularisation of 'Pashu Poshan' application will be done to promote balanced feeding.
- Pamphlets and reading materials will be provided to farmers in local languages.
- All the transactions will be captured in INAPH software.

E3 Fodder Development Activities

- Fodder Development Officer (FDO), Animal Nutrition Officer (ANO) and Animal Nutrition supervisors (ANS) will be responsible for project implementation and monitoring (same for all PE activities).
- The Union will identify farmers to provide support for TL/Certified/ Hybrid fodder seeds and to encourage use of mowers.
- Under the project, Manual chaff-cutters will be provided to marginal & small farmers and Power chaff-cutters will be provided to large farmers.
- The Union will identify and develop entrepreneurs at village level who will organise production of green fodder on medium and large farmers' fields under buy- back arrangement with DCS and conserve it in the form of silage.
- Union will identify progressive farmer in villages for making available premises for setting-up of Micro Training Centre (MTC). The operations of MTC will be managed by the Union.
- For Commercial fodder production, the PI will finalise land on lease in the village and develop the land in a scientific manner for fodder production. The fodder thus produced will be sold to landless households, marginal and small farmers.

The list of villages proposed for implementation of CRP, AN advisory services and Fodder development activities is given in **Annex IX**.

3.6. Component F: Training and Capacity Building

- Training & capacity development of Union Staff, DCS staff and producer members is an important aspect for success of the sub project. Thus, under the sub project, the Union proposes to focus on capacity building of its manpower in all spheres of dairying operations along with awareness & extension activities for milk producers.

4. Sub Project Implementation Arrangement

4.1. Implementation arrangement

4.1.1. Sub Project Management Committee (SPMC)

- At the PI level, a Sub Project Management Committee will be constituted for monitoring and reviewing activities under various components being implemented under the project, which will be headed by Managing Director (MD) of the Milk Union.
- The members of the Committee will be:
 - i. Managing Director/ Chief Executive Officer / General Manager of the Milk Union (Chairperson)
 - ii. Section/Department Heads (Purchase, Finance & Accounts, HR & Admin, Procurement & Inputs, Plant & Engineering, Marketing & Sales, IT/MIS.)
 - iii. Sub-Project Coordinators (all components proposed under the project)
 - iv. Grievance Redressal Officer (GRO)
 - v. NDDB representative
 - vi. MIS Officer – who shall be the member convener
- The Committee, if desires, may also call special invitees to attend the meeting. The Committee will meet at least once a quarter to review the progress of sub project activities.
- The roles & responsibilities of the Committee will be:
 - To review the progress of the sub project (component wise) and provide quarterly reports (as may be required) to Implementation & Monitoring Cell (IMC) in NDDB in specified formats.
 - To prepare long term strategies, action plans, take policy decisions related to sub project implementation, including approval of budget, expenditure, reimbursement and release of advances, entering into contracts with agencies and other organizations, etc.
 - Post sanction, timely execution of project agreements and ensure regular utilisation & repayment of loan as per the terms and conditions prescribed in the loan agreements.
 - Resolve issue and bottlenecks during sub project implementation.
 - Regularly review the status of grievance redressals under the sub projects and provide guidance/directions, if required.
 - Provide required support to auditors appointed under the project.

- Ensure timely submission of required data, information and reports to IMC (located at NDDDB).

4.1.2.Sub Project Implementation Cell (SPIC)

- To effectively implement each component under the project, a Sub Project Implementation Cell will be constituted at PI level for each component.
- The Cell will be headed by Sub Project Coordinator (PC) who will be appointed by MD of the PI and the members of the Cell will be:
 - i. Sub Project Coordinator (one PC each for respective component) – head of the cell
 - ii. Officers & Supervisor (Milk procurement supervisor/ Marketing supervisor/AN officer, FDO, AN supervisor, CRPS – as applicable to the sub project)
 - iii. Purchase Officer
 - iv. Finance & Accounts Officer
 - v. IT/MIS Officer
- The Cell will be responsible for implementation and monitoring of the activities of the particular component on day-to-day basis and will be accountable for achievement of the targets set under the sub project.
- The Cell would meet every month and will manage implementation of the sub project under the supervision, direction and control of the Sub Project Management Committee.
- The roles & responsibilities of the Cell will be:
 - Define sub-project Key Performance Indicators (KPI) in line with Project Operation Manual and set monthly targets under each KPI
 - Arrange required resources to implement the project
 - Monitor the physical and financial progress of the Sub project
 - Document success stories.
 - Periodically report the progress of sub project activities to the Sub Project Management Committee.
 - Provide required suggestions/ recommendations to Sub Project Management Committee to take necessary policy decisions for smooth implementation of the sub-project.
 - Resolve and respond to all grievances received under the sub project.
 - Maintain record and accounts of all transactions.

- Identification/recruitment of requisite manpower & arrange their training

4.1.3.Implementation in the field

- The PI will identify one senior officer as Project Coordinator (PC) from the existing manpower for overall project coordination and monitoring. Supervisors/Field staff will report to PC. PC will liaison with NDDB for technical and other supports.

4.2. Schedule of implementation

- The sub project is expected to start in the year 2021-22. The appointment of the agency for technical consultancy services, construction of civil structures, purchase of materials, etc. will begin from 2021-22. The establishment of new dairy plant is expected to be completed by 2022-23 and start processing of milk and manufacturing of milk products from 2022-23 onwards. The tentative schedule of implementation of activities under the project is given in **Annex X**.

5. Human Resource Management

5.1. Existing Manpower

- The Union has total manpower strength of ___, of which ___ are officers, ___ are staff and ___ are workers. The day to day operations of the Union is looked after by a Managing Director. Section wise existing manpower strength is given in the table below:

Table 15: Section wise existing manpower of the Milk Union

No.	Department/ Section	Officers			Staff			Workers			Total		
		Regular	Contract	Total	Regular	Contract	Total	Regular	Contract	Total	Regular	Contract	Total
1	Administration												
2	Accounts												
3	P&I												
4	Marketing												
5	Purchase/Store												
6	MIS												
7	Plant/Production												
8	Quality Control												
9	Engineering												
	Total												

- The Organogram of the Milk Union is given in **Annex XI**.

5.2. Training & Capacity Development activities of the PI

- At present, the Union has its own Training Centre with ___ rooms having aggregate seating capacity for about ___ persons. Lodging and boarding facilities are available for about ___ persons is available.
- In 2020-21 the Union had conducted ___(nos.)___ training programmes for farmers, Board of Directors, officer and staff on various topics related to clean milk production, farm management, dairy value chain, plant operations, etc.

5.3. Manpower required for the proposed sub-project

The Union has the required manpower for implementation of the project. The additional manpower required for the project would be hired as and when required. The key manpower required for implementation of sub project activities at village level will be identified and suitably trained. The manpower identified at Union level for coordination of all the components under the project is as given below:

Table 16: Details of manpower identified for sub-project

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinators	Nos.	Identified
2.	MIS Officer	Nos.	Identified
3.	Grievance Redressal Officer	Nos.	Identified
4.	Finance Officer	Nos.	Identified
5.	Purchase (Procurement) Officer	Nos.	Identified
	Total	Nos.	

Component wise specific manpower required for implementation of the sub-project is as follows:

Component A: Strengthening of milk procurement infrastructure

Table 17: Details of manpower identified for component A: Strengthening of milk procurement infrastructure

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator	Nos.	Identified
2.	Procurement Officer/ Manager	Nos.	Identified
3.	Supervisor	Nos.	__(nos.)__ – identified, __(nos.)__ – proposed to be recruited
	Total	Nos.	

New DCS secretaries will be recruited from the village itself. Wherever BMC is proposed, suitable persons as cleaner & tester will also be identified. DCS employees will be trained on various aspects of running DCS and BMC.

Strengthening of milk processing infrastructure:

- Manpower required for Milk processing plant of __ TLPD along with Value Added Products facilities is given below:

Table 18: Details of manpower identified for component B1: Strengthening of milk processing infrastructure

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator	Nos.	Identified
2.	Plant Manager	Nos.	Identified
3.	Engineers	Nos.	__(nos.)__ – to be identified
4.	Quality Control/ Lab. Chemist	Nos.	__(nos.)__ – to be identified
5.	Production Officer	Nos.	__(nos.)__ – identified, __(nos.)__ – proposed to be recruited
6.	Sr. Technician / Operator	Nos.	__(nos.)__ – identified, __(nos.)__ – proposed to be recruited

No.	Particulars	Manpower required	Identified/ to be recruited
7.	Distribution coordinator	Nos.	Identified
8.	Store Keeper	Nos.	Identified
	Total	Nos.	

About __ Officers and __ staff are required to operate the automated plant. The casual labour required for the plant would be hired on daily job work basis.

- Manpower required for Cattle feed & feed manufacturing plant of __ MTPD along with __ MTPD by-pass protein plant and __ MTPD mineral mixture plant is given below:

Table 19: Details of manpower identified for sub component B2: Strengthening of feed & feed supplement manufacturing infrastructure

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator (PC)	Nos.	Identified
2.	Engineers	Nos.	__(nos.)__ – to be identified
3.	Purchase Officer	Nos.	Identified
4.	Production Officers	Nos.	__(nos.)__ – to be identified
5.	Quality Control/ Lab. Chemist	Nos.	Identified
6.	Sr. Technician / Operator	Nos.	__(nos.)__ - identified, __(nos.)__ - proposed to be recruited
7.	Distribution coordinator	Nos.	Identified
8.	Technicians	Nos.	__(nos.)__ - identified, __(nos.)__ - proposed to be recruited
9.	Administration Officer	Nos.	To be recruited
10.	Store Keeper	Nos.	Identified
	Total	Nos.	

It is estimated that the CFP would attain 75% capacity utilization only after the fifth year of commencement of operations. Initially __ personnel are planned to be engaged in essential areas such as production, distribution, stores, laboratory etc. As the plant starts to operate the third shift from the sixth year onwards, the number of personnel engaged would be increased to ____. The Union will put in place the required manpower.

Strengthening of milk marketing infrastructure:

Table 20: Details of manpower identified for component C: Strengthening of milk marketing infrastructure

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator (PC)	Nos.	Identified
2.	Marketing Officer/ Manager	Nos.	Identified
3.	Marketing Field Staff	Nos.	__ (nos.) __ - identified, __ (nos.) __ - to be recruited
	Total	Nos.	

Strengthening of ICT infrastructure:

Table 21: Details of manpower identified for component D: Strengthening of ICT infrastructure

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator (PC)	Nos.	Identified
2.	MIS Officer	Nos.	Identified
	Total	Nos.	

Manpower for Productivity Enhancement Activities:

Table 22: Details of manpower identified for component E: Productivity Enhancement – through nutritional interventions

No.	Particulars	Manpower required	Identified/ to be recruited
1.	Project Coordinator (PC)	Nos.	Identified
2.	Animal Nutrition Officer (ANO)	Nos.	To be recruited
3.	Fodder Development Officer (FDO)	Nos.	Identified
4.	Calf Rearing Programme Supervisor (CRPS)	Nos.	To be recruited
5.	Animal Nutrition Supervisor (ANS)	Nos.	To be recruited
	Total	Nos.	

6. Financial Management

6.1. Financial Analysis

6.1.1. Financial indicators

The XYZ Milk Union is a financially stable organisation and its sales turnover has increased by ____% over past 5 years. The Financial Performance of the Union is shown in the Table below:

Table 23: Financial performance of the Milk Union

(Rs. lakh)

Particulars	2016-17	2017-18	2018-19	2019-20	2020-21
Annual turnover					
Share capital					
Net profit					
Accumulated Net Profit / Loss (-)					
Net-Worth					

6.2. Release of Fund

The Union will open two separate “Project Bank Accounts” in a scheduled commercial bank one for loan and the other for grant for transactions related to the implementation of the project. Project Bank Account will be operated by two authorised persons of the Union. Union will deposit its’ contribution in the said Project Bank Accounts. All payments related to the sub-project shall be made through cheques or bank transfer from these accounts only.

The Union will submit the Fund Utilisation Report (FUR) duly audited by its internal auditors (a Chartered Accountant) within 15 days of the close of the quarter.

6.3. Financial Management arrangements including fund flow

The Union will follow the financial management arrangements prescribed in the Project Operational Manual. The Union would build up sound financial management systems and processes as also the organisational structure to implement these systems in an efficient manner for availing assistance under the JICA project.

7. Sub Project Procurement/Purchase Arrangement

7.1. Present procurement (purchase) procedure of the Union

The Union has its own Procurement rules which is being followed for procurement of goods (ICT and Non-ICT), works and services. The Purchase section is headed by General Manager and supported by ___ Managers and ___ officers. Qualifications of personnel working in purchase section are given below:

Table 24: Manpower structure in Purchase section

No.	Designations	Qualifications	Experience
1.			
2.			
3.			
4.			

7.2. Proposed procurement (purchase) arrangement under the sub project

To purchase goods, works & services, the Union will follow the procurement (purchase) procedures as described in the Project Operation Manual. The Union has prepared a procurement plan and procurement schedule for goods to be procured under the sub project. The Procurement Plan and Procurement Schedule for first 6 months is attached at **Annex XII**.

8. Risk Assessment and Mitigation Plan

Potential risks that have an adverse bearing on the sub project and appropriate response mechanisms to deal with them have been identified. If some more risks arise in the course of sub project implementation, they will be suitably identified and appropriate mitigation measures would be evolved. The risks identified along with the possible mitigation/enhancement measures are given below:

Table 25: Risk Assessment and Mitigation Matrix

No.	Risk	Mitigation/enhancement Measures
1	Availability of encumbrance free land for construction of DCS/ BMC building.	Adequate care will be taken by the PI to ensure encumbrance free land for construction of DCS/ BMC building at village level. Only the land owned by DCS or taken on lease from Government/Gram Panchayat will be used for construction of the buildings.
	Increase in cost of steel, cement, equipment and manpower during the project implementation.	Adequate provision for price contingency has been considered while estimating the total project outlay which will take care of price escalation of the cost of steel, cement, equipment and manpower during the project implementation.
2	Addition of waste to the environment at location of the plant.	Modernisation of dairy plants will reduce solid losses and put lesser load on the ETP. Energy efficient systems will be put in place in the plant for reduction in requirement of fuel and water per litre of milk. Effluent Treatment in the plant premises will be set-up and ensure its regular operation. Waste management practices at the plant level will be adopted and suitable training of staff for the same will be done.
3	Less availability of adequate certified/TL fodder seeds.	Proper planning and regular follow up with ICAR/NSC and Seed Production Agencies to ensure availability of certified/TL seeds.
4	Inability to maximize the participation of milk producers.	Effective implementation of disclosure policy at village level. Awareness campaigns at village level will be conducted. Regular monitoring will be done to identify the gaps in targeted number of milk producers and actual participation. Robust grievance redressal mechanism will be set by PI related to exclusion /denial of opportunity to participate.
5	Resistance for ear tagging of animals by the producers	Awareness meetings regarding benefits of ear tagging will be conducted.

9. Environmental and Social aspects

9.1. Impact on environment

- Necessary Environmental/Statutory Clearance (EC) from concerned regulatory authority has been obtained by the Union, for setting-up of new dairy plant and for establishment of new feed & feed supplement manufacturing infrastructure, as given below:
 - Clearance from Pollution Control Board for establishment of ETP
 - _____
 - _____
- The Union has filled the necessary check list of environmental impacts which is given in **Annex XIII**.
- Due to the nature of activities proposed under the project, there will not be any anticipated change/ alteration of land use and it will be in confirmation to the approved Master Plan/Development Plan of the area.
- The project would put less strain on environment even after increase in capacity of infrastructure for procurement and processing as it would involve use of energy efficient systems, automation and less vehicular movements in villages.
- The setting-up of automated milk processing facility is expected to reduce energy and water consumption. Improved systems would help recirculation of water in dairy plant so as to reduce water consumption. It will also help in reducing milk solid waste. This will reduce the volume of effluents generated in the plant resulting in reduction of carbon footprint at the plant level.
- The project will promote the usage of renewable energy (solar) which can be used by the village level institutions for meeting their daily electricity requirement for operating BMC, AMCU etc. This will also act as platform to promote the usage of clean energy, which will help in reducing carbon footprint at the village level.
- The investments envisaged under the project will help adopting the energy efficient technologies which will result in considerable savings in the operational cost of dairy plants. The project will also help in reducing the pressure on natural resources like use of water in dairy plant, promote use of renewable source of energy like solar energy and use of agro-waste as replacement of fossil fuels, etc.
- The project in no ways either directly or indirectly poses threat to the biodiversity as the construction activities proposed does

not involve extensive clearing or modification of vegetation. If at all any/some tree removal is required, then compensatory tree plantation/landscaping will be done at an appropriate scale.

- During the construction, working environment, health and safety of workers will be taken care of in compliance with the existing laws.

9.2. Land requirement under the project

- The project does not envisage any acquisition of land, rehabilitation and resettlement in the project area.
- Village level institutions would be set up at the building arranged by the union.
- The union already possess excess land to build new dairy plants, compound cattle feed and mineral mixture plants.
- For construction of the DCS/BMC building, only the encumbrance free land owned by DCS or taken on lease from Government/Gram Panchayat will be used.

9.3. Impact on society

- The positive impacts of the project would help in increasing income of milk producers, creation of employment and availability of safe milk to consumers.
- Increased income opportunity for milk producers will also encourage more people to adopt dairying as a source of livelihood.

9.4. Categorization of Project

- Since the land proposed for establishment of new plant under the project is owned by the Union and is encumbrance free, the project will not require any rehabilitation and resettlement of people in the project area. Activities such as strengthening marketing & ICT infrastructure and productivity enhancement will not lead to any adverse impact. Considering the extent of environmental and social impacts, this project is likely to have minimal adverse impact on environment and society. As per the “JICA Guidelines for Environmental and Social Considerations”, the Project will be categorized as “C”.

10. Key Performance Indicators

10.1. Key Performance Indicators

Detailed year-wise Key Performance Indicators (KPIs) of the sub project are given in the Table below:

Table 26: Key Performance Indicators of the project

No.	Project Performance Indicators	Unit	Base-line figure (Yr ____)	Incremental Targets					EOP (Cumulative Targets)
				Yr 1 (____)	Yr 2 (____)	Yr 3 (____)	Yr 4 (____)	Yr 5 (____)	
A	Strengthening Milk Procurement Infrastructure								
A1	New DCS/MPI to be set up	‘Nos.							
A2	DCS/MPI to be strengthened	‘Nos.							
A3	DCS Building to be established	‘Nos.							
A4	DCS/MPI to be covered through Electronic Testing Equipment (AMCU/DPMCU)	‘Nos.							
A5	Additional Producers to be enrolled	‘000 Nos.							
A6	% of women members of total members enrolled	%							
A7	Capacity of BMCs to be installed	TLPD							
A9	BMC Building to be established	‘Nos.							
A10	Methylene Blue Reduction time (MBRT) of raw milk	in mins							
A11	Milk Procurement (Annual)	TKgPD							
B	Strengthening of Processing Infrastructure								
B1	Milk Processing Capacity to be created	TLPD							
	Reduction in effluent generation (in case of refurbishment of plant)	%							
	Reduction in electricity usage (in case of refurbishment of plant)	KWH/ litre of milk processed							
	Reduction in usage of fossil fuels (in case of refurbishment of plant)	Litres/ litre of milk processed							
B2	Value Added Products Capacity to be created	TLPD/ MTPD							
	Product 1 ____	TLPD/ MTPD							
	Product 2 ____	TLPD/ MTPD							
	Product 3 ____	TLPD/ MTPD							
B3	Feed & Feed Supplement	MTPD							

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No.	Project Performance Indicators	Unit	Base-line figure (Yr ____)	Incremental Targets					EOP (Cumulative Targets)
				Yr 1 (____)	Yr 2 (____)	Yr 3 (____)	Yr 4 (____)	Yr 5 (____)	
	Manufacturing capacity to be created								
	Cattle Feed	MTPD							
	Bypass Protein	MTPD							
	Mineral Mixture	MTPD							
C	Strengthening of marketing Infrastructure								
C1	Milk Parlour	Nos.							
C2	Walk-in-Cold Store	Nos.							
C3	Insulation for Vans	Nos.							
C4	Liquid Milk Sale by the PI	TLPD							
C5	% increase in the sales volume of Value Added Products	%							
D	Support for ICT								
D1	DCS to be covered under AMCS	Nos.							
E	Productivity Enhancement – through nutritional interventions								
E1	Calf Rearing Programme (CRP)								
1	Villages to be covered	Nos.							
2	Pregnant Animals to be covered	Nos.							
3	Female Calves to be covered	Nos.							
E2	Animal Nutrition Advisory Services								
1	Villages to be covered	Nos.							
2	Farmers to be covered	Nos.							
3	Animas to be covered	Nos.							
E3	Fodder Development								
1	Fodder seed distributed								
	-Fodder Seed distributed	MT							
	-Plantation of root/stem cuttings	Lakh nos.							
	-Plantation of fodder trees	Lakh nos.							
2	Mower distributed	Nos.							
	-High speed wet biomass management unit	Nos.							
	-Upto 5 HP	Nos.							
	-5 to 15 HP	Nos.							
	-Over 15 HP	Nos.							
3	Chaff Cutter distributed (power/manual)	Nos.							
4	Fodder storage godown	Nos.							
5	Silage Unit created	Nos.							
6	MTC set-up	Nos.							
7	Villages to be covered	Nos.							
8	Farmers to be covered	Nos.							
F	Training and Capacity Building								
F1	Persons to be trained/capacity developed	Nos.							
	Officers	Nos.							
	Staff	Nos.							
	Farmers	Nos.							

10.2. Socio-economic benefits:

The project will provide an avenue for milk producers for sale of milk bringing about a positive change at village level. The project will result in socio-economic benefits by increasing income of milk producers as well as creation of employment.

11. Means of Finance and Sub Project Sustainability

11.1. Means of Finance

The Union proposes to avail financial assistance under the project 'Dairying through Cooperatives – key to sustainable livelihood' project. The Union will arrange its contribution from its own resources. In this regard, a copy of the Board resolution of the Milk Union is attached at **Annex XIV**.

The total project outlay is Rs. ____ lakh with Rs. ____ lakh as grant-in-aid, Rs. ____ lakh as loan and Rs. ____ lakh as State/PI's contribution. Component wise break-up of loan, grant and State/PI's contribution is given below:

Table 27: Component wise Financial Outlay

No.	Component	Financial Outlay (Rs. in lakh)			
		ODA Loan	Grant	State/PI's Contribution	Total
A	Strengthening Milk Procurement infrastructure				
B	Strengthening Processing Infrastructure				
B.1.	- Milk processing facilities and manufacturing facilities for Value Added Products				
B.2.	- Feed & feed supplements manufacturing infrastructure				
C	Support for Marketing infrastructure				
D	Support for ICT Infrastructure				
E	Productivity Enhancement				
F	Training & Capacity Building				
	Total				

The year wise financial outlay is given in the table below:

Table 28: Total Financial Outlay of the Sub Project (Rs. lakh)

No.	Particulars	2021-22	2022-23	2023-24	2024-25	2025-26	Total
A	Strengthening Milk Procurement infrastructure						
B	Strengthening Processing Infrastructure						
B1	Milk processing facilities and manufacturing facilities for Value Added Products						
B2	Feed & feed supplements manufacturing infrastructure						
C	Support for Marketing infrastructure						
D	Support for ICT Infrastructure						

No.	Particulars	2021 -22	2022 -23	2023- 24	2024 -25	2025- 26	Total
E	Productivity Enhancement – <i>through nutritional interventions</i>						
F	Training and Capacity Building						
	Total						
	Grant (GoI)						
	Loan						
	PI's/State's Contribution						

Component and year wise physical target and financial outlay is given in **Annex XV**.

11.2. Security

The detail of the security available with the Union is given below:

Table 29: Details of security available with the Milk Union

Particulars	Location	Area (in acres)	Ownership	Book value (Rs. crore)
Land	PQR		Owned by Union	
	LMN			
	Chilling centre 1			
Building	PQR		Owned by Union	
	Chilling centre 1			
Plant/machinery	PQR		Owned by Union	
	Chilling centre 1			
Total				

Particulars	Amount (Rs. In lakh)
Loan envisaged under current proposal	
Total loan	
Net block	
Total assets to be created under project	
Total assets	
Security times	

The security available with the Union is ____ times more than the loan amount of Rs. _____ lakh.

11.3. Sustainability of the sub project activities

- Under Strengthening of milk procurement infrastructure component, setting up of new DCS and installation of BMCs & AMCU's have been envisaged. To make new DCS sustainable, initially for 3 years, salary of the DCS secretary shall be provided on tapering basis under the project. After that it is expected that DCS would be collecting adequate milk so as to meet DCS management expenses from revenue generated from the weight volume difference/ DCS commission/ local milk sale to make the DCS self-sustainable. The sustainability of new DCS is given in **Annex XVI**. Also, the sustainability of BMC is given in **Annex XVII**.

- The Union will continue the implementation of Productivity Enhancement activities from its own funds to reap benefits of nutritional interventions in the long run.

11.4. Financial analysis of the sub project

- The Union has proposed to avail Rs. ____ loan for establishment of new milk processing plant along with value added products facilities, feed & feed manufacturing plant, DCS/BMC building, marketing and ICT infrastructure.
- Based on savings and improved sales realisation by establishment of new milk processing plant/ value added product plant/ feed & feed manufacturing plant, the projected material balancing statement and projected operating statement for the project is worked out and is attached at **Annex XVIII**. The summary of financial indicators is given in the Table below:

Table 30: Summary of financial indicators for the project

No	Financial Indicators	Base case	Sensitivity (10% reduction in procurement & sales)	Norms
1	Return on investment (RoI)			>10%
2	Debt Service Coverage Ratio (DSCR)			>1.50

11.5. Sensitivity analysis

Considering the projected operations of the Union, the Return on Investment (ROI) and Debt Service Coverage Ratio (DSCR) works out to ____% and ____ **times** respectively at 100% procurement and sales. After providing 10 % sensitivity in both milk procurement and sales volume i.e. 10% reduction in both procurement and sales, the projected ROI and DSCR works out to ____ % and ____ times respectively.

Annex I: List of existing chilling, testing and processing infrastructure

❖ Milk chilling plant

No.	Location			Capacity	Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name & Census code			
1						
2						

❖ Bulk Milk Coolers (BMC)

No.	Location			Capacity	Owned by (Union/ DCS)	Status (functional/ n on- functional)
	District name	Taluka Name	Village Name & Census code			
1						
2						

❖ Automatic Milk Collection Units (AMCU)

No.	Location			Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name & Census code		
1					
2					

❖ Data Processing and Milk Collection Units (DPMCU)

No.	Location			Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name & Census code		
1					
2					

❖ Electronic Adulteration Testing Machine

No.	Location			Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name & Census code		
1					
2					

❖ Milk Testing Laboratories

No.	Location			Capacity	Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name			
1						
2						

❖ Milk processing plant

No.	Location			Capacity	Owned by (Union/ DCS)	Status (functional/ non- functional)
	District name	Taluka Name	Village Name			
1						
2						

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Note: Rows may be added under each category suitably

**Annex II: List of villages proposed for setting-up of new DCS/
strengthening of existing DCS**

No.	District name	Taluka Name	Village Name	Census Code (as per Human Census 2011)	Status (registered / un-registered)	Existing Milk Production (TKgPD)	Existing Milk marketable surplus (TKgPD)	Expected Milk procurement (TKgPD) (1 st year of operation)
1								
2								
3								
4								
5								
6								
7								
8								
9								

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Annex III: List of proposed village wise DCS for installation of Electronic Milk Testing Equipment (AMCU)

No.	District name	Taluka Name	Village Name	Census Code (as per Human Census 2011)	Name of DCS	Existing Milk procurement (TKgPD)	No of members (Nos.)	Existing testing facility with DCS
1								
2								
3								
4								
5								
6								
7								
8								
9								

Annex IV: List of proposed BMC village location and capacity

No.	District name	Taluka Name	Village Name	Census code (as per Human Census 2011)	Number of villages to be linked with BMC village	Milk procurement (TKgPD) (BMC DCS+linked villages)		Proposed No. of BMC	Proposed Capacity (KL)
						Existing (2020-21)	Projected (2025-26)		

Annex V: Details of existing land area & civil structure and existing plant equipment

A. Details of existing land area and civil structure

(Information to be provided for each dairy plant separately if the Union has more than one dairy plant)

Name, Location & address of dairy plant: _____

Sr No	Description	Area/ Volume	Unit	Number of floors	Year of construction/ processing	Present condition (Good/Needs renovation)	Remarks
1	Total land area of the plant*		Acre				
2	Total built up area* (ground floor area only)		Sq m				
3	Total Road & Hard Park area		Sq m				
4	Area available for future expansion		Acre				
5	Production Block details#						
(i)	Milk reception block (inclusive of can & tanker reception)		Sq m				
(ii)	Liquid milk processing & packaging block		Sq m				
(iii)	Milk Powder Plant		Sq m				
(iv)	Milk Product Block (provide product names in remarks column; In case of individual product blocks provide separate areas)		Sq m				
6	Utilities Block details#						
(i)	Refrigeration block		Sq m				
(ii)	Steam generation block		Sq m				
(iii)	Electric Substation block		Sq m				
(iv)	Transformer Yard		Sq m				
(v)	Fuel storage area		Sq m				
(vi)	Waste disposal area		Sq m				

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Sr No	Description	Area/ Volume	Unit	Number of floors	Year of construction/ processing	Present condition (Good/Needs renovation)	Remarks
(vii)	Water storage & treatment block		Sq m				
(viii)	Water storage tank capacity		Cu m				
(ix)	Effluent Treatment Plant		Sq m				
7	Non industrial Blocks#						
(i)	Administrative block		Sq m				
(ii)	Workers Amenities block		Sq m				
(iii)	Security cabin		Sq m				
(iv)	Toilet block		Sq m				
(v)	Car park/cycle stand		Sq m				

* - Please provide Plant Site Layout drawing, if available

- Please provide ground floor area for each building to ascertain free land area available for expansion/new installation.
Also provide equipment layout drawings, if available

B. Details of existing plant equipment

(Information to be provided for each dairy plant separately if the Union has more than one dairy plant)

Name, Location & address of dairy plant:

Capacity of Plant: ____ TLPD

Please add rows wherever required in order to provide complete details of plant & machinery)

Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
A	Liquid milk	Reception	Can Washer I	Straight/rotary					
			Can Washer II	Straight/rotary					
			Raw Milk chiller I						
			Raw Milk chiller II						
		Milk storage	Raw milk storage Tank/ silo I	Horizontal/Vertical					
			Raw milk storage Tank/ silo II	Horizontal/Vertical					
			Raw milk storage Tank/ silo III	Horizontal/Vertical					
			Pasturised Milk storage Tank/Silo I	Horizontal/Vertical					
			Pasturised Milk storage Tank/Silo II	Horizontal/Vertical					
			Pasturised Milk storage Tank/Silo III	Horizontal/Vertical					
		Milk processing	Milk pasteuriser I						
			Milk pasteuriser II						

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Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
			Cream separator I	Self / manual cleaning					
			Cream separator II	Self / manual cleaning					
			Homogeniser						
			Cream pasteuriser I						
			Cream pasteuriser II						
		Milk packing	Milk pouch packing machine I	Pneumatic/ Mechanical					
			Milk pouch packing machine II	Pneumatic/ Mechanical					
			Milk pouch packing machine III	Pneumatic/ Mechanical					
			Milk pouch packing machine IV	Pneumatic/ Mechanical					
			Horizontal milk storage tank I						
			Horizontal milk storage tank II						
			Horizontal milk storage tank III						
			Crate washer						
B	Butter making		Butter churn						
			Continuous butter making machine						
			Butter milk silo/tank						
			Butter packing machine	Bulk/ consumer					
C	Ghee Making		Ghee boiler I						

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Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
			Ghee boiler II						
			Ghee boiler III						
			Ghee clarifier						
			Ghee pouch packing machine						
			Ghee consumer packing machine						
			Ghee Tin (15 kg) packing machine						
D	Milk powder plant		Milk Silo						
			Evaporator (water evaporation capacity to be provided)	MVR/ TVR					
			Dryer (water evaporation capacity to be provided)	No of stages					
			Supply air heater type	FO/ Steam heated					
			Vibro-fluidiser						
			Powder bulk packing	Manual/ Automatic					
			Powder consumer packing	Semi- auto/ Automatic					
E	UHT		Milk steriliser						
			Aseptic filling machine						
			Tray packing						
			Shrink wrapping						
F	Indigenous products		<i>Please mention equipment name.....</i>						Details of major equipment
			<i>Please mention equipment name.....</i>						

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Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
			Please mention equipment name.....						to be provided
			Please mention equipment name.....						
G	Electricals		HT breaker panel	OCB/ MOCB/ VCB					
			Distribution transformer	Onload / off load tap changer					
			Power control centre						
			Capacitor bank						
			DG set I						
			DG set II						
			Sub Station						
H	Refrigeration		Refrigeration compressor I (high stage)	Reciprocating/ Screw					
			Refrigeration compressor II (high stage)	Reciprocating/ Screw					
			Refrigeration compressor III (high stage)	Reciprocating/ Screw					
			Refrigeration compressor (low stage)	Reciprocating/ Screw					
			Economiser						
			Condensors	Atmospheric/ Evaporative / PHE/ Shell & tube					

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Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
			Condensor water pumps						
			Ice bank tank (coil length to be provided)						
			Ice silo (coil length to be provided)						
			Chilled water pumps						
			Receiver I						
			Receiver II						
			Refrigerant pump						
			Milk Cold store						
			Butter cold store						
I	Steam generation		Butter deep freeze						
			Boiler I	Fire tube/ Water tube					
			Boiler II	Fire tube/ Water tube					
			Boiler III	Fire tube/ Water tube					
			Fuel oil storage tank						
			Coal handling equipment						
J	Air Compressor		CNG storage						
			Compressor I	Reciprocating/ Screw					
			Compressor II	Reciprocating/ Screw					
K	Hydroflow		Air Receiver	Vertical/horizontal					
			Hydroflow tank I						
			Hydroflow tank II						

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Sr No	Section	Area	Existing Equipment name	Type	Capacity	Manufacturer	Year of installation	Working condition	Remarks
			Raw water pumps						
			Water softening plant						
			RO plant						
			DM water plant						
			Treated water pumps						
L	Effluent treatment plant		Effluent treatment plant	Aerobic/ Unaerobic & aerobic					

Annex VI: Filled-in site selection format

A. Milk processing plant

Name of the proposed project	:	_____
Location of Site	:	_____
District	:	_____
1. Land map	:	Enclosed /Not available
2. Survey map at the site showing	:	
• North point	:	
• Scale (mm 1:800)	:	
• Area and Dimensions of the plot	:	_____Sq.Mtrs. [____ M x ____ M]
• Permanent & Temporary Structure	:	
• Electrical line (HT/LT with KV)	:	_____
• Telephone lines (Trunk/Local)	:	_____
• Existing sewerage/storm Water drains, if any	:	Yes/no
• Existing important tree	:	
• Well, ponds	:	
• Mounds	:	
• Contours	:	
Note: The survey map if available should be enclosed. Otherwise a rough sketch showing important items out of the above list should be prepared and enclosed.		
3. Source of land and survey maps If available	:	_____
4. R.L. of site, if site is fairly flat	:	_____
5. R.L. of high and low points, if site Undulatory	:	_____
6. Maximum HFL at site	:	_____ Cms.
7. Frequency of HFL	:	_____
8. R.L. of nearest National Or State Highway	:	_____

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9. Minimum depth of subsoil water (below Existing ground) : _____
10. Type of foundations used in the vicinity Of site or the nearest town for 2 to 3 Storeyed building : _____
11. Local information on the soil bearing: Capacity _____
12. Local information on the type of soil (Silty/Boulder/ Rock) Encountered at the site at shallow and Deep depths : _____
13. Soil testing report from a nearby place to be enclosed if available : _____
14. Nearest Railway Station :
 - Distance of site : _____
 - M.G./B.G./N.G. : _____
 - Important trains passing through Station : _____
 - Both passenger and goods : _____
 - Railway zone : _____
15. Is a railway siding possible : Yes /No
16. Name & address of DRM to be Contacted : _____
17. Nearest Highway : _____
18. a) Distance from nearest Highway : _____
b) Distance from Municipal Limits : _____
19. General width of the roads in the Area : _____ Metres
20. Approach road to the site, if any : _____ Yes/No
21. Length of approach road required : _____ Metres
22. Nearest source of
 - a) Natural water supply : _____ Well/River/Canal/Pond
 - b) Municipal water supply : _____ Well/River/Canal/Pond
23. Is Municipal supply possible ? : Yes / No

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If yes, size of existing Pipe line at the: _____ Cms.
 Nearest Point of municipal supply

24. Any open wells in the area : Yes / No
 - a) Lowest level of sub-soil Water encountered in Poorest monsoon season : _____ Metres
 - b) General level of water : _____ Metres
 - c) Yield of well : _____ Metres/hr.
25. Any tubewells in the area/ Neighbourhood : Yes /No
 - a) Size of the well & depth : _____ Cms. _____ Meters
 - b) HP of pump : _____ HP
 - c) Yield of tube well : _____ Litres/hr.
 - d) Strata chart if available : Yes / No
 - e) Distance of tubewell from Site : _____ Metres
26. Is any sanction required from Local authorities for drilling of tube Wells : _____ Metres
27. Address of nearest office of Central Ground Water Board or any similar State agency : _____
28. A hydrological map of the area, If possible : Yes/No.(to be enclosed if available)
29. Effluent disposal :
 - a) Distance and location of nearest Possible place : _____ Metres
 - b) Capacity of municipal drain/ Nullah etc. : _____ Cusece
 - c) Is it required to be treated before Disposal as per the rules of local Authorities of the : _____ Yes/No
 (If yes, to indicate the Characteristics treated Effluent before disposal such as BOD & PH etc.)
 - d) How is effluent of the nearby Industries disposed off :
30. Power Supply
 - a) Is any HT line passing through site : _____ Yes/No

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(If yes, indicate voltage and Whether it
is agricultural feeder)

- b) If no, distance of nearest HT line : _____ Metres
From site
- c) Authorities to be approached : _____
for required electrical load.
(Electrical load informations must be
available with the officer visiting site).
- d) A copy of tariff rules, if possible : (to be enclosed)
- e) Authorities for temporary power : _____
if available
- f) Upto what load can LT power be : _____ KVA
made Available
31. Telephone line
- a) Distance of nearest telephone line : _____ Metres
- b) Authority to be approached for : _____
sanction
32. Industries in the neighbourhood :
33. a) Nearest Cattle Feed Plant : _____ KM
- b) Nearest Chilling Centre : _____ KM
- c) Nearest Dairy : _____ KM
- d) Nearest industries using milk with
: _____
Details of capacity etc. and their
Common problems
34. General water in the area :
- a) Wind or dust storms and their fre-
quency, direction of wind, velocity : _____
- b) Yearly rainfall : _____ mm.
- c) Monsoon period : _____ month
- d) Maximum & minimum temp. : _____ Deg.C. _____ Deg.C.
- e) Type of trees & plantation in the : _____
Neighbourhood
- f) Snow fall : _____ mm.
35. Name of local reputed contractors:
- a) Civil : _____
- b) Electrical/Mechanical : _____

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- c) Sanitary : _____
- d) Suppliers : _____
- e) Transporters : _____
- f) Chamber of commerce : _____
36. Address of local PWD Office : _____
37. Minimum wages applicable in the : _____ Rs./day
Area.
38. Addresses of :
- a) Factory inspector : _____
- b) Boiler inspector : _____
- c) Electrical Inspector : _____
- d) Explosive inspector : _____
- e) Civil Supplies Deptt. : _____
39. Nearest Cement Factory : _____
40. Address of nearest HSL/TATA/
TISCO stockyard : _____
41. Local materials used for construction : _____
And their rates
42. Location & distance of the nearest : _____
Petrol/diesel filling station.

B. (Same format to be used for site selection of feed & feed supplement manufacturing infrastructure)

Annex VII: Civil and equipment requirement along with specifications

A. For establishment of ____ TLPD capacity milk processing plant

i. Summary of Cost estimates

No.	Description	Amount (Rs. lakh)
1	Civil Works	
2	Processing & Production Equipment	
3	Service Equipment	
4	Miscellaneous Equipment	
5	Erection	
6	Technical Service Fee @ 5.5% On Sl. Nos. 1 – 5	
7	GST on TSF @ 18%	
	Total Project Cost (Rs Lakhs)	

ii. Cost estimates – Civil works

Description	Qty	Unit	Unit Rate Rs	Sub Total Rs.	Amount Rs. Lakhs
CIVIL WORKS					
LAND AND DEVELOPMENT					
LAND AND DEVELOPMENT					
Land development, landscaping, soil investigation & land survey					
INDUSTRIAL BUILDING					
INDUSTRIAL BUILDING					
Production Block (including cold store, deep freezes)					
Service block					
Misc. Industrial buildings: Fuel yard, Transformer yard, foundation of milk silos, ammonia and air compressors, ice silos/IBT, boilers and chimney, structural pipe bridge etc.					
STORAGE FACILITIES/BUILDINGS					
STORAGE FACILITIES/BUILDINGS					
Powder godown					
Packing material store					
Chemical store					
Spare parts store					
General Godown					
Scrap Yard					
NON INDUSTRIAL BUILDINGS					
NON INDUSTRIAL BUILDINGS					
Administrative block					

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Description	Qty	Unit	Unit Rate Rs	Sub Total Rs.	Amount Rs. Lakhs
Workers Amenities					
Security complex					
Toilet block					
Parking cycle/scooter stand					
MS gates					
COMPOUND WALL AND OTHER BUILDINGS					
COMPOUND WALL AND OTHER BUILDINGS					
Compound wall/Chain link fence					
BUILDING FURNISHINGS					
OFFICE FURNISHINGS AND EQUIPMENT					
Lab furniture					
Site Furniture					
Misc. Furnishing					
EFFLUENT TREATMENT PLANT					
EFFLUENT TREATMENT PLANT					
Civil, mechanical, electrical & erection works for ETP for 2 LLPD dairy					
ROAD AND PAVEMENTS					
ROAD AND PAVEMENTS					
Concrete roads /Hard Park					
ELECTRIFICATION					
INTERNAL ELECTRIFICATION					
Electrification Contract					
Lighting Fixtures and Fans					
WATER SUPPLY AND DRAINAGE					
WATER SUPPLY AND DRAINAGE					
UG sump 2.0 lakh Litres					
Storm water drainage					
Rain water harvesting with recharge wells					
External sanitary line					
CONSULTANTS SERVICES					
CONSULTANTS SERVICE FEES					
Architects & structural consultants fees @ 3.5% of civil works					
CIVIL CONTINGENCIES					
CIVIL CONTINGENCIES					
Civil contingencies @ 6 %					
TOTAL FOR CIVIL WORKS					

iii. Cost estimates – Equipment

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
PROCESS AND PRODUCTION EQUIPMENT					
RECEPTION EQUIPMENT					
RECEPTION EQUIPMENT INCLUDING STORAGE					
Tanker unloading hose with fittings (2 No. for unloading, 2 no. for CIP)					
Tanker unloading pump					
Disc type Inline strainer					
SS De-aeration vessel					
Reception & tanker CIP Control panels					
Self supported hot dip galvanised Steel platforms for approach of tanker man ways with SS railing					
Raw Milk Chiller (10 - 4 Deg C)					
Raw Milk Silos					
CIP Return Pump					
Mass flow meters					
CHILLING & PROCESSING EQUIPMENT					
CHILLING & PROCESSING EQUIPMENT FOR MILK AND CREAM					
Milk transfer pump from RMST to Pasteurizer					
Inter silo Milk Transfer/Raw Milk despatch pump					
Mass flow meters					
Milk Pasteuriser with all accessories					
Milk Pasteuriser with accessories for curd milk					
Self Cleaning Tripurpose centrifuge with Auto Standardisation Unit					
Homogeniser with accessories for milk					
Homogeniser with accessories for curd milk					
Electric hoist with mono rail structure					
Pasteurised Milk Silos (PMST)					
Pasteurised Milk Silos (PMST)					
Pasteurised Milk Despatch Pump					
Pasteurised Milk Despatch Chiller					
Past Milk Inter Silo Transfer pump					
Past Milk Silo to Raw Milk Silo Transfer pump					
CIP Return Pump					
Milk transfer pump to HMST					
Milk Re-Chiller for pouch filling lines					

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Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Milk Dispatch (tanker loading) hose food grade					
Cream balance tank					
Cream transfer Pump with VFD					
Cream Pasteuriser					
Cooling Tower system with pumps					
Cream Storage cum Ripening Tank					
CIP Return Pump					
Cream pump (Lobe) with VFD for transfer of cream to butter section as well as dosing to silo for fat correction					
RECONSTITUTION EQUIPMENT					
Milk RECONSTITUTION SECTION INCLUDING POWDER STORE					
Funnel venturi with pumps					
Water heater PHE with water flow meter					
Duplex Filters					
Reconstitution milk tank					
CIP return pump					
Milk Recirculation-cum-transfer Pump					
Reconstitution milk chiller					
LIQUID MILK FILLING EQUIPMENT					
POUCH FILLING SECTION INCLUDING CRATE WASHING					
Crate washer with drier					
Two tier Crate conveyor with pouch collection table for individual machine and conveying of filled crates upto milk cold room					
Pouch Filling Machines for Liquid Milk					
Milk filling tanks (HMST)					
Milk filling tanks (HMST)					
Left over milk collection & return system					
CIP Return Pumps					
SS packing table					
Electronic weigh scale					
Cooling Water balance tank with accessories					
Cooling water recirculation pump (SS)					
Cooling water PHE Chiller					
Trolley mounted leaky pouch collection tank					
Leaked pouch dump tank					
Inline duplex Strainer					
Leaked pouch milk PHE					
Leaked pouch milk transfer pump					

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Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
RINSE MILK RECOVERY SYSTEM					
Rinse milk recovery tank jacketed & insulated					
Rinse Milk transfer pump to RMST					
Rinse Milk Chiller					
CIP Return Pump					
BUTTER MAKING EQUIPMENT					
CONTINUOUS BUTTER MAKING SECTION					
Cream Transfer Pump (lobe) imported					
Cream Buffer Tank					
Continuous Butter making Machine without provision for automatic salt and moisture correction facility.					
Continuous Butter making Machine with provision for automatic salt and moisture correction facility.					
Salt Dosing Tank on skid					
Dosing Pump					
On line moisture And salt measurement and control system					
Pasteurised Butter Wash Water insulated Tank					
Pasteurised Butter Wash Water Transfer pump					
Butter Wash Water Balance Tank					
Wash Water circulation pump					
Wash Water PHE					
Butter Moulding & Wrapping machines					
Conveyors for the inter-transfer of packed table butter and also to the cold room.					
Butter Milk Storage Tank					
Hopper with auger, covers, level sensors, controls					
Butter trolleys					
LASSI & BUTTER MILK HANDLING SECTION					
Curd Inoculation Tank					
Curd Setting Tank					
SS Shear Pump					
Inoculated Milk/Lassi/Butter Milk transfer pump					
FAT RECOVERY SECTION					
Butter Melting Tank					
Molten Butter Transfer Pump					
Fat Recovery Tank					
GHEE MAKING EQUIPMENT					

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Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
GHEE MAKING & PACKING EQUIPMENT					
Butter Positive Displacement pump					
Butter Melting Vat with PHE based hot water generator					
Molten Butter Transfer Pump					
Pre-stratification Tank					
Ghee boiler					
Ghee transfer pump					
Ghee Settling tanks					
Ghee Clarifier					
Ghee Balance Tank					
Ghee storage cum granulation jacketed tanks					
Ghee Pouch Packing Machine					
Ghee check weighing scale					
Ghee residue trolley with tank					
SS packing tables					
Ghee leaky pouch collection system					
CURD MAKING & PACKING CURD, LASSI & BUTTER MILK MAKING & PACKING EQUIPMENT					
Curd milk storage tank					
CIP return pump					
Culture Preparation Tank					
Culture Dosing Pump PD type					
Inoculation/curd setting tank for curd					
CIP Return pump for curd tank					
Sugar dissolving / syrup preparation vat					
Sugar syrup transfer pump					
Pasteurized water tank					
PHE Chiller for cooling sugar syrup & past. water					
Pasteurized water transfer pump					
Sugar syrup transfer pump					
Pouch Filling Machine for curd milk/butter milk /lassi					
Leaky pouch collection system					
Rotary curd cup filling machine indigenous					
Crate washer and conveyor					
Heater for incubation room					
CLEANING IN PLACE EQUIPMENT CIP COMMON FACILITY					
Bulk Acid storage tank					
Bulk Lye storage tank					
Chemical unloading pump (for acid & lye)					
Tanker unloading hose					
Acid carboys unloading tank					

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Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Lye flake dissolving tank with agitator					
Acid Transfer pump					
Lye Transfer pump					
SS tray for bulk tanks and pumps					
PROCESS & Tanker CIP - 3 Circuits					
Lye tank					
Acid Tank					
Hot water tank					
Recuperation tank					
Flush water tank					
Acid Service Tank with dosing pump					
Lye Service Tank with dosing pump.					
Plate Heat exchangers					
Duplex Inline Filters					
CIP forward pumps					
Recirculation pump for acid & lye solution tanks					
TANKER CIP - single Circuits					
Lye tank					
Acid Tank					
Hot water tank					
Recuperation tank					
Flush water tank					
Acid Service Tank with dosing pump					
Lye Service Tank with dosing pump.					
Plate Heat exchangers					
Duplex Inline Filters					
CIP forward pumps					
Recirculation pump for acid & lye solution tanks					
CIP FOR IP BLOCK					
Lye tank					
Acid Tank					
Hot water tank					
Recuperation tank					
Flush water tank					
Lye & Acid dosing system					
Acid Transfer pump					
Lye Transfer pump					
Acid Service Tank					
Lye Service Tank					
Plate Heat exchangers					
Duplex Filters					
CIP forward pumps					
CIP Return Pumps					
MILK PIPING AND FITTINGS					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
MILK & CIP PIPING AND FITTINGS					
SS Pipes, fittings, flow plates, SS supports, imported Mix proof & single seat valves, valve battery trays etc.					
INSTRUMENTATION & AUTOMATION					
CONTROL & INSTRUMENTS, AUTOMATION					
Controls & Instrumentation					
DCS Automation system with HMIs					
MIS System					
TOTAL					
PROCESS AND PRODUCTION CONTINGENCIES					
PROCESS AND PRODUCTION CONTINGENCIES					
Process and Production contingencies					
TOTAL FOR PROCESS & PRODUCTION					
SERVICE EQUIPMENT					
REFRIGERATION SYSTEM					
REFRIGERATION PLANT					
Refrigeration Compressor Units (1 W + 1 S) suitable for operating at - 10 Deg C suction and +40 Deg C condensing Temp.					
Refrigeration Compressor Units (1 W + 1 S) suitable for operating at - 25 Deg C suction & -10 Deg C discharge					
Motors for main Compressors					
Motors for booster Compressors					
VFD Starters for high stage compressor					
VFD Starters for low stage compressor					
Common Economizers one each for -5 Deg C & -30 Deg C compressors					
Oil Loading & unloading system					
Pre-Chiller working at -2 deg C Complete with liquid accumulator, Anti-freeze temperature controller, CIP arrangement - Flow rate of water 180 Cu.m/Chiller					
Evaporative type condenser imported					
Liquid ammonia pumps, 15 Cum/Hr for -5 deg C)					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Liquid ammonia pumps 1.5 Cum/Hr for -30 deg C					
HP Liquid ammonia Receiver with standard fittings.					
IBT System with 4000 RM coil					
Refrigerant lines controls					
Priority vessel					
Miscellaneous items					
Liquid accumulator, one each for system working at -5 deg C and -30 deg C					
Oil Cooler - refrigerant cooled type					
Oil Rectifier for -2 deg C, -10 deg C & -25 deg C systems					
Chilled water pumps (3W + 1S)					
Defrost water supply & return pump (2W + 1S)					
Automatic air purger					
Motor Control Centre for Refrigeration					
PLC / DCS based Plant Central Automation					
Copper Power, control & instrumentation cables					
Earthing materials, cable trays & electrical accessories					
Local instruments on all vessels/pipelines					
Ammonia Piping, valves & fittings					
Condenser water Piping, valves & fittings					
Defrost water, Chilled water Piping/drain, valves & fittings for process upto the outlet of the pump NRV.					
Insulation of refrigerant and chilled water lines with PUF sections and cladding					
Galvanised MS Structural supports for piping including supports for piping outside the building, ladder etc.					
Spares					
Expansion tank for chilled water					
First Charge of ammonia Gas					
First Charge of Compressor Oil & Lubricants					
COLD STORAGE/ DEEP FREEZERS INSULATION					
USING PUF SANDWICHED PANELS & FDC UNITS					
Milk Cold Storage					
Dahi blast cooler					
Dahi Cold storage					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Chaach/Lassi Cold Storage					
Paneer Cold Storage					
Butter Cold Store					
Curd & Paneer Cold Store					
Curd incubation room					
Butter deep freeze for butter					
STEAM GENERATION SYSTEM					
STEAM RAISING PLANT					
Coal/ wood/briquette fired Steam Boiler with ESP, auto blow down and Air preheating					
Chimney & Ducting					
Feed Water Tank insulated & Water piping					
HP Steam & Condensate Pipes & Fittings IBR					
Steam Pressure Reducing Station IBR					
LP Steam Pipes & Fittings					
Condensate collection and pumping system					
Insulation of Steam Piping					
SOLAR WATER HEATING SYSTEM					
CST for generating hot water at 80 deg C					
WATER HANDLING SYSTEM					
WATER SYSTEM					
Automatic duplex filtration plant					
Raw filtered water hydroflow system with vertical pumps (1W + 1S)					
Automatic duplex water softening plant					
Soft water hydroflow system with vertical pumps (1W + 1S)					
Automatic DM or RO water plant					
DM or RO water buffer SS storage tank					
RO water pumps (1W + 1S)					
Water pipes, valves & fittings					
COMPRESSED AIR HANDLING SYSTEM					
AIR HANDLING SYSTEM					
VFD driven non-lubricating screw air compressor in acoustic enclosure & with after cooler & moisture separator (1 W + 1S)					
SS Air Receiver with accessories					
Air Dryer refrigerated type					
Compressed air pipes & fittings					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
STRUCTURAL BRIDGES/PLATFORMS					
SS structural platforms in tanker ways/CIP tanks/ghee equipment/silos spiral ladders, pouch filling machines, cross over bridge for crate conveyors etc.					
INDUSTRIAL ELECTRICAL HT					
INDUSTRIAL ELECTRICAL HT					
2 panel 11 KV HT VCB and Protection system					
HT Cable, 11 KV, XLPE					
Two pole structure with accessories					
OLTC Transformer 11 KV/415V with RTCC Panel					
INDUSTRIAL ELECTRICAL LT					
INDUSTRIAL ELECTRICAL LT					
LT Bus duct					
Power control centre (PCC)					
MCC's for LMP, Ghee, Curd, UHT and boilers					
Power & control cables					
Instrumentation cables					
RCPs, Frequency drive panel					
Earthing (Power & instruments/automation)					
Capacitor Panels with APFCR & Capacitors					
DG Set with AMF Panel					
Miscellaneous items					
- GI & SS cable trays					
- Isolators (with Emergency push buttons)					
- Rubber Mats					
- SS Conduits					
TOTAL SERVICE EQUIPMENT					
SERVICE EQUIPMENT CONTINGENCIES					
SERVICE EQUIPMENT CONTINGENCIES					
Service equipment contingencies					
TOTAL FOR SERVICE EQUIPMENT					
MISCELLANEOUS EQUIPMENT					
LABORATORY EQUIPMENT					
LABORATORY EQUIPMENT					
Gerber Test Equipment					
MBR Test kit					
Sediment Analyser					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Phosphatase Test kit					
Raw milk density meter					
Acidometer					
Sampling Kit					
Plate count test kit					
Swab test kit					
Advance range electronic pH meter					
Chlorine Sanitiser strength analyser					
Majonnier Fat tester					
Water examination test kit					
Infra red milk analyser					
Electric autoclave					
Polarimeter					
Microscope					
Magnetic stirrer					
Causticity / acidity test equipment					
Coliform bacteria test equipment					
Colony counter					
High precision weighing balance					
Heavy duty hot air oven					
Incubator					
Distilled water unit					
Antibiotics test kit					
Anaerobic count analysis equipment					
Microwave oven					
Laboratory, equipment, glassware, chemicals					
WORKSHOP MACHINES					
WORKSHOP EQUIPMENT AND TOOLS					
Workshop tools & equipment					
FIRE FIGHTING SYSTEM					
FIRE FIGHTING SYSTEM					
Fire extinguishers for LMP, control room, office, Workers' amenities, production building, butter cold store & deep freeze, ghee store, general store & lignite/coal/wood/briquette storage area					
WEIGHING EQUIPMENT					
WEIGHING EQUIPMENT					
Elec. Weigh bridge					
Elec. Weigh scale in central store					
COMMUNICATION EQUIPMWNT					
EPABX AND TELEPHONE					
EPABX and telephone system					
SPARE PARTS					
SPARE PARTS					

/Draft/
Model Sub Project Plan for PI under DTC scheme

Description	Capacity	Qty	Unit Price	Total Price	Total Price in Lakh Rs
Spares					
MISCELLANEOUS ITEMS					
Steam & Water Mixing batteries					
Misc items					
TOTAL					
MISCELLANEOUS EQUIPMENT CONTINGENCIES					
MISCELLANEOUS EQUIPMENT CONTINGENCIES					
Miscellaneous equipment contingencies					
TOTAL FOR MISC EQUIPMENT					
ERECTION					
ERECTION					
ERECTION, TESTING AND COMMISSIONING					
Erection of LMP, utilities, Misc. items + Misc. like insurance/water charges/ Electricity etc.					
TOTAL					
ERECTION CONTINGENCIES					
ERECTION CONTINGENCIES					
Erection contingencies					
TOTAL FOR ERECTION OF EQUIPMENT					

B. (Similar format to be used for Cattle feed, By-pass protein and Mineral Mixture plant)

Annex VIII: Marketing and sales plan for milk & milk products over next 3 years

Table 1.A: Breakup of Projected Liquid Milk (LM) Sales

Particulars	Unit	Base Yr.	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5
Urban Population	Lakhs						
Per capita Consumption	Gms/ day						
Liquid Milk Demand Potential	TLPD						
Total Milk sales by the Union	TLPD						
LM Sales through retailers	TLPD						
Full Cream Milk	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
200 ml	TLPD						
Standard Milk	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
200 ml	TLPD						
Toned Milk	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
200 ml	TLPD						
Double Toned Milk	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
200 ml	TLPD						
Any other Variant	TLPD						

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Model Sub Project Plan for PI under DTC scheme

Particulars	Unit	Base Yr.	Yr-1	Yr-2	Yr-3	Yr-4	Yr-5
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
200 ml	TLPD						
Breakup of Institutions LM Sales	TLPD						
Hotels	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
Restaurants	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
Caterers	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
Tea stall	TLPD						
5000 ml	TLPD						
1000 ml	TLPD						
500 ml	TLPD						
Others	TLPD						
Union's LM market share	%						
Liquid milk marketing as % of procurement							

Table 1.B: Breakup of Projected Value Added Products (VAP) Sales

Breakup of Products Sales	Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
Total Products to be sold by Union	Nos						
Product 1	TLPD/ MTPD						
Product 2							
Product 3 etc							
New Product launch 1							

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Model Sub Project Plan for PI under DTC scheme

Breakup of Products Sales	Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
New Product launch 2							
New Product launch 3 etc							
Products to be sold through Retailers & Parlours							
Product 1	TLPD/ MTPD						
Product 2							
Product 3 etc							
New Product -1							
New Product -2							
New Product -3 etc							
Products to be sold through Institutions							
Product 1	TLPD/ MTPD						
Product 2							
Product 3 etc							
New Product -1							
New Product -2							
New Product -3 etc							

Table 1.C: Distribution & retail network

Particulars		Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
Distribution network								
Distributors		Nos						
Distributor Routes		Nos						
Vehicles used for milk distribution		Nos						
Insulated vehicle	Own Vehicle	Nos						
	Hired vehicle	Nos						
Vehicle without insulation	Own Vehicle	Nos						
	Hired vehicle	Nos						
Retailers		Nos						
Total Retailers		Nos						

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Particulars	Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
Retailers with visi cooler	Nos						
Milk Parlours/ Booths	Nos						
Milk Parlours/booths with Visi cooler	Nos						
Institutional Buyers	Nos						
Hotels	Nos						
Restaurants	Nos						
Caterers	Nos						
Tea stall	Nos						
Other Institutions	Nos						

Table 2: Advertisement & Sales Promotional activities undertaken by Union

Particulars	Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
Outdoor Media							
Hoardings	Nos						
Ad-poles							
Sign boards	Nos						
Banners – Vinyl	Nos						
Danglers	Nos						
Buntings	Nos						
Glow sign Boards	Nos						
Wall paintings	ft ²						
Vehicle Paintings/Vinyl Pasting	ft ²						
Parlour Paintings/Vinyl Pasting	ft ²						
Retail shop Painting	ft ²						
Ads on Bus Shelter	ft ²						
Print Media							
Newspaper Ads	Nos						
Newspaper insertions	Nos						
Pamphlets	Nos						

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Model Sub Project Plan for PI under DTC scheme

Particulars	Unit	Base Yr.	Yr -1	Yr -2	Yr-3	Yr-4	Yr-5
Stickers	Nos						
Brochures	Nos						
Others							
Electronic Media							
Radio Jingles	Nos						
Ads in Cable TV Network	Nos						
Ads in Cinema Theatres	Nos						
Others							
Social Awareness Campaign							
Sponsoring Social Awareness Campaigns	Nos						
Sponsoring school events and programmes	Nos						
Organising Programmes and events (<i>Eg. Cooking competition, Most Progressive Retailers & Distributors, etc.</i>)	Nos						
School Student visit to Dairy	Nos						
Others	Nos						
Social Media							
Advertisement through Social Media sites	Nos						

Annex IX: List of villages to be covered for Productivity Enhancement Activities

A. Calf Rearing Programme (CRP)

No.	District name	Taluka Name	Village Name	Census Code (as per Human Census 2011)	Name of DCS	Existing Milk procurement (TKgPD)	Milch animals (Nos.)	Heifers (Nos.)
1								
2								
3								
4								

B. Animal Nutrition Advisory Services

No.	District name	Taluka Name	Village Name	Census Code (as per Human Census 2011)	Name of DCS	Existing Milk procurement (TKgPD)	Milch animals (Nos.)	Heifers (Nos.)
1								
2								
3								
4								

C. Fodder Development

No.	District name	Taluka Name	Village Name	Census Code (as per Human Census 2011)	Name of DCS	Existing Milk procurement (TKgPD)
1						
2						
3						
4						

Annex X: The schedule of implementation of activities under the project

Component A: Strengthening Milk Procurement Activities

No.	Activity	Total time taken to complete the activity (in days)	Year 1								Year 2							
			Month 1				Month 2				Month 1				Month 2			
			W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4
1	Identification and recruitment of manpower																	
	Identification of manpower of Union for the project activities																	
	Identification/ Recruitment of DCS secretary																	
	Identification of DCS Management Committee																	
2	Purchase of Goods																	
	Capital Items																	
	Stock record of goods																	
3	Identification of villages																	
	Organisation of Gram Sabha																	
	Registration of society																	
	Construction of building for DCS																	
	Installation of EMAT																	
	Installation of AMCU/DPMCU																	
4	Installation of BMC																	
	Identification of location for building/ existing building																	
	Construction of building for BMC																	
	Installation of BMC																	
5	Training & Capacity Building																	
	Training of Union employees																	
	Training of DCS secretaries																	
6	Initiation of milk procurement																	

Note: This rollout plan is for the activities (identifying villages for DCS organisation/strengthening, installing AMCU/DPMCU/BMC) envisaged in the 1st year. Similar process would be followed in subsequent years.

Component B: Strengthening of Milk Processing Activities

No.	Activity	Total time taken to complete the activity (in days)	Year 1												Year 2			
			M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M1	M2	M3	M4
1.	Preliminary activities																	
2.	Execution of Civil work																	
3.	Processing Plant																	
4.	Refrigeration Plant																	
5.	Steam Generation Plant																	
6.	Industrial Electricals																	
7.	ETP																	
8.	Project completion & handing over																	

Component C: Strengthening of Marketing Infrastructure

No.	Activity	Total time taken to complete the activity (in days)	Year 1								Year 2							
			Month 1				Month 2				Month 1				Month 2			
			W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4
1	Identification and recruitment of manpower																	
	Identification of manpower of Union for the project activities																	
2	Purchase of Goods																	
	Capital Items																	
	Stock record of goods																	
3	Identification of location for milk booth																	
	Paperwork and getting necessary clearances																	
	Installation of Deep freezer/ Vizi cooler																	
	Establishment of walk-in-cold storage																	
4	Awareness programmes & Market studies																	
	Awareness programmes																	
	Market studies																	
5	Training & Capacity Building																	
	Training of Union employees																	

Note: This rollout plan is for the activities envisaged in the 1st year. Similar process would be followed in subsequent years.

Component D: Support for ICT Infrastructure

No.	Activity	Total time taken to complete the activity (in days)	Year 1								Year 2							
			Month 1				Month 2				Month 1				Month 2			
			W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4
1	Identification and recruitment of manpower																	
	Identification of manpower of Union for the project activities																	
2	Purchase of Goods																	
	Capital Items																	
	Stock record of goods																	
3	Pilot run																	
5	Training & Capacity Building																	
	Training of Union employees																	

Component E: Productivity Enhancement- through nutritional interventions

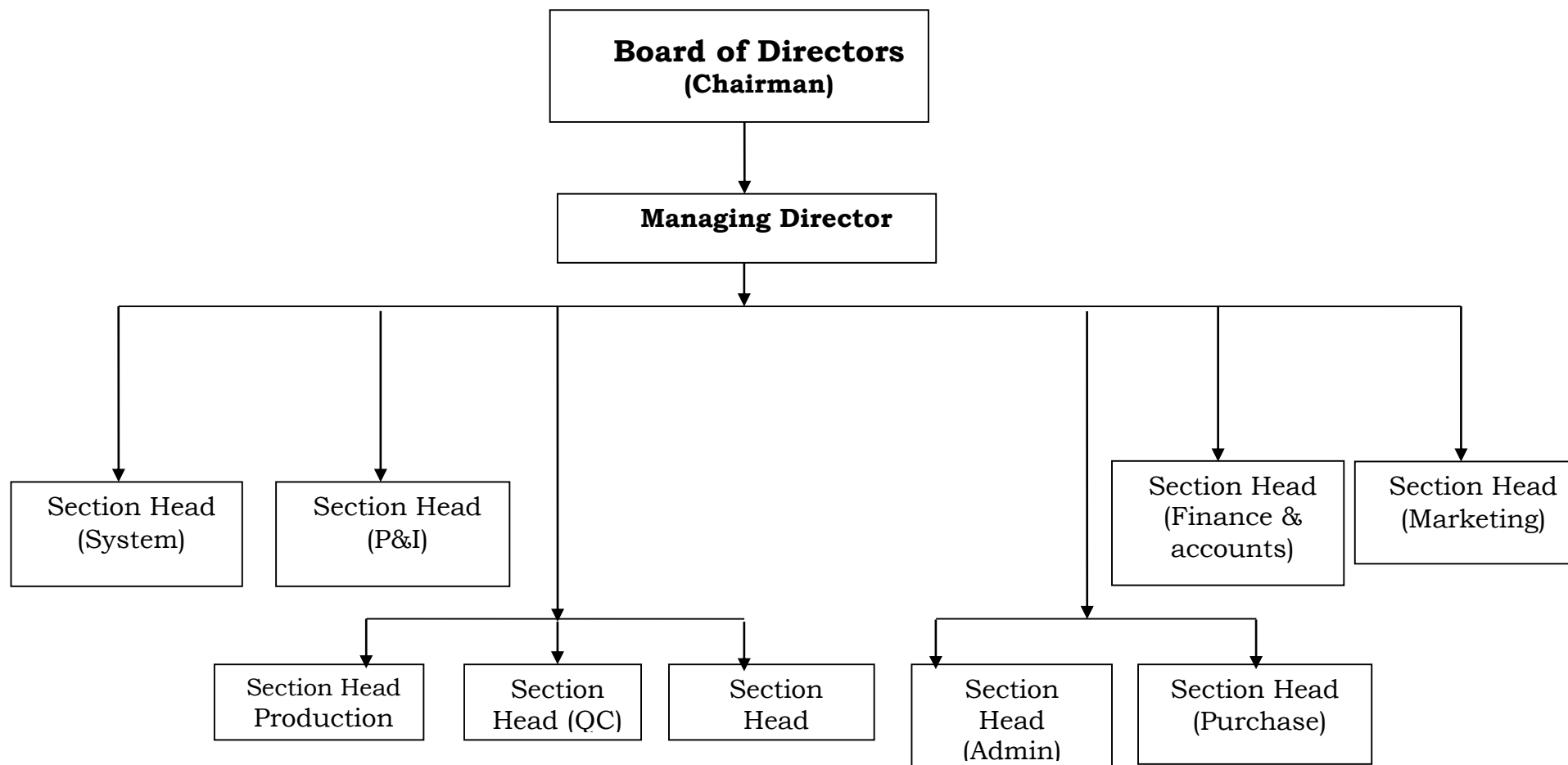
No.	Activity	Total time taken to complete the activity (in days)	Year 1								Year 2							
			Month 1				Month 2				Month 1				Month 2			
			W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4
1	Identification and recruitment of manpower																	
	Identification of ANO/ FDO																	
	Identification of CRP/AN supervisors																	
2	Purchase of Goods																	
	Capital Items																	
	Stock record of goods																	
3	Identification of villages & animals																	
	Finalisation of villages																	
	Identification of farmers willing to participate under CRP																	
	Identification of pregnant animals																	
4	Registration of animals																	
	Ear tagging & Registration of pregnant animals																	
	Follow-up of pregnant animals																	
	Ear tagging & Registration of female calves																	
5	CRP activities																	
	Deworming of female calves																	
	Vaccination of female calves																	
	Assistance for pregnancy feed																	
	Assistance for calf starter																	

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Model Sub Project Plan for PI under DTC scheme

No.	Activity	Total time taken to complete the activity (in days)	Year 1								Year 2							
			Month 1				Month 2				Month 1				Month 2			
			W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4
	Assistance for calf growth meal																	
	Assistance for transition feed																	
5	An Advisory Services																	
	Assistance for mineral mixture																	
	Assistance for transition feed & early lactation feed																	
6	FD activities																	
	Silage making																	
	Demo for Mower																	
	Other activities ...																	
7	Training & Capacity Building																	
	Training to ANO/FDO																	
	Training to CRP/AN Supervisor																	
8	Project Monitoring and support																	
	Salary to ANO																	
	Salary to CRP/AN Supervisor																	
	Office expenses for ANO																	

Note: This is an indicative rollout plan for the activities envisaged in the 1st year. Similar process would be followed in subsequent years.

Annex XI: Organogram of the Milk Union



Annex XII: Procurement Plan and Procurement Schedule

A. Procurement Plan

No.	Item	No.	Unit Rate (Rs.)	Total estimated cost (Rs in lakhs)	Method of procurement	Review
1	Milk Collection accessories					
2	Milk cans					
3	ICT support of milk procurement					
	Total					

B. Procurement Schedule

No.	Item	Quantity (nos.)	Total estimate cost (Rs in lakh)	Method of procurement	Issuance of IFB	Receipt and opening of bids	Evaluation of bids and approval of competent Authority	Issuance of Purchase Order	Start of supply	Completion of supply
1	Milk Collection accessories									
2	Milk cans									
3	ICT support of milk procurement									
	Total									

Annex XIII: Environmental Checklist

Screening Format

Name of Proposed Project:

Project Executing Organization, Project Proponent or Investment Company:

Name, Address, Organization, and Contact Point of a Responsible Officer:

Name:

Address:

Organization:

Tel:

Fax:

E-Mail:

Date:

Signature:

Check Items

Please write “to be advised (TBA)” when the details of a project are yet to be determined.

Question 1: Address of project site

Question 2: Scale and contents of the project (approximate area, facilities area, production, electricity generated, etc.)

2-1. Project profile (scale and contents)

2-2. How was the necessity of the project confirmed?

Is the project consistent with the higher program/policy?

☐ YES: Please describe the higher program/policy.

()

☐ NO

2-3. Did the proponent consider alternatives before this request?

□NO

☒ Implemented ☐ Not implemented

□Administrative body

□NGO

Question 3:

☐New ☐Ongoing (with complaints) ☐Ongoing (without complaints)

Is an Environmental Impact Assessment (EIA), including an Initial Environmental Examination (IEE) Is, required for the project according to a law or guidelines of a host country? If yes, is EIA implemented or planned? If necessary, please fill in the reason why EIA is required.

(Reason why EIA is required: _____)

☐ Other (please explain)

In the case that steps were taken for an EIA, was the EIA approved by the relevant laws of the host country? If yes, please note the date of approval and the competent authority.

<input type="checkbox"/> Approved without a supplementary condition	<input type="checkbox"/> Approved with a supplementary condition	<input type="checkbox"/> Under appraisal
---	--	--

(Date of approval: Competent authority:)

☐ Under implementation

☐ Appraisal process not yet started

☐ Other ()

Question 6:

If the project requires a certificate regarding the environment and society other than an EIA, please indicate the title of said certificate. Was it approved?

☐ Already certified

Title of the certificate: ()

☐ Requires a certificate but not yet approved

☐ Not required

☐ Other ()

Question 7:

Are any of the following areas present either inside or surrounding the project site?

☐ Yes ☐ No

If yes, please mark the corresponding items.

☐ National parks, protection areas designated by the government (coastline, wetlands, reserved area for ethnic or indigenous people, cultural heritage)

☐ Primeval forests, tropical natural forests

☐ Ecologically important habitats (coral reefs, mangrove wetlands, tidal flats, etc.)

☐ Habitats of endangered species for which protection is required under local laws and/or international treaties

☐ Areas that run the risk of a large scale increase in soil salinity or soil erosion

☐ Remarkable desertification areas

☐Areas with special values from an archaeological, historical, and/or cultural points of view

☐Habitats of minorities, indigenous people, or nomadic people with a traditional lifestyle, or areas with special social value

Question 8:

Does the project include any of the following items?

☐Yes ☐No

If yes, please mark the appropriate items.

☐Involuntary resettlement (scale: households persons)

☐Groundwater pumping (scale: m³/year)

☐Land reclamation, land development, and/or land-clearing (scale: hectors)

☐Logging (scale: hectors)

Question 9:

Please mark related adverse environmental and social impacts, and describe their outlines.

☐Air pollution

☐Water pollution

☐Soil pollution

☐Waste

☐Noise and vibrations

☐Ground subsidence

☐Offensive odors

☐Geographical features

☐Bottom sediment

☐Biota and ecosystems

☐Water usage

☐Accidents

☐Global warming

☐Involuntary resettlement

☐Local economies, such as employment, livelihood, etc.

☐Land use and utilization of local resources

☐Social institutions such as social infrastructure and local decision-making institutions

☐Existing social infrastructures and services

☐Poor, indigenous, or ethnic people

☐Misdistribution of benefits and damages

☐Local conflicts of interest

☐Gender

☐Children's rights

<input type="checkbox"/> Cultural heritage	[]
<input type="checkbox"/> Infectious diseases such as HIV/AIDS		
<input type="checkbox"/> Other ()		
Outline of related impact:		

Question 10:

In the case of a loan project such as a two-step loan or a sector loan, can sub-projects be specified at the present time?

☐Yes ☐No

Question 11:

Regarding information disclosure and meetings with stakeholders, if JICA's environmental and social considerations are required, does the proponent agree to information disclosure and meetings with stakeholders through these guidelines?

☐Yes ☐No

Annex XIV: Board resolution (sample)

The Board of Directors of XYZ Milk Union in its meeting held on (date) vide Resolution No. 123 has adopted the following resolution:-

Resolution No. 123

“RESOLVED that the approval of the Board be and is hereby accorded to the Union for receiving assistance under ‘Dairying Through Cooperatives (DTC) scheme.’”

“FURTHER RESOLVED THAT the Union intends to establish ____ new DCS, ____ BMCs and ____ AMCU, ____ LLPD dairy plant, ____ walk-in-cold storage. The Union also intends to implement Productivity Enhancement Activities through implementation of Calf Rearing Programme, Animal Nutrition Advisory Services and Fodder Development activities in ____ villages.”

“FURTHER RESOLVED THAT out of total project cost of about Rs. ____ Lakh, the Union intends to avail Rs. ____ Lakh as grant, Rs. ____ Lakh as loan under the above scheme and is ready to contribute the balance amount of Rs. ____ Lakh from its own sources.”

“FURTHER RESOLVED THAT, the Union hereby assures that it would continue to implement all the activities under the project on a sustainable basis.”

“FURTHER RESOLVED THAT, the Union hereby ensures that there is no duplication or overlap of the proposed activity(s) with the existing schemes of the Central and State Government departments in the operational area of the Union.

“FURTHER RESOLVED THAT Managing Director of the Union be and is hereby authorised to execute all documents including the Loan Agreement with National Dairy Development Board (NDDB), on behalf of the Union and carry out any other relevant action that may be necessary for the appraisal and successful implementation of the project after its approval.”

Signature
Designation
Seal

Annex XV: Component wise cost table

Component A - Strengthening Milk Procurement infrastructure

No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
	Key Parameters/Physical Targets														
	New Villages to be covered	Nos.													
	Villages to be covered for strengthening	Nos.													
	Total villages to be covered	Nos.													
	Milk producer members to be enrolled	Nos.													
	Women producer members enrolled @ 50%	Nos.													
	Additional milk procurement (incremental)	TKgPD													
	Additional milk procurement (cumulative)	TKgPD													
	Participating Institutions	Nos.													
A	Assistance to Village level Producers' Institution														
A1	Building for Village Producer Institution	Nos.							5.00						
A2	SS milk collection Accessories, testing equipment, DCS board, furniture etc.	Nos.							1.00						

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No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
A3	AMCU - Capital Cost & operating cost	Nos.							1.75						
A4	Management grant to Village level functionary (tapering over 2 years - 100%, 50%)	Nos.							0.36						
	Sub Total (A)														
B	Support for BMCs														
B1	Building for Bulk Cooler	Nos.							3.00						
B2	Bulk Milk Coolers(2KL)	Nos.							8.00						
B3	Tankers for milk transportation 10KL	Nos.							15.00						
	Sub Total (B)														
	Total Outlay (A+B) without Price Contingency														
	Price Contingency @ 6%														
	Total Outlay with Price Contingency														
	Pattern of Assistance														
A	JICA ODA Loan														
B	Grant														
C	PIs Contribution														
	Total Outlay														

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Component B - Strengthening of Milk Processing Infrastructure

No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021 -22	2022 -23	2023 -24	2024 -25	2025 -26	Total		2021 -22	2022 -23	2023 -24	2024 -25	2025 -26	Total
A	Modernisation & creation of new - milk processing plant, drying plant & VAP														
A1	New Plants	TLPD													
	-100 TLPD Plant	Nos.							3800.00						
	-300 TLPD Plant	Nos.							9000.00						
A2	Modernisation/expansion of existing plant	TLPD													
	- 0.40 to 1 LLPD	Nos.							3000.00						
	- 0.60 to 1.00 LLPD	Nos.							3500.00						
	- 1 to 2 LLPD	Nos.							4000.00						
A3	Product Plants	MTPD / TLPD													
	- Drying Capacity	MTPD							150.00						
	- Ice Cream Plant	TLPD													
	- Aseptic Flavoured Milk	TLPD													
	- Indigenous Sweets	MTPD													
	- Dahi, Yoghurt or Fermented Milk	MTPD							25.00						
	- Cheese or Paneer	MTPD							25.00						
B	Feed & Feed Manufacturing Plant	MTPD													
	- Cattle Feed Plant - 150 TLPD	Nos.							4000.00						
	- Bypass Protein Plant - 50 MTPD								800.00						
	- Mineral Mixture Plant - 12 MTPD								40.00						
	Total Outlay without Price Contingency														

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No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021 -22	2022 -23	2023 -24	2024 -25	2025 -26	Total		2021 -22	2022 -23	2023 -24	2024 -25	2025 -26	Total
	Price Contingency @ 6%														
	Total Outlay with Price Contingency														
	Pattern of Assistance														
A	JICA ODA Loan														
	- Milk processing facilities and manufacturing facilities for Value Added Products														
	- Feed & feed supplements manufacturing infrastructure														
B	Grant														
C	PIs Contribution														
	- Milk processing facilities and manufacturing facilities for Value Added Products														
	- Feed & feed supplements manufacturing infrastructure														
	Total Outlay														

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Component C – Support for Marketing Infrastructure

No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
A	Cold Chain Infrastructure:														
	- Walk-in-Cold Store - 50 KL Capacity	Nos.							5.00						
	- Walk-in-Cold Store - 25 KL Capacity	Nos.							2.50						
	- Walk-in-Cold Store - 10 KL Capacity	Nos.							1.00						
B	Insulation for Marketing Vans 5KL Capacity	Nos.							2.00						
C	Milk Parlours with Visi Cooler and Deep Freezer	Nos.							3.00						
D	Consumer awareness Programme	Nos.							0.25						
E	Market Studies	Nos.							10.00						
F	Market Promotion Cost on tapering (tapering over 3 years - 100%, 75%, 50%)								LS						
	Total Outlay without Price Contingency														
	Price Contingency @ 6%														
	Total Outlay with Price Contingency														
	Pattern of Assistance														
A	JICA ODA Loan														
B	Grant														
C	PIs Contribution														
	Total Outlay														

Component D – Support for Information & Communication Technology

No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
	Number of DCS/MPIs to be covered	Nos.													
A	Capital Cost														
A1	Internet Dongle at DCS/MPI level	Nos.							0.03						
B	Operational Cost														
B1	At DCS/MPI Level														
	Internet charge for 3 years	Nos.							0.15						
B2	At PI Level														
	Internet charge for 3 years	Nos.							0.54						
	Software implementation support to DCS/MPI for 3 years	Nos.							0.05						
	AMC for AMCS software for 3 years	Nos.							1.80						
	Server hosting support for 3 years	Nos.							7.20						
	SMS charges for 3 years <i>(note a)</i>	Nos.							0.16						
	Total Outlay without Price Contingency														
	Price Contingency @ 6%														
	Total Outlay with Price Contingency														
	Pattern of Assistance														
A	JICA ODA Loan														
B	Grant														
C	PI's Contribution														
	Total Outlay														

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Component E - Productivity Enhancement – through Nutritional Interventions

No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
	Physical Targets														
1	Animal Nutrition Officer (ANO)#	No.													
2	Supervisors	No.													
	- CRP Supervisors (5 per module(district))	No.													
	- AN Advisory Services (2 per district)	No.													
3	Villages to be covered (inc.)														
	- Calf Rearing Programme	No.													
	- AN Advisory Services*	No.													
4	Animals to be covered (inc.)														
	- Pregnant animals under CRP (5 animals per village per year for 2 years)	No.													
	Female calves under CRP	No.													
	Animals for feeding Mineral Mixture (40 animals per village)	No.													
	Animals to be covered for Transition and Early lactation feed (10 animals per village)	No.													
	Animals to be covered under Pashuposhan	No.													
	Financial Outlay														
A.	Calf Rearing Programme														
A.1	Assistance for Pregnancy feed (50% assistance) (note a)	TKg							0.14						

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
A.2	Assistance for Calf starter (50% assistance) (note b)	TKg							0.15						
A.3	Assistance for Calf growth meal (50% assistance) (note c)	TKg							0.125						
A.4	Assistance for Transition feed (post calving feed) for DAMs (50% assistance) (note d)	TKg							0.15						
A.5	Deworming for female calves & Fertility Improvement	Nos.							0.00075						
A.6	Vaccination for female calves	Nos.							0.00070						
A.7	Ear tag (with 25% physical contingency)								0.00012						
A.8	Working Kit for CRP (with 20% physical contingency) (note e)								0.025						
A.9	Stationery/ Data records (Booklet etc.) (note f)								0.01						
B.	Animal Nutrition Advisory Services														
B.1	Assistance for distribution of Mineral mixture (50% assistance) (note g)	MT							0.40						
B.2	Assistance for distribution of Transition feed and Early Lactation Feed (50% assistance) (note h)	MT							0.15						
B.3	Ear tag (with 25% physical contingency)	Nos.							0.00012						
B.4	Working Kit (with 20% physical contingency) (note i)	Nos.							0.025						

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
B.5	Stationery/ Data records (Booklet etc.) (note j)	Nos.							0.01						
C.	Fodder Development Activities														
C.1	Green Fodder Production Enhancement														
a	Fodder seed Support to farmers for TL/ Certified/Hybrid fodder seeds														
	Legume fodder crops (Truthfully Labelled) (note k)	MT							0.30						
	Legume fodder crops (Certified) (note l)	MT							0.40						
	Cereal fodder crops (Truthfully Labelled)	MT							0.10						
	Cereal fodder crops (Certified)	MT							0.20						
	Plantation of roots/stem cuttings of perennial grasses	Lakhs							1.00						
	Planting of fodder trees	Lakhs							1.00						
C.2	Demonstration of Crop residues management technologies														
a	Demonstration of crop residue management through Mower														
	High speed wet biomass management units large capacity (note m)	Nos.							40.00						

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
	Mower upto 5HP (preferably combine prevention version) (note n)	Nos.							1.00						
	Mower 5-15 HP (preferably combine prevention version) (note o)	Nos.							6.00						
	Mower over 15 HP (reaping, baling, threshing & bundle making & prime mower) (preferably combine prevention version) (note p)	Nos.							20.00						
C.3	Demonstration of Fodder Conservation Technologies														
a	Demonstration of fodder conservation through Chaff cutter and Fodder storage Godown														
	Chaff cutter Manual	Nos.							0.10						
	Chaff cutter Power	Nos.							0.25						
	Conveyer fed chaff-cutter (Chopper Loader) to DCS	Nos.							1.75						
	Fodder storage godown dry & green dual purpose	Nos.							15.00						
b	Demonstration of Green Fodder Conservation through Silage making														
	Low cost silage making at DCS Level (note q)	No.							10.00						
C.4	Demonstration and Propagation of modern fodder														

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
	production & conservation technologies														
	Establishment of Micro - training centre	Nos.							10.00						
	Commercial fodder production through Participating Institutions	Ha							5.00						
D	Extension activities														
D.1	Village awareness programmes for enhancing adoption of cattle feed, green fodder & mineral mixtures	No. of programmes							0.10						
D.2	Awareness campaign on calf rearing (note r)	No. of campaigns							0.30						
D.3	Promotional materials (poster, pamphlet, reading material) (note s)	Nos.							0.03						
D.4	Feed testing charges for CF, MM and CRP feed														
	Feed testing charges under CRP (note t)	Nos.							0.120						
	Feed testing under Animal Nutrition Advisory Services (note u)	Nos.							0.05						
E	Capacity Building / Training														
E.1	Training to ANO	No. of ANO							0.20						

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
E.2	Training to AN and CRP Supervisors <i>(with 50% physical contingency)</i>	No. of AN & CRP supervisors							0.20						
E.3	Milch animal rearing for dairy farmers	Nos.							0.10						
F	Project Monitoring Support														
F.1	Salary to Animal Nutrition Officer (ANO) (1 per district) <i>(note v)</i>	No.							7.20						
F.2	Salary to Animal Nutrition Supervisor (2 per district) <i>(note w)</i>	No.							3.00						
F.3	Salary to CRP Supervisor (5 per district) <i>(note x)</i>	No.							1.80						
F.4	Laptop for ANO <i>(note y)</i>	No.							0.70						
F.5	Tablet for Animal Nutrition Supervisors and CRP Supervisors <i>(with 20% physical contingency) (note z)</i>	No.							0.17						
F.6	Camera to ANO <i>(note aa)</i>	Nos.							0.30						
F.7	Propulsion charges for ANO <i>(note ab)</i>	No.							3.60						
F.8	Mobile and internet charges <i>(note ac)</i>														
	Animal Nutrition Officer	No.							0.06						
	Animal Nutrition & CRP Supervisor	No.							0.04						

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No.	Particulars	Unit	Physical Targets						Unit Cost (Rs. in lakh)	Financial Outlay (Rs. in lakh)					
			2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
F.9	Office expenses for ANO (<i>note ad</i>)	No.							0.05						
	Total														
	Price Contingency @6%														
	Total with price contingency @ 6%														
	Pattern of Assistance														
A	ODA Loan														
B	Grant														
C	Participating Institution (PI) Contribution														
	Total														

Note:

- a - Pregnancy Feed @ Rs 28/kg feed including transportation cost (2 Rs./kg). Feed for 60 days (3 kg per animal per day). 50% assistance considered under project.
- b - Calf Starter @ Rs 30/kg feed including transportation cost (2 Rs./kg). Feed for 178 days (225 kg per animal per module). 50% assistance considered under project.
- c - Calf Growth meal @ Rs 25/kg feed including transportation cost (2 Rs./kg). Feed for 574 Days (2.5 kg per animal per day). 50% assistance considered under project.
- d - @ Rs 30 / kg transition feed. 4 kg per day for 90 days. 50% assistance considered under project.
- e - Calf Rearing kit (ear tags, ear tag applicator, measuring tape, weighing balance 5 & 25 kg, 1 bag) @ Rs. 2500 with 20% extra
- f - Register (100 pages) 300 number, per village
- g - Mineral Mixture will be given 100 gm per day for 300 days per animal. Cost of Mineral mixture is considered Rs. 80 per kg on which 50% assistance would be provided.
- h - Transition feed and early lactation feed will be given 4 kg per day for 21 days before and 90 days after calving per animal. For non CRP POIs only i.e. for 15 POIs. Cost of feed is considered Rs. 30 per kg on which 50% assistance would be provided.
- i - Working kit (ear tag applicator, 1 bag) @ Rs. 1000 with 20% extra

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- j - Register (100 pages) 100 number, per village
- k - Cost of legumes (Berseem) is considered Rs. 350 per Kg on which assistance of Rs. 30 has been considered for TL seed under the project
- l - Cost of legumes (Berseem) is considered Rs. 350 per Kg on which assistance of Rs. 40 has been considered for certified seed under the project
- m - Mower set with cutting width up to 300 cm, hp 75 to 150, for carrying out harvesting, lining, chopping, loading, threshing, baling and wrapping of cereal & fodder crops ensuring zero wastage of fodder. Complete in all respects with prime mover and box type trailer set.
- n - Mower set with cutting width up to 100 cm, hp below 5, for carrying out harvesting and lining of cereal & fodder crops at ground level ensuring zero wastage of fodder.
- o - Mower set with cutting width up to 150 cm, 5-15 HP, option of ride on; for carrying out harvesting and lining of cereal & fodder crops at ground level ensuring zero wastage of fodder. With add on facility for chopping, threshing or shredding.
- p - Mower set with cutting width up to 220 cm, hp below 75, for carrying out harvesting, lining, chopping, loading, threshing, baling and wrapping of cereal & fodder crops ensuring zero wastage of fodder. Complete in all respects with prime mover and box type trailer set.
- q - Silage of 250 MT at DCS level
- r - Awareness campaigns on calf rearing @ Rs 30,000 per campaign (1 campaign per supervisor); Calf rally, Award to winners, High tea, stage, sound system, etc.
- s - Poster, Pamphlet or reading material for farmers per village
- t - 20 tests per module (spread over 2 years)
- u - 20 tests per module (spread over 2 years)
- v - Rs. 60,000 per month per ANO per district for FD, CRP and Feed & Feed Supplement activities
- w - Rs. 25,000 per month (Rs. 20000 salary & Rs.5000 propulsion charges) per Animal Nutrition Supervisor (2 supervisor per district) for FD and Feed Supplement activities
- x - Rs. 15,000 per month (Rs.12000 salary and Rs.3000 propulsion charges) per CRP Supervisor for CRP activities
- y - 1 Laptop per ANO of Rs. 70000
- z - Rs. 17,000 per Animal Nutrition and CRP supervisor with 20% contingency
- aa - 1 Camera per ANO of Rs. 30000
- ab - Propulsion charges of Rs. 30,000 per month per ANO
- ac - Mobile and internet charges of Rs. 500 per month per ANO & Rs. 300 per CRP Supervisor
- ad - Office expense Rs. 5000 per month per ANO

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Component F – Training and Capacity Building

No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
Component A - Strengthening Milk Procurement Infrastructure															
A.1	Programmes														
	Farmers' induction program	Nos.							0.025						
	Farmers orientation program	Nos.							0.03						
	Awareness program on clean milk production	Nos.							0.001						
	Management Committee Members (MCM) Orientation programme for New DCS	Nos.							0.02						
	Board of Directors (BOD) orientation program	Nos.							0.1						
	Business Appreciation Program for Existing Proc. Staff	Nos.							0.1						
A.2	Training														
	Basic Training for new DCS Secretaries	Nos.							0.1						
	Refresher Training of DCS secretaries	Nos.							0.02						
	Operation & Maintenance of BMC/AMCU/DPMCU Operators	Nos.							0.1						
	Strategic Dairy Business Management for MD & Section Heads	Nos.							0.5						
	Sub Total (Component A)														
Component B - Strengthening Milk Processing Infrastructure															
B1	Dairy Plant Management	Nos.							0.3						

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No.	Particulars	Physical Targets							Unit Cost (Rs. in lakh)	Financial Outlays (Rs. in lakh)					
		Unit	2021-22	2022-23	2023-24	2024-25	2025-26	Total		2021-22	2022-23	2023-24	2024-25	2025-26	Total
B2	Dairy Plant Hygiene and Sanitation ensuring compliances of FSSAI regulations	Nos.							0.2						
B3	Modern Dairy Management practices including TQM, Kaizen, 5S, ISOs	Nos.							0.2						
	Sub Total (Component B)														
Component C - Strengthening Marketing Infrastructure															
C1	Retailers Awareness Programme	Nos.							0.001						
C2	Marketing Management Training for officers	Nos.							1						
C3	Marketing Approaches in Milk & Milk Products for marketing team	Nos.							0.2						
	Sub Total (Component C)														
Component D - Infrastructure & Communication Technology															
D1	Software Training at POI Level	Nos.							0.38						
D2	Training at DCS Level	Nos.							0.07						
	Sub Total (Component D)														
	Total Outlay (A+B+C+D)														
	Price Contingency @ 6%														
	Total Outlay with Price Contingency														
	Pattern of Assistance														
A	JICA ODA Loan														
B	Grant														
C	PI's Contribution														
	Total Outlay														

Annex XVI: Sustainability of New DCS

No.	Particulars	Unit (in Rs.)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
A	DCS details											
	Number of producers to be enrolled (incr.)											
	Number of producers to be enrolled (cum.)											
	Average milk collected per member (KgPD)											
	Estimated Milk procurement (KgPD) (incr.)											
	Estimated Milk procurement (KgPD) (cum.)											
	Milk Cans (incr.)											
	Milk Cans (Cum)											
B	Investment											
	Milk collection accessories											
	DPMCU											
	Milk Cans											
	Total investment											
C	Operating statement											
C1	Income											
	Stipend to DCS Secretary (Sub project funding)											
	DCS Commission											
	Margin to DCS from Local Sale (@ Rs. 25/- per Litre of milk) (1 % of total milk procured)											
	Sample milk sale (30 ml per sample)											

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No.	Particulars	Unit (in Rs.)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
	Income from Weight-Volume difference (Rs. 20.5/- per Kg of milk)											
	Total income											
C2	Expenses											
	House Rent @ Rs. 300/- per month											
	Electricity @ Rs. 200/- per month											
	Water @ Rs. 50/- per month											
	Other expenses (stationary - 50, travelling @ Rs. 250/- per month)											
	Testing expenses @ Rs. 0.10/- per sample											
	Testing equipment maintenance expenses											
	Audit fee											
	Other expenses (Board meeting, guest entertainment, etc.)											
	Honararium to Secretary @ Rs. 3000/- per month (including stipend received from the project)											
	Depreciation											
	Total expenses											
C3	Profit											
C4	Depreciation											
C5	Cash Profit											
C6	Net profit											

Figures are indicative.

Annex XVII: Sustainability of BMC

No.	Details	Unit cost (Rs. Lakh)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
A	BMC DCS details											
	Pourer members in BMC DCS											
	Pourer members in satellite villages/DCS											
	Total pourer members											
	Milk from Main BMC Villages (KgPD)											
	Milk from satellite villages/DCS (KgPD)											
	Total milk procured											
	Proposed BMC capacity (KL)											
	BMC Utilisation (%)											
B	Investment											
	Milk collection accessories	0.16										
	2 Kl BMC	8.00										
	AMCU	1.58										
	BMC accessories	0.31										
	Cans	0.03										
	Total investment											
C	Operating statement											
C1	Income	0.9										
	DCS Commission	0.0000012										
	Margin to DCS from Local Sale (@ Rs. 10/- per Litre of milk)	0.0001										
	(10% of total milk procured)											

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No.	Details	Unit cost (Rs. Lakh)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
	Income from Weight- Volume difference	0.000346										
	(Rs. 34.63/- per Kg of milk)											
	Sample milk sale(@30ml per pourer member)	0.000346										
	Total Income											
C2	Expenses at BMC											
	BMC DCS office Rent	0.12										
	Expenses towards testing equipments maintenance	0.02										
	Repair and Maintenance of BMC (AMC of Rs. 18000 per year + 12.36% service tax + Rs. 24000 for parts not covered in AMC like gas refilling, filter, oil etc.)	0.44										
	Repair and Maintenance of AMCU (AMC of Rs. 5650 per year + 12.36% service tax + Rs. 1000 for parts not covered in AMC)	0.07										
	Battery Expenses@ Rs 7000/- to be replaced once in 3 yrs	0.02										
	Water @ Rs. 100/- per month	0.01										
	Testing expenses @ 0.10 per sample	0.000001										
	Audit fees	0.12%										
	Stationery Expenses	0.05										

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No.	Details	Unit cost (Rs. Lakh)	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Yr 7	Yr 8	Yr 9	Yr 10
	Other expenses (Board meeting, guest entertainment, etc.)	0.02										
	BMC DCS secretary salary @ Rs. 3000/- per month	0.3										
	BMC DCS tester salary @ Rs. 2000/- per month	0.24										
	BMC DCS Helper salary @ Rs. 1500/- per month	0.18										
	Depreciation											
	<i>Actual Depreciation</i>											
	<i>Less Grant recognised</i>											
	Total Expenses											
C3	Profit											
C4	Depreciation											
C5	Cash Profit											

Figures are indicative.

Annex XVIII: Projected Operating Statement of the Union

A. Projected Material Balancing Statement

Particulars	Unit	Fat %	SNF %	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Procurement														
Cow milk (Own Procurement)	TKgPD													
Milk (from other Unions)	TKgPD													
Total	TKgPD													
Total Fat Procured in Milk	MT													
Total SNF Procured in Milk	MT													
Disposal of Milk in Sachets														
Toned milk	TLPD													
Double toned milk	TLPD													
Standard milk	TLPD													
Full cream milk	TLPD													
Fat Disposed-Milk	MT													
SNF Disposed-Milk	MT													
DISPOSAL (MILK PRODUCTS)														
Butter	MTPD													
Ghee	MTPD													
Curd	MTPD													
Lassi	TLPD													
Flavoured Milk	TLPD													
Other _____														

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Model Sub Project Plan for PI under DTC scheme

Particulars	Unit	Fat %	SNF %	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Other _____														
Other _____														
Fat Disposed-Products	MT													
SNF Disposed-Products	MT													
Processing Loss														
Fat Loss on Liquid Milk Procured	MT													
SNF Loss Liquid Milk Procured	MT													
Surplus/Deficit														
Fat Surplus	MT													
SNF Surplus	MT													
Conversion (Butter)	MT													
Conversion (SMP)	MT													
Production of Ghee	MT													
Local sale of Ghee	MT													
Ghee Sale (Depo)	MT													
Purchase of WB	MT													
Purchase of SMP	MT													
Opening Stock Ghee	MT													
Ghee Production	MT													
Ghee Sales	MT													
Closing Stock of Ghee	MT													

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Model Sub Project Plan for PI under DTC scheme

Particulars	Unit	Fat %	SNF %	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
Opening Stock of SMP	MT													
SMP Purchased	MT													
SMP Production	MT													
Sale of SMP	MT													
Use of SMP	MT													
Closing Stock of SMP	MT													

B. Projected Operating Statement

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
1	Sales Revenue												
i	Sale of Liquid Milk												
	Toned milk												
	200 ml												
	500 ml												
	6000 ml												
	Double Toned milk												
	500 ml												
	Full Cream milk												
	500 ml												
	6000 ml												
	Bulk Milk Sales												
	Other Sale (if any)												
	Total Sales of Liquid Milk												
ii	Sale of Milk Products												
	Butter												

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Model Sub Project Plan for PI under DTC scheme

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	100 gm												
	500 gm												
	Ghee												
	1 litre												
	5 litre												
	Curd												
	200 gm												
	500 gm												
	1 kg												
	Lassi												
	180 ml												
	500 ml												
	Flavoured milk												
	200 ml												
	Other 1												
	Variant _____												
	Other 2												
	Variant _____												
	Variant _____												
	Other 3												
	Variant _____												
	Variant _____												
	Sale of White Butter												
	Sale of SMP												
	Total Milk product sales												
	TOTAL INCOME (i+ii)												
2	Raw-material Cost												
i	Milk & milk products												

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Model Sub Project Plan for PI under DTC scheme

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	Opening stock (Milk/ Milk Products)												
	Purchase of Milk from DCS												
	Avg. Purchase of SMP												
	Avg. Purchase of Butter												
	Closing (Milk/ Milk Products)												
ii	Other materials used in milk products in New UHT plant												
a	Sugar												
b	Fruit concentrate/ flavour												
C	Salt												
	Total Cost of Raw Material												
3	Gross Margin (1-2)												
4	Variable Costs												
i	Procurement Transport (DCS)												
ii	Processing & Manufacturing Expenses												
	Conversion Cost												
	- White Butter												
	- SMP												
iii	Packing Cost												
	Toned milk												
	200 ml												
	500 ml												
	6000 ml												
	Double Toned milk												
	500 ml												
	Full Cream milk												
	500 ml												

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Model Sub Project Plan for PI under DTC scheme

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	6000 ml												
	Ghee												
	1 litre												
	5 litre												
	Curd												
	200 gm												
	500 gm												
	1 kg												
	Lassi												
	180 ml												
	500 ml												
	Flavoured milk												
	200 ml												
	Other 1												
	Variant _____												
	Other 2												
	Variant _____												
	Variant _____												
	Other 3												
	Variant _____												
	Variant _____												
iv	Distribution Expenses (milk & milk products)												
	Total of variable costs (i+ii+iii+iv)												
	% Variable Cost												
5	Contribution (3-4)												
6	Fixed Costs												

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Model Sub Project Plan for PI under DTC scheme

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	Salaries & Benefits to Employees												
	Additional Salary for the new Plant												
	Administrative Expenses												
	Marketing Cost												
	Total Fixed Cost												
9	Profit Before Depreciation, Interest & Taxes (PBDIT) (5-6+7)												
10	Financial Cost												
	Interest on Long Term Loan												
	Interest on Working Capital												
	Other finance cost												
11	Depreciation												
	Existing assets												
	New Dairy Plant												
12	Net Profit before tax (8-9-10)												
13	Income Tax @ 34.9%												
14	Net Profit after Tax (11-12)												
	Accumulated Profit/loss (Op. balance)												
	Calculation of ROI												
	PAT +Interest												
	Net Block												
	New Assets Created												
	Cumulative Investment												
	ROI												

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Model Sub Project Plan for PI under DTC scheme

No.	Particulars	Unit Rate		Projected (Rs Lakh)									
		Unit	Rs.	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31
	Profit After Tax (PAT) + Interest + Deprn												
	Total Repayment												
	DSCR												

Figures are indicative.

OPERATIONAL GUIDELINES

for

NATIONAL LIVESTOCK MISSION



Government of India

Ministry of Fisheries, Animal Husbandry and Dairying

Department of Animal Husbandry and Dairying

July- 2021

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OPERATIONAL GUIDELINES

1. Introduction

1.1 The Department of Animal Husbandry & Dairying, Government of India is implementing the scheme of National Livestock Mission since the financial year 2014-15. In view of the present need of the sector the NLM scheme has been revised and realigned from F/Y 2021-22. The revised scheme of National Livestock Mission (NLM) aims towards employment generation, entrepreneurship development, increase in per animal productivity and thus targeting increased production of meat, goat milk, egg and wool under the umbrella scheme Development Programme. The excess production will help in the export earnings after meeting the domestic demands. The concept of NLM Scheme is to develop the entrepreneur in order to create the forward and backward linkage for the produce available at the unorganized sector and to link with the organized sector.

1.2 The NLM will be implemented throughout India in accordance with guidelines described hereunder.

2. Mission Objectives

2.1 The NLM intends to achieve the following objectives:

1. Employment generation through entrepreneurship development in small ruminant, poultry and piggery sector & Fodder sector
2. Increase of per animal productivity through breed improvement
3. Increase in production of meat, egg, goat milk, wool and fodder.
4. Increasing availability of fodder and feed to substantially reduce the demand – through strengthening the fodder seed supply chain and availability of certified fodder seeds
5. Encouraging establishment of fodder processing units to reduce the demand supply gap
6. Promoting risk management measures including livestock insurance for farmers
7. Promoting applied research in prioritized areas of poultry, sheep, goat, feed and fodder
8. Capacity building of state functionaries and livestock owners through strengthened extension machinery to provide quality extension service to farmers.
9. Promoting skill based training and dissemination of technologies for reducing cost of production, and improving production of livestock sector

3. Mission Design

3.2 . The realigned National Livestock Mission will have following three Sub-Missions:

- (a) Sub-mission on Breed Development of Livestock and Poultry
- (b) Sub-mission on Feed and Fodder Development
- (c) Sub Mission on Innovation and Extension

3.2.1.Sub-mission on Breed Development of Livestock and Poultry: proposes to bring sharp focus on entrepreneurship development and breed improvement in poultry, sheep, goat and piggery by providing the incentivization to the Individual, FPOs, FCOs JLGs, SHGs, Section 8 companies for entrepreneurship development and also to the State Government for breed improvement infrastructure.

3.2.2 Sub-mission on Feed and Fodder Development: This Sub-Mission aims towards strengthening of fodder seed chain to improve availability of certified fodder seed required for fodder production and encouraging entrepreneurs for establishment of fodder Block/Hay Bailing/Silage Making Units through incentivisation.

3.2.3 Sub-mission on Innovation and Extension: The sub-mission aims to incentivize the Institutes, Universities, Organizations carrying out research and development related to sheep, goat, pig and feed and fodder sector, extension activities, livestock insurance and innovation. Under this sub-mission, assistance will be provided to the central Agencies, ICAR Institutes and University farms for applied research required for development of the sector, extension services including promotional activities for animal husbandry and schemes, seminars, conferences, demonstration activities and other IEC activities for awareness generation. Assistance will also be provided for livestock insurance and innovations.

3.2.6. Jurisdiction of the scheme

The scheme will be implemented all over India from 2021-22.

4. Institutional Structure

4.1. Empowered Committee (EC)

4.1.1. Constitution of EC: Empowered Committee will be established under the Chairmanship of the Secretary, Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, Government of India. The other members of the committee will be Financial Advisor, DAHD, Animal Husbandry commissioner, Joint Secretaries of DAHD and Principal Secretaries of Selected States representing 5 regions on a rotational basis (North, East, West, South and North-eastern states) Representatives of the line Ministries. The Member Secretary of the empowered committee will be Joint Secretary, National Livestock Mission who will also be the Mission Director of NLM.

4.1.2. Function of EC: The Empowered Committee will be responsible for overall monitoring of the progress of the scheme, approval of the scheme guidelines, provide policy direction, and approve necessary changes if any (such as deletion, addition and modification of any component or activities) with regard to the scheme, without altering the total funding, allocation and funding pattern. The Committee will also have the power to update the cost norms of different activities as required from time to time due to variation of the price index of different commodities related to a particular activity. The EC may also delegate powers to other Committees as may be

required. The EC will also have power to delegate responsibilities to the Project Approval Committee for approval of projects.

4.2. Project Approval Committee (PAC):

4.2.1. Constitution of PAC: PAC will be established under the Chairmanship of Joint Secretary, National Livestock Mission to approve the projects including the project received from the State Level Executive Committee (SLEC). The committee will comprise of Director of the concerned State Government Department, Representative of the Financial Advisor, Officials of the Line Department, Joint Commissioner or Deputy Commissioner or Deputy Secretary of NLM Division. Joint Commissioner or Deputy Commissioner or Director will be the Member Secretary of the PAC. In a situation where a meeting of PAC is not possible, Chairman of PAC can sanction the project with the condition that the project will be approved in the next PAC.

4.2.2. Function of PAC: The **PAC** will examine, verify the feasibility, viability of the project received from the SLEC appraised by the Project Appraisal and Monitoring Unit and recommend for release of grants. The **PAC** will also monitor the implementation of project(s) at the ground level. The PAC will also be empowered to suggest changes in guidelines which will be approved by the Empowered Committee.

4.3 State Level Executive Committee (SLEC):

4.3.1. Constitution of SLEC: The State Level Executive Committee (SLEC) will be established under the Chairmanship of Additional Chief Secretary/Principal Secretary/ Secretary of State Animal Husbandry Department, of the respective State Governments. The convenor of the SLEC will be the Chief Executive Officer or Managing Director of the State Implementing Agency as the case may be. The other members of the Committee will be the Director or Commissioner of Animal Husbandry, Joint Secretary or Deputy Secretary of the Department, Additional Director, Deputy Director/District Animal Husbandry Officer of the concerned District whose proposals are to be considered and any technical officer in the relevant field.

4.3.2. Function of SLEC: The State Implementing Agency of the State Animal Husbandry Department will invite proposals through Expression of Interest (EOI) from eligible beneficiaries/agencies including the Entrepreneurship proposal. The SLEC will examine the project proposals submitted by beneficiaries and State agencies, for approval and will confirm the availability of State Share and beneficiary contribution if any as per the specific scheme guidelines and will forward the same to NLM division of Department of Animal Husbandry and Dairying Ministry of Fisheries, Animal Husbandry and Dairying, Government of India for consideration and approval.

4.3.3. Mentoring Group: A mentoring group will be established under the Chairmanship of Hon'ble Minister of Fisheries, Animal Husbandry and Dairying with the members from Government Sector, Retired Scientists/ professionals, experts from private sectors Livestock Farmers working in the field of Small Ruminants, Piggery and Feed and Fodder Sector. The mentor group will guide the Department for implementation of the scheme various innovations etc.

4.3.4. Expert Group: An expert Group will be set up under the Chairmanship of Animal Husbandry Commissioner (AHC) with the members from the Department, ICAR and the Relevant States to appraise the project under the Research and Innovation components of NLM Scheme. The Expert Group will examine the project submitted by the eligible institutes or organizations with regard to its feasibility, cost of the project, and technical aspect as proposed by the organization and economic benefit of the project. The Expert Group, after examination of the project, shall recommend the project for the Grants for the consideration of the Empowered Committee. The Expert Group shall also co-opt subject matter specialist in the group if need be.

5. Implementation Framework

5.1. Implementing Agency:

The National Livestock mission will be implemented through the State Implementing Agency established under the State Animal Husbandry Department. In this regard, the State Animal Husbandry Department will need to establish their State Implementing Agencies or identify the agency already established for implementation of the National Livestock Mission. The State Government shall notify the State Implementing Agency to the DAHD. The Central share wherever eligible will be channelized through the State Implementing Agency.

5.2 Function of the State Implementing Agency for implementation of NLM scheme.

- The State Implementing Agencies of the Animal Husbandry Department or the State Animal Husbandry Department of the concerned State Government shall invite the names of entrepreneurs/ eligible entities through expression of interest.
- The applications submitted by the entrepreneurs/ eligible entities shall be scrutinized and the State Implementing Agency will recommend the application of the entrepreneurs/ eligible entities to avail balance financing for the project through scheduled banks or financial institutions like National Cooperative Development Corporation (NCDC) etc.
- Once the project funding for entrepreneurship components through financing for loan portion is committed then the same should be placed before the State Level Executive Committee (SLEC) for approval. After the approval of the projects by the SLEC, the projects will be sent to the Central Government through online portal developed for uploading applications under NLM.
- The implementing agency shall also send the proposals under the NLM other than the entrepreneurship project for seeking Central Share through online portal.
- The State Implementing Agency shall be responsible for monitoring the projects of the entrepreneurs and intimate the Department on their progress on half yearly basis. Utilisation certificate, physical and financial progress, on the other projects in respect of projects other than entrepreneurs to be furnished to the Department on half yearly basis.

5.3. Eligibility Criteria for the Entrepreneurs/ Eligible Entities to avail benefit under NLM

The Entrepreneurs/ Eligible Entities shall be considered Eligible for availing benefit under the entrepreneurship programme if fulfils either of the following criteria:

- Entrepreneurs/ Eligible Entities either have obtained training or have trained experts or have sufficient experience in the relevant field in managing and running the project or have technical experts with sufficient experience in the relevant field of managing and running the project.
- The Entrepreneurs/ Eligible Entities have got the sanction loan for project by the bank or financial institutions furnished bank guarantee from scheduled bank along with appraisal of project for its validity by bank where it is holding the account.
- The Entrepreneurs/ Eligible Entities should have own land or lease land where the project will be established.
- The Entrepreneurs/ Eligible Entities have all the relevant documents for KYC

5.4. Monitoring of the Scheme:

The programme will be monitored through MIS system for maintaining data and online monitoring. The assets will be monitored through GI tagging.

Implementation of the scheme will be reviewed at National Review Meeting, Regional Review Meeting and State Review Meeting. Further, each State will need to submit the physical and financial progress of the schemes in every quarter as per the outcome-output framework enclosed at **Appendix I.**

The DAHD will set up Project Management Agency (PMA) for assisting implementation of the scheme. The PMA shall be responsible for the following work:

- to assist the State Implementing Agency to scout the beneficiary proposal.
- to handhold the beneficiary to facilitate them to submit the proposal
- to undertake outreach of the scheme
- to maintain liaison with the respective banks for monitoring the fund flow to the beneficiary
- to develop MIS system and
- Any other work assigned by the DAHD for implementation of the scheme.

5.4.1. Transparency in scheme monitoring: For better monitoring of the scheme at the grass root level, the State shall ensure implementation of monitoring system involving the Panchyati raj institutions like the members of Gram Panchyati at the village level and Panchayat Samiti at the Block level and the District Panchayat at the district level. Also the Pashu Sakhis under the National Rural Livelihood Hood Mission should be utilised for feedback of the projects under implementation and functions in the field. For breed improvement, identifying resources, the Pashu Sakhees may also be involved.

5.4.2. Physical Progress report: The State Implementing Agency will submit the Physical Progress Report for the projects for which the Central Share has been released on quarterly basis as per the Format prescribed at Appendix 1.

5.4.3. Financial Progress report: The Financial Progress report need to be submitted as per the prescribed format of GFR within the time limit specified by GFR.

5.5. Project Approval of entrepreneurship programmes:

- The Entrepreneurs/ Eligible Entities shall submit the application through the NLM Portal to the State Implementing agency in response to Expression of Interest issued by the State Implementing Agency.
- The applications submitted by the Entrepreneurs/ Eligible Entities will be scrutinised by the State Implementing Agency and will be recommended for sanction of loan by the scheduled Bank or financial institutions like NCDC etc..
- After the recommendation of the project, the same will be considered by the bank or financial institutions for financing.
- Once the Entrepreneurs/ Eligible Entities obtains the bank or financial institution sanction of the project, the State Implementing Agency shall place the same in the State Level Executive Committee (SLEC) for recommending the application to the Central Government. After approval of SLEC the SIA will mark the application to the Central Government through the Portal to DAHD along with uploading the sanction for the loan component.
- The DAHD shall approve the project through the Project Approval Committee and fund the subsidy amount for the approved projects through Small Industries Development Bank of India (SIDBI) to the lending Bank or financial institutions as the case may be to release the subsidy to Beneficiaries

5.6. Approval of the projects submitted by Central Agencies/ University farms etc:

- The concerned Central Agencies/ University farms will submit the proposal to the NLM division through their parent organization/ Department. The parent organization/ Department should approve and recommend the project before forwarding to the NLM Division seeking assistance.
- On receipt of such applications, Project Approval Committee (PAC) established under the Chairmanship of the Joint Secretary, NLM will approve the project depending on the feasibility and viability of the project.
- The concerned Central Agencies/ University farms need to inform the physical and financial progress of the schemes to NLM division in every quarter.

5.7. Appraisal of the projects under innovation and research & development: The projects under Innovation and Research and Development which shall be submitted by the concerned

Agency / Universities/ ICAR and other credible organization shall be evaluated and appraised by the Expert Group and recommend the same for consideration for funding by the Empowered Committee.

5.8. Funding and Fund flow of the scheme

The NLM scheme is consisting of both Centrally Sponsored components and Central sector components. Funding patterns has been explained against each component. However, apart from the funding under the specific components, the Department will also provide funding to the State Implementing Agency towards administrative cost for inviting proposals from the beneficiaries, awareness creation and handholding of beneficiaries to facilitate them to get bank loan etc.

5.8.1. Fund Flow for the Entrepreneurship programmes (Central sector Component):

5.8.1.1. Fund Channelizing Agency: All the subsidy amount will be channelized through the Small Industries Development Bank of India (SIDBI). The Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying shall sign a Memorandum of Understanding (MoU) with SIDBI regarding the managing of Subsidy, transfer of subsidy to the lending bank and financial institutions. The Department of Animal Husbandry and Dairying may provide administrative cost to SIDBI for working as fund channelizing agency for the entrepreneurship programme. The SIDBI shall also be liable for submitting all information and utilization of funds transferred to them. The Department will decide the modalities for fund channelizing work with SIDBI.

5.8.1.2. Fund flow mechanism for the entrepreneurship programme: In respect of the entrepreneurship programme, the subsidy will be provided by SIDBI to the lending scheduled bank or Financial Institutions like NCDC etc. to the subsidy account of beneficiaries. The SIDBI on receipt of the subsidy component, shall release the first instalment of subsidy to the appropriate account of Entrepreneurs/ Eligible Entities after the release of first instalment of loan. The SIDBI needs to open dedicated account for subsidy and shall intimate the DAHD for mapping in PFMS System. The manner of subsidy release has been mentioned against each entrepreneurship component.

In case of the self-financing project, the first instalment of back ended subsidy will be provided by SIDBI to the lending scheduled bank where the beneficiary has account. Such self-financed projects, prior to its sanction, would also be appraised by the Bank where the Entrepreneurs/ Eligible Entities has the account. The first instalment of subsidy will be released only when the beneficiary has made expenditure of 25% cost for the project towards infrastructure and has been verified by the State Implementing Agency. Remaining amount of subsidy will be provided after completion of the project and verified by State Implementing Agency.

The beneficiaries interested in taking benefit under the entrepreneurship project in self-financing mode need to provide Bank Guarantee from the scheduled bank for the remaining cost of the project beyond the capital subsidy sought for support. This Bank Guarantee shall be valid for three years and to be drawn in favour of Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. The original Bank Guarantee is to be kept in the safe custody of the State Implementing Agency. Also a copy of the Bank Guarantee and a declaration

form need to be uploaded in the online portal at the submission of the application or to be attached with the application. The Format of the Bank Guarantee and declaration has been annexed with the guidelines.

5.8.2. Fund Flow for the Centrally Sponsored Components:

The funds for Centrally Sponsored Components of the NLM Scheme under the submissions will be released to the State Government's RBI Account. Thereafter, the State Government need to transfer the fund to the Account of the State Nodal Agency / State Implementing Agency within 21 days and the State Share to be released within 40 days. Detailed procedure for handling of fund for CSS Scheme may be followed as per Department of Expenditure, Ministry of Finance Guidelines issued time to time in this regards. The State Nodal Agency / State Implementing Agency needs to open a dedicated bank account to receive funds under NLM Scheme and mapped with PFMS system.

5.8.3. Fund Flow for Other Central Sector Components for Central or State Government Agencies:

The fund flow for assistance under the NLM Scheme to be provided to the Central Government Agencies or State Government Agencies or Start Ups etc. shall follow the norms prescribed by the Department of Expenditure and General Financial Rules.

5.9. Mode of application for entrepreneurship project: The application for entrepreneurship project and also the Central Sector projects will be accepted through online portal to be developed by the DAHD through Small Industries Development Banks of India (SIDBI). However, till the online portal becomes fully functional the application for taking benefit under the scheme may also be submitted manually to the State Implementing Agency as per the format annexed at **Annexure V**.

5.10. Submission of projects under Central Sector fodder seed multiplication sub-components: The Central Government will incentivise for all categories of fodder seed production by ICAR, National Seed Corporation (NSC), Indian Farmers Fertilizer Cooperative Limited (IFFCO), Krishak Bharati Cooperative (KRIBHCO), National Agricultural Cooperative Marketing Federation of India (NAFED) and other Central Agencies as well as State Agriculture Universities (SAU), State Government seed production corporations, public and private organizations, dairy cooperatives and milk federations, National Dairy Development Board (NDDB) and other organizations with good credibility.

The applications in respect of the State Agencies/ State Governments/ Institutions in the States and other credible agencies other than the Central Agencies shall submit their application through State Implementing Agencies like State Livestock Development Board or agencies identified by the State Government for National Livestock Mission.

However, in respect of the applications for Dairy Cooperatives and Milk Federations, the applications shall be submitted through NDDB. The NDDB, after evaluating those applications shall submit the same to the Department of Animal Husbandry and Dairying for funding. The

assistance for fodder seed production by the Dairy Cooperatives and Milk Federation will be placed to the NDDDB for further release to the Dairy Cooperatives and Milk Federations.

5.11. Ranking of the States for performance: It has been decided to rank the States based on the performance in implementing the programmes under the National Livestock Mission. The parameters for the performance will be as under:

- a) Number of units established under entrepreneurship programme
- b) No. of jobs created through such entrepreneurship development
- c) Quantity of fodder seed produced and improvement of fodder production
- d) Number of farmers benefitted.
- e) Number of Livestock Insured under insurance programme.
- f) Number of innovative projects promoted and actually implemented.
- g) Creation of awareness amongst the farmers and youth for the scheme.
- h) Timely utilization of funds released by the Department as Central Share.
- i) Project implementation time
- j) Timely release of State share.
- k) Increase in production of egg, meat and wool in the state.
- l) Increase in availability of good germplasm through entrepreneurship programme

5.12. Force Majeure: Extraordinary events or circumstances beyond human control such as events described as an act of God (like a natural calamity) or events such as a war, strike, public health emergency, riots, crimes (but not including negligence or wrong-doing, predictable/ seasonal rain and any other events specifically excluded). In such case the Department will examine the fate of the subsidy or incentivized amount provided to the beneficiaries or institutions as per the provision of law.

5.13. Residual

5.13.1. In case of change in control of the selected Applicant due to change in equity ownership or change in promoter entities, DAHD should be informed immediately.

5.13.2. To obviate any malpractices in the financial matters where disbursements are made to beneficiaries by the Government, it has been decided to provide a deterrent against corrupt practices for promotion of transparency and equity. Therefore, keeping in view the sensitivities involved in the process and taking cue from the instructions of the Central Vigilance Commission regarding adoption of an Integrity Pact in the matter of procurement, it has been decided to obtain undertaking(s) from Applicants under the Scheme.

5.13.3. Two formats of undertakings are enclosed as **Annexure VIII and IX**. These undertakings are to be furnished by Applicants, duly signed by himself or Authorized Signatory of the FPOs/FCOs/JLGs/SHGs/ Section 8 companies depicting the designation along with authorization to do so.

5.13.4. The undertaking in **Annexure VIII** for confirming the compliance of integrity will be provided by Applicants after the submission of claims for disbursement of Incentive and in any case before release of funds. The release of Incentives shall be withheld until the above-mentioned undertaking is provided.

5.13.5. These guidelines shall be amended/ modified at any time during continuance of the Scheme and such amendment/ modifications shall be binding to all the Applicants, including the Selected Applicants, during the tenure of the Scheme.

5.13.6 All applicants need to sign the surety bond for operation of the project as per **Annexure X** attached to this Guidelines.

6. Sub-Mission and Detailed guidelines

6.1 Sub-mission on Breed Development of Livestock and Poultry: under this submission the following activities will be undertaken:

6.1.1. Activity I:- Establishment of Entrepreneurs for breed development of Rural Poultry.

Sl. No.	Name of the components	Establishment of Entrepreneurship for breed development of Rural Poultry.
01	Objective	<ul style="list-style-type: none"> i. Bringing unorganized rural poultry farming sector into organized sector ii. Promotion of entrepreneurship in the field of rural poultry in a sustainable manner iii. Establishment of forward and backward linkages iv. Popularizing the different alternative non-conventional low cost feeding
02	Salient features	<p>The Entrepreneurship will be developed by inviting the individual, Self Help Group (SHG)/Farmers Producer Organizations (FPO)/Farmers Cooperatives (FCOs)/Joint Liability Groups (JLGs) and Section 8 companies for establishment of Parent Farm, Rural Hatchery, brooder cum mother unit for Production of Hatching Eggs, and Chicks and rearing of the said chick upto four week in the mother unit. Emphasis will be given to those entrepreneurs who will be able to establish forward and backward linkage (Hub and Spoke).</p> <p>The Central Government will provide 50% capital subsidy for the cost of the project for establishment of Parent Farm, Rural hatchery and Mother Unit with minimum 1000 parent layers.</p> <p>The Entrepreneurs / Eligible Entities need to arrange the remaining amount through bank loan or from the financial institution or self-financing</p> <p>The bird maintained in the parent farm will be of Low Input Technology Birds or such kind of bird which will be sustained at the free range management system.</p> <p>Central Poultry Development Organizations, Central Avian Research Institutions, Directorate of Poultry Research and State Veterinary Universities and other private organizations with certificates of guaranteed production will be eligible to supply birds to the entrepreneurs. Necessary Technical specifications for birds will be issued separately. A list of Low input technology birds is at Annexure VI.</p>

		Indicative list of components eligible for funding is at Annexure I
03	Eligible Entities	Individual/ SHGs/FPOs/FCOs/JLGs and Section 8 companies.
04	Funding pattern	<p>One Time 50% capital subsidy of the total project cost will be provided with maximum subsidy up to Rs. 25 lakh for each unit.</p> <p>Subsidy will be the capital subsidy and provided in two equal instalments. First instalment will be released upfront to the scheduled bank or financial institutions like NCDC etc. by SIDBI to be credited to the Entrepreneur/ Eligible Entities' account after the bank or financial institution releases First Instalment of loan to the beneficiary and its confirmation by State Implementing Agency. Beneficiaries will be eligible for release of the second instalment by SIDBI after completion of the project and certified so by the State Implementing Agency.</p> <p>In case of the self-financing project, the project needs to be appraised by the bank where the Entrepreneurs/ Eligible Entity have account. The first instalment of 50% subsidy will be provided into the lending bank by SIDBI where the beneficiary has account. The subsidy will be released only when the beneficiary has made expenditure of 25% cost for the project towards infrastructure and has been verified by the State Implementing Agency. Remaining amount of 50% subsidy will be provided by SIDBI after completion of the project and verified by State Implementing Agency.</p> <p>The Entrepreneurs / Eligible Entities interested in taking benefit under the entrepreneurship project in self-financing mode, need to provide Bank Guarantee from the scheduled bank valid for three years for the remaining cost of the project beyond the cost of subsidy sought for support. This Bank Guarantee shall be provided in the name of the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. The original Bank Guarantee is to be kept in the safe custody of the State Implementing Agency. Also a copy of the Bank Guarantee and a declaration form need to be uploaded in the online portal at the submission of the application or to be attached with the application. The Format of the Bank Guarantee and declaration has been annexed with the guidelines.</p> <p>No subsidy will be provided for working capital,</p>

		personal vehicle, purchase of land, cost for rent and lease of land.
05	Implementing Authority	State Implementing Agency and DAHD of GOI
06	Essential requirements of beneficiaries to avail benefit under the submission.	Entrepreneurs / Eligible Entities shall also meet the criteria as specified at para 5.3 above.
07	Follow up of the project	State Implementing agency will follow up the project for the period of 2 years after completion with regards to its operation.

Activity II: Establishment of Entrepreneur for breed development in small ruminant sector (sheep and goat farming):

Sl. No.	Name of the components	Establishment of Entrepreneur for breed development in small ruminant sector (sheep and goat farming)
2.	Objectives	<ul style="list-style-type: none"> i. To develop entrepreneurs in small ruminant sector ii. To develop the sustainable business model on sheep-goat iii. To incentivize Individuals Entrepreneurs, FPOs, FCOs, SHGs, JLGs, and Section 8 companies for development of integrated rural sheep-goat production system. iv. Conversion of the small ruminant sector from unorganised sector to organised sector through promotion of entrepreneurship & investment and creation of forward & backward linkages v. Spreading awareness about scientific rearing practices, nutrition, disease prevention etc vi. Promotion of stall feeding model of sheep and goat rearing.
3.	Salient Feature	<p>1. Creation of entrepreneurs through one-time capital subsidy to Individuals/ Self Help Group (SHG)/ Farmers Producer organizations (FPO)/ Farmers Cooperatives (FCOs)/ Joint Liability Groups (JLGs) and Section 8 companies.</p> <p>3. The Entrepreneurs / Eligible Entities can establish sheep and goat breeding unit with minimum 500 females and 25 males. The sheep and goat unit to be established with the High Genetic Variety used for producing Goat milk, meat and fine wool quality. The breed of sheep and goat can be selected from the list provided with this guideline or in consultation with the State Government.</p> <p>4. The Central Government will provide up to 50% back ended subsidy for the capital cost of the project.</p> <p>5. The Entrepreneurs / Eligible Entities need to arrange the remaining amount through bank loan or from the financial institution or self-financing</p> <p>6. Indicative list of components for which the funding for subsidy can be availed is at Annexure II.</p>
4.	Pattern of Assistance	<p>50% capital subsidy up to Rs. 50 lakh in two instalments. Subsidy will be the capital subsidy and provided in two equal instalments.</p> <p>Subsidy will be the capital subsidy and provided in two equal instalments. First instalment will be released upfront to the scheduled bank or financial institutions like NCDC etc. by SIDBI to be credited to the Entrepreneur/ Eligible Entities' account after the bank or financial institution releases First</p>

		<p>Instalment of loan to the beneficiary and its confirmation by State Implementing Agency. Beneficiaries will be eligible for release of the second instalment by SIDBI after completion of the project and certified so by the State Implementing Agency.</p> <p>In case of the self-financing project, the project needs to be appraised by the bank where the Entrepreneurs/ Eligible Entity have account. The first instalment of 50% subsidy will be provided into the lending bank by SIDBI where the beneficiary has account. The subsidy will be released only when the beneficiary has made expenditure of 25% cost for the project towards infrastructure and has been verified by the State Implementing Agency. Remaining amount of 50% subsidy will be provided y SIDBI after completion of the project and verified by State Implementing Agency.</p> <p>The Entrepreneurs / Eligible Entities interested in taking benefit under the entrepreneurship project in self-financing mode, need to provide Bank Guarantee from the scheduled bank valid for three years for the remaining cost of the project beyond the cost of subsidy sought for support. This Bank Guarantee shall be provided in the name of the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. The original Bank Guarantee is to be kept in the safe custody of the State Implementing Agency. Also a copy of the Bank Guarantee and a declaration form need to be uploaded in the online portal at the submission of the application or to be attached with the application. The Format of the Bank Guarantee and declaration has been annexed with the guidelines.</p> <p>No subsidy will be provided for working capital, personal vehicle, purchase of land, cost for rent and lease of land</p>
5.	Eligible Entities	FPOs/FCOs/SHG/JLG/Individuals/ Section 8 companies
6.	Implementing Agencies	State Implementing Agency of State Animal Husbandry Department, DAHD, MoFAHD, GOI.
06	Essential requirements of beneficiaries to avail benefit under the submission.	Entrepreneurs/ Eligible Entities shall also meet the criteria as specified at para 5.3 above.
07	Follow up of the project	State Implementing agency will follow up the project for the period of 2 years after completion with regards to its operation.

Activity III. Genetic Improvement of Sheep and Goat breeds

Following will be the activities under the Genetic Improvement of Sheep and Goat breeds.

- (i) Establishment of Regional Semen Production Laboratory and Semen Bank for sheep and goat**
- (ii) Establishment of State Semen Bank**
- (iii) Propagation of Artificial Insemination through existing cattle and buffalo Artificial Insemination centres**
- (iv) Import of exotic sheep and goat germplasm**

(i) Establishment of Regional Semen Production Laboratory and Semen Bank for sheep and goat:

Sl. No	Name of the components	Establishment of Regional Semen Production Laboratory and Semen Bank for sheep and goat
2.	Objectives	<ul style="list-style-type: none">i. Genetic improvement of indigenous descript breeds of sheep/goat through selective breedingii. Genetic up gradation of non-descript sheep/goat breeds through cross breeding with high genetic rams or bucks to increase productivity.iii. Reducing negative selection and inbreeding among sheep & goat breeds by propagation of superior male germplasm through artificial insemination and other developed assisted reproductive technologies.
3.	Salient Feature	<p>Under this activity the Central Government will provide assistance for establishment of Frozen Semen production laboratory for goat and liquid semen production laboratory for sheep at regional level in a strategic location to cater the semen of elite animals to the nearby states in the said region.</p> <p>This Establishment of Regional Semen Station will be based on the Expression of Interest from the States in the said Region which can produce semen and supply semen for the states at the region. Also the regional semen station will work as regional semen bank for frozen semen for goat.</p> <p>The Department of Animal Husbandry and Dairying, Ministry of</p>

		Fisheries, Animal Husbandry and Dairying has developed Minimum Standards for Sheep and Goat Semen Processing (MSP). The semen labs will need to adhere to the guidelines of Minimum standard protocols for semen processing while preparing the project proposals. The structure, requirements of logistics, equipment etc has been elaborated in the MSP. The semen produced in this laboratory will be distributed to the neighbouring states.
4.	Pattern of Assistance	<p>The funding pattern will be 60:40 for all the states except NER & Himalayan States where it will be 90:10 and 100% to UTs.</p> <p>One time grants-in-aid up to Rs. 400.00 lakh as Central Share will be provided to the concerned state eligible for establishment of Regional Semen Station for construction of semen laboratory, maintaining of breeding bucks and rams, sourcing of locally available high genetic merit animals and processing of semen. Rs. 30 lakh will also be provided as one time expenditure towards procurement of consumables, medicines, chemicals etc. required for first time processing of semen.</p> <p>The regional semen bank shall have to generate its own resources for running of the semen station. No recurring expenditure will be provided for running expenses of the semen station.</p>
5.	Eligible Entities	State Livestock Agencies
6.	Implementing Agencies	State Implementing Agency of the State Animal Husbandry Department, MoFAHD, GoI and State Animal Husbandry

(i) Establishment of State Semen Bank:

Sl. No.	Name of the sub components	Establishment of State Semen Bank
2.	Objectives	Genetic improvement of sheep/goat breeds through selective breeding by propagation of superior male germplasm through artificial insemination
3.	Salient Feature	<p>For propagation of Artificial Insemination Technology for goats through frozen semen, there will be a requirement of storage depot at the state level for onward supply of goat frozen semen to the AI centres.</p> <p>The State Semen Bank working for storing cattle and buffalo frozen semen can work as the semen bank for goats also. Therefore, one time assistance will be provided for strengthening the existing state semen bank for goat frozen semen storing by providing equipment and storing containers.</p>
4.	Pattern of Assistance	One-time assistance up to Rs. 10.00 lakh will be provided to the state for strengthening of existing cattle and buffalo semen bank to store and distribute goat frozen semen. The assistance will be provided for procurement of equipment like cryo-container and

		other related equipment. This assistance would be through 100% Central assistance for all the States/UTs.
5.	Eligible Entities	State Livestock Agencies Animal Husbandry Department, State Government
6.	Implementing Agencies	State Implementing Agency of the State Animal Husbandry Department, MoFAHD, GoI and State Animal Husbandry Departments

(iii) Propagation of Artificial Insemination through existing cattle and buffalo Artificial Insemination centres:

Sl. No.	Name of the components	Propagation of Artificial Insemination through existing cattle and buffalo Artificial Insemination centers
2.	Objectives	Genetic improvement of sheep/goat breeds through selective breeding by propagation of superior male germplasm through artificial insemination
3.	Salient Feature	Cattle and buffalo AI centers will be strengthened to perform goat and sheep AI through supplying requisite equipment (Goat AI Travis, AI gun, vaginal speculum, head light) and providing necessary training to the cattle AI workers.
4.	Pattern of Assistance	One-time assistance upto Rs. 7000/-for each AI Centre will be provided for procurement of goat AI crate, AI gun, vaginal speculum, head light on the cost sharing basis @ 60:40 for all states except NER & Himalayan States where it will be 90:10.
5.	Eligible Entities	State Livestock Agencies Animal Husbandry Department, State Government
6.	Implementing Agencies	State Implementing Agency of the State Animal Husbandry Department, MoFAHD, GoI and State Animal Husbandry Departments

(iv) Import of exotic sheep and goat germplasm

Sl. No.	Name of the sub components	Import of exotic sheep and goat germplasm
2.	Objectives	Genetic improvement of sheep/goat breeds through selective breeding by propagation of superior male germplasm through artificial insemination
3.	Salient Feature	The Central Government will assist the States for need based import of sheep and goat germplasm to increase productivity of the non-descript animals and to produce good quality cross bred animals to increase wool, milk and meat production. The superior exotic breeds will be maintained as pure breeds in the nucleus farms at the state government.

		The State needs to notify their breeding policy before sending the proposal for import of germplasm.
4.	Pattern of Assistance	One-time assistance will be provided to the state for import of sheep and goat germplasm in the form of live animals on the cost sharing basis @ 60:40 for all the States except NER and Himalayan States which will be 90:10 and 100% for UTs.
5.	Eligible Entities	State Livestock Agencies State Livestock Boards Animal Husbandry Department, State Government
6.	Implementing Agencies	State Implementing Agencies of the State Animal Husbandry Department and State Animal Husbandry Departments

Activity IV: Promotion of Piggery Entrepreneur

Sl. No.	Name of the Activity	Promotion of Piggery Entrepreneur
1	Objectives	Promotion of entrepreneurship & investment and creation of forward & backward linkages in the sector improvement of per animal productivity of pig population of the country through genetic upgradation To substitute import dependency in pork and start export of pork and pork products Spreading awareness about scientific rearing practices, nutrition, disease prevention etc.
2	Salient Feature	<p>Creation of entrepreneurs through one-time capital subsidy to Individual/ Self Help Group (SHG)/Farmers Producer organizations (FPO)/Farmers Cooperatives (FCOs)/Joint Liability Groups (JLGs) and Section 8 companies.</p> <p>The entrepreneur will be provided assistance from the establishment of a breeder farm with minimum 100 sow and 25 boars breeding animals from the Central or State Government/ university farms or local farmers with high genetic merit.</p> <p>The Central Government will provide 50% up to Rs. 30 lakh capital subsidy towards the capital cost of the project. The funding will be provided for the cost of housing, breeding animals along with transportation & insurance cost, equipment /machines.</p> <p>The Entrepreneurs / Eligible Entities need to arrange the remaining amount through bank loan or loan from the financial institution or self-financing</p> <p>No subsidy will be provided for purchase of land, rent and lease cost for land, working capital, personal vehicle.</p>

3	Pattern of Assistance	<p>One time 50% capital subsidy of the total project cost will be provided with a maximum subsidy up to Rs. 30 lakh for each unit subject to the scheme guidelines.</p> <p>Subsidy will be the capital subsidy and provided in two equal instalments. First instalment will be released upfront to the scheduled bank or financial institutions like NCDC etc. by SIDBI to be credited to the Entrepreneur/ Eligible Entities' account after the bank or financial institution releases First Instalment of loan to the beneficiary and its confirmation by State Implementing Agency. Beneficiaries will be eligible for release of the second instalment by SIDBI after completion of the project and certified so by the State Implementing Agency.</p> <p>In case of the self-financing project, the project needs to be appraised by the bank where the Entrepreneurs/ Eligible Entity have account. The first instalment of 50% subsidy will be provided into the lending bank by SIDBI where the beneficiary has account. The subsidy will be released only when the beneficiary has made expenditure of 25% cost for the project towards infrastructure and has been verified by the State Implementing Agency. Remaining amount of 50% subsidy will be provided y SIDBI after completion of the project and verified by State Implementing Agency.</p> <p>The Entrepreneurs / Eligible Entities interested in taking benefit under the entrepreneurship project in self-financing mode, need to provide Bank Guarantee from the scheduled bank valid for three years for the remaining cost of the project beyond the cost of subsidy sought for support. This Bank Guarantee shall be provided in the name of the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. The original Bank Guarantee is to be kept in the safe custody of the State Implementing Agency. Also a copy of the Bank Guarantee and a declaration form need to be uploaded in the online portal at the submission of the application or to be attached with the application. The Format of the Bank Guarantee and declaration has been annexed with the guidelines.</p> <p>No subsidy will be provided for working capital, personal vehicle, purchase of land, cost for rent and lease of land</p> <p>Indicative list of equipment eligible for funding is at Annexure III.</p>
4	Eligible Entities	FPOs/SHG/ FCOs/JLG/section 8 companies/ Individual
5	Implementing Agencies	State Implementing Agency of the State Animal Husbandry Department, MoFAHD, GOI.
6	Essential	Entrepreneurs shall also meet the criteria as specified at para 5.3

	requirements of beneficiaries to avail benefit under the submission.	above.
7	Follow up of the activity	The State Implementing Agency shall follow up the progress of the project for two years.

ActivityV: Genetic Improvement of Pig breeds

Under this activity following activities will be implemented:

- (i) Establishment of pig semen collection and processing lab
- (ii) Import of exotic pig germplasm

(i) Establishment of pig semen collection and processing lab

	Name of the Sub components	Establishment of pig semen collection and processing lab
1	Objectives	<ul style="list-style-type: none"> i. Increase of per animal productivity through propagation of high genetic merit male germplasm (boar semen) through artificial insemination technique ii. Reduce inbreeding iii. Reduce ingress of sexually transmitted diseases
2	Salient Feature	<p>Unlike large ruminants, frozen semen technology is not successful for pig. Hence artificial insemination in pig is mostly done with liquid boar semen with a success rate of 60% when the semen is processed scientifically and hygienically. Presently, technologies are available to prolong the life of liquid semen.</p> <p>To propagate the high genetic merit boar semen covering large numbers of sow, the semen needs to be processed to develop large numbers of doses which will remain active for longer duration. Therefore, assistance will be provided to establish semen processing lab at the government pig farm to produce high quality liquid boar semen for artificial insemination.</p>
3	Pattern of Assistance	<p>The funding pattern will be 60: 40 for all States except NER & Himalayan States where it will be 90:10.</p> <p>One time grants-in-aid up to Rs. 150.00 lakh will be provided as Central share to the concerned state for construction of semen laboratory, maintaining breeding boar unit. Rs. 30 lakh will also be provided as onetime recurring expenditure for procurement of consumables, medicines, chemicals etc. for first time processing of semen.</p>
4	Eligible Entity	<p>State Livestock Agencies</p> <p>Animal Husbandry Department, State Government</p>
5	Implementing	State Implementing Agencies of the State Animal Husbandry

	Agencies	Department and State Animal Husbandry Departments
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(ii) Import of Pig Germplasm

Sl. No.	Name of the components	Import of exotic pig germplasm
1.	Objectives	Inclusion of superior male germplasm in existing native genepool for genetic upgradation of indigenous pigs for production of crossbred animals with higher per animal productivity
2.	Salient Feature	The Central Government will assist the States for need based import of pig germplasm to increase productivity of the non-descript animals and to produce good quality cross bred animals to increase per animal meat production. The superior exotic breeds will be maintained as pure breeds in the nucleus farms at the state government. However, the State needs to formulate and notify their breeding policy for pigs before sending the proposal for import of germplasm.
3.	Pattern of Assistance	One time assistance will be provided to the state for import of pig exotic germplasm in the form of live animals on cost sharing basis 60:40 for all States except NER & Himalayan States where it will be 90:10.
4.	Beneficiaries	State Livestock Agencies State Livestock Boards Animal Husbandry Department, State Government
5.	Implementing Agencies	State Implementing Agencies of the State Animal Husbandry Department.

Sub-Mission on feed and fodder development

The sub-mission of the feed and fodder will have the following activities:

Activity (i): Assistance for quality Fodder seed production

Activity (ii): Entrepreneurial activities in feed and fodder

Activity I: Assistance for quality Fodder seed production

Sl. No.	Name of the activity	Assistance for quality Fodder seed production
1.	Objectives	<ul style="list-style-type: none"> i. Establishing effective seed production chain ii. Capacity building of state functionaries and livestock owners in forage production, conservation and utilization iii. Establishing convergence and synergy among ongoing Plan programmes and stakeholders for fodder resource development.
2.	Salient Feature	<ul style="list-style-type: none"> ● Under this activity, fodder seed chain i.e. breeder, foundation and certified quality fodder seed production will be incentivized. ● This component targeted towards multiplication of seeds of high yielding fodder varieties which has been developed through research and innovations, significantly showing better performance, for which incentives will be provided.
3.	Pattern of Assistance	<ul style="list-style-type: none"> ● 100% incentivization for production of all categories of fodder seed production by ICAR, National Seed Corporation (NSC), Indian Farmers Fertilizer Cooperative (IFFCO), Krshak Bharati Cooperative Limited (KRIBHCO), National Agricultural Cooperative Marketing Federation (NAFED) and Central Agencies as well as State Agriculture Universities (SAU), Hindustan Insecticides Limited (HIL), State Government seed production corporations, public and private organizations, dairy cooperatives and milk federations and other organizations with good credibility. ● The seed production incentives will be given to central seed agencies like National Seed Corporation (NSC), ICAR, IFFCO, KRIBHCO, NAFED, HIL, NDDB etc directly and to the State Implementing Agency for the applications received from the State seed producing agencies. However, the assistance for Dairy Cooperatives and Milk Federations will be routed through NDDB. ● The assistance will be provided in two instalments on the basis of per kg cost of seed. The first instalment will be provided after approval of viable proposal. The second instalment will be provided after production of seed and its self-certification by concerned beneficiary agency.

		<ul style="list-style-type: none"> ● Cost which will be assisted for productions of various category of seeds are as under: <ul style="list-style-type: none"> ● Breeder Seed up to Rs.250/kg ● Foundation Seed up to Rs.150 /Kg ● Certified Seed up to Rs. 100/Kg ● When farmers are engaged by the seed producing agencies in the Fodder seed production activity, 75% of the subsidy to be passed on to the farmers and 25% should be kept by the seed producing agency to meet expenditure including certification cost.
4.	Eligible Entity	<ul style="list-style-type: none"> ● ICAR institutions/ NSC/NAFED/KRIBHCO/IFFCO/Central Multi-State Cooperatives such as NCCF/ Hindustan Insecticides Limited (HIL), NDDB, Dairy Cooperatives, Milk Federations or other agency approved by the National Livestock Mission as central nodal agency at national level, based on the approved Plan for these agencies at Central level. ● State Government seed production corporations, public and private organizations and other organizations with good credibility.
5.	Application form	<ul style="list-style-type: none"> ● The agency will apply filling the details in the application at Appendix II for seeking assistance. The Eligible Entity shall also submit the final production of seed when seeking the second assistance.
6.	Follow-ups of the activity	<ul style="list-style-type: none"> ● The agency will send the report as per format prescribed in Appendix- III

Activity II: Entrepreneurship activities in feed and fodder

Objective of the Mission:

- i. Development of Entrepreneurship in the field of Feed and fodder.
- ii. Promoting, developing and disseminating forage technologies through frontline technology demonstrations.
- iii. To make available quality fodder with affordable price at the local level.
- iv. To encourage the fodder production by the local farmers for supplying to these entrepreneurs. Thus use the fodder as a cash crop.

Details of the Activity are as under:

Entrepreneurial activities in feed and fodder

Sl. No.	Name of the activity	Entrepreneurial activities in feed and fodder
1.	Salient Feature	<p>The private entrepreneurs, SHG, FCOs JLG, FPOs, Dairy Cooperative societies, section 8 companies will be incentivized for the value addition such as Hay/Silage/Total Mixed Ration(TMR)/ Fodder Block and storage of fodder by providing 50% percent capital subsidy towards project cost to the beneficiary for Infrastructure development related to hay/silage at village level/ Fodder blocks making units for procuring machinery like bailer, block making machines, TMR machines/equipment, Forage harvester /reaper, Heavy duty Power operated Chaff cutters and any other PHT equipment as per the requirement/need.</p> <p>The Entrepreneurs / Eligible Entities need to arrange the remaining amount through bank loan or from the financial institution like NCDC or self-finance. The Eligible Entities may also avail benefit under Animal Husbandry Infrastructure Development Fund (AHIDF) for funding of the remaining amount of the project as per the scheme guidelines.</p> <p>Indicative list of eligible equipment for funding is at Annexure IV</p>
2.	Pattern of Assistance	<p>50% of the total project cost with subsidy up to Rs. 50 lakh will be provided to the beneficiaries through State Implementing Agencies in two equal instalments as per scheme guidelines.</p> <p>Subsidy will be the capital subsidy and provided in two equal instalments. First instalment will be released upfront to the scheduled bank or financial institutions like NCDC etc. by SIDBI to be credited to the Entrepreneur/ Eligible Entities' account after the bank or financial institution releases First Instalment of loan to the beneficiary and its confirmation by State Implementing Agency. Beneficiaries will be eligible for release of the second instalment by SIDBI after completion of the project and certified so by the State Implementing Agency.</p> <p>In case of the self-financing project, the project needs to be appraised by the bank where the Entrepreneurs/ Eligible Entity</p>

		<p>have account. The first instalment of 50% subsidy will be provided into the lending bank by SIDBI where the beneficiary has account. The subsidy will be released only when the beneficiary has made expenditure of 25% cost for the project towards infrastructure and has been verified by the State Implementing Agency. Remaining amount of 50% subsidy will be provided y SIDBI after completion of the project and verified by State Implementing Agency.</p> <p>The Entrepreneurs / Eligible Entities interested in taking benefit under the entrepreneurship project in self-financing mode, need to provide Bank Guarantee from the scheduled bank valid for three years for the remaining cost of the project beyond the cost of subsidy sought for support. This Bank Guarantee shall be provided in the name of the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. The original Bank Guarantee is to be kept in the safe custody of the State Implementing Agency. Also a copy of the Bank Guarantee and a declaration form need to be uploaded in the online portal at the submission of the application or to be attached with the application. The Format of the Bank Guarantee and declaration has been annexed with the guidelines</p> <p>No subsidy will be provided for working capital, purchase of personal car, land, leasing and hire of land and office accommodation.</p>
3.	Eligible Entity	Private entrepreneurs, SHG, FCOs, JLG, FPOs, Dairy Cooperative societies, section 8 companies
4.	Implementing Agencies	i) DAHD, GoI ii) State Animal Husbandry Department iii) State Livestock Agencies/ State Livestock Boards
5.	Eligibility criteria	Entrepreneurs shall also meet the criteria as specified at para 5.3 above
6.	Follow up of the project	The State Implementing Agency will follow up the project up to 2 years after its implementation with regard to its operation.

Sub Mission on Innovation and Extension

Objective of the Mission:

- a) To incentivize the Institutes, Universities, Organizations carrying out research and development related to sheep, goat, pig, poultry, other livestock, fodder sector, meat and other livestock products.
- b) To carry out extension activities for propagating the various activities taking place in the livestock sector.
- c) To carry out the work of livestock insurance
- d) Encourage persons, institutions, state governments to bring innovations for the sector.

This sub-mission has the following activities:

- (i) Activity I: Research and Development and innovations
- (ii) Activity II: Extension activities
- (iii) Activity III: Livestock Insurance

Activity I: Research and Development and innovations

Sl. No.	Components	Research and Development and innovations
1	Objective	<ul style="list-style-type: none">(i) To incentivize research activities and innovations for the advancement of sheep, goat, pig, poultry, other livestock, fodder sector, meat and other livestock products.(ii) To address the underlying issues faced by the livestock farmers(iii) To contribute to sustainable livestock farming(iv) To incentivize Innovative projects and activities
2	Salient Features	<p>Assistance will be provided to the ICAR, Central Institutes, State Government University farms and other credible institutions involved in research in the sheep, goat, poultry, pig and feed and fodder sector for research and development. Assistance will also be provided for innovative activities for development of the sector and also technology transfer.</p> <p>The Start-ups will also be incentivized for problem solving in the sheep, goat, poultry, pig, feed and fodder. The Department will conduct a Startup Grand Challenge Programme.</p> <p>The concerned Central Agencies/ University farms will submit the proposal to the NLM division of the Department through their parent organization/ State Animal Husbandry Department. The parent organization/ Department is to approve and recommend the project before forwarding.</p> <p>The individual and other organizations intended for seeking assistance</p>

		<p>for innovative projects need to get the project approved from the concerned State Animal Husbandry and forwarded through the SLEC.</p> <p>The projects under Innovation and Research and Development submitted by the concerned Agency / Universities/ ICAR and other credible organization shall be evaluated and appraised by the Expert Group and recommend the same for consideration for funding by the Empowered Committee.</p> <p>The Institutes intended for taking assistance shall submit applications as per Appendix IV</p>
3.	Funding Pattern	The Central Government will provide 100% assistance for conducting Extension, R&D and Innovation activities.
4	Eligible Entity	ICAR, Central Institutes, State Government University farms and other credible institutions and Start Ups.
5	Implementing Agency	Department of Animal Husbandry and Dairying, Ministry of Animal Husbandry and Dairying, Government of India
6.	Follow up	The agency will submit progress report at least on each quarter depending on the project.

Activity II: Extension activities

Sl. No.	Components	Extension Activities
01	Objectives	To increase awareness among all stakeholders involved in animal husbandry sector regarding scientific livestock rearing through available extension platforms
02	Salient Features	<p>Under this activity assistance will be provided for IEC activities like seminar, training and capacity Building, Livestock Farmers Groups/Breeder's Association, Organization of various promotional activities related to Animal Husbandry, scheme promotion etc. at State, Central and Regional Level, Operationalization of Farmers Field Schools, Exposure Visit for Livestock Extension Facilitators (LEF), Exposure Visit of farmer, Staff component of livestock Extension, Demonstration Activities, Creating awareness through social media and audio visual support, extension education and creation of literature on livestock extension etc. The information can be disseminated through various platforms such as audio-visual aids (TV and radio shows and talks), social media, hoardings, panels, Kiosks, printed materials etc.</p> <p>Various extension agencies would be assisted in preparation and development of video and multimedia packages on livestock extension. In addition, support should be provided to development and documentation of success stories and best practices on livestock sector. Materials thus produced would be widely distributed through all the agencies involved in the animal husbandry sector.</p> <p>The existing human resources employed at the field level in agriculture and allied departments including Gopal Mitras, Prani Bandhus, Village extension workers, NGOs, progressive farmers, etc., would also be included for capacity building.</p> <p>The Agencies intended for taking assistance under this activity shall submit application in the format at Appendix V.</p>
03	Funding pattern	<ul style="list-style-type: none"> For conducting events of scheme promotion, dissemination of knowledge and related activities for promoting animal husbandry at Block, District and State Level, the assistance will be provided up to Rupees one lakh, two lakh and three lakh for each Block, District and State for conducting of each event depending on the availability of fund. The funding pattern will be 60: 40 for all States except NER & Himalayan States, where it will be 90:10 For conducting events of scheme promotion, dissemination of knowledge and related activities for promoting animal

		<p>husbandry in the Regional and Central Level, 100% assistance will be provided.</p> <ul style="list-style-type: none"> ● For training and capacity buildings 100% funding will be provided for carrying out training for entrepreneurship, Poultry Management, Scientific Poultry Production, scientific rearing of sheep goat and pig, Artificial Insemination technology for sheep & goat and pig, feed and fodder development ● For IEC activities funding will be provided to the State Animal Husbandry Department for publication of posters, pamphlets, publications and audio-visual media. ● 100% Funding will be provided to the Central Government Agencies and Department of Animal Husbandry and Dairying for creating awareness on the Schemes implemented by the Central Government and matters related to creating awareness on Animal Husbandry Development.
04	Beneficiaries	State Animal Husbandry Department and DAHD, GOI.
05	Implementing Agencies	State Animal Husbandry Department, DAHD, GOI.

Activity III: Livestock Insurance

Sl. No.	Components	Livestock Insurance																																				
01	Objectives	To manage the life risk and uncertainties by providing protection mechanisms to the farmers against any eventual loss of their animals due to death and to demonstrate the benefit of the insurance of livestock to the people.																																				
02	Salient Features	<p>The Risk Management & Insurance is to be implemented in all the Districts of the Country including those carved out in future, if any.</p> <p>The indigenous / crossbred milch animals, pack animals (Horses, Donkey, Mules, Camels, Ponies and Cattle/Buffalo Male), and other Livestock (Goat, Sheep, Pigs, Rabbit, Yak and Mithun etc.) will be under the purview of this component.</p> <p>Benefit of subsidy is restricted to 5 animals per beneficiary per household for all animals except for sheep, goat, pig and rabbit, where the benefit will be restricted to 5 cattle units (1 cattle unit = 10 sheep/goat/pig/rabbit). Therefore, the benefit of subsidy to sheep, goat, pig and rabbit is to be restricted to 5 Cattle Unit per beneficiary per household. However, a beneficiary having less than 5 animals / 1 Cattle Unit can also avail the benefit of subsidy. Efforts will be made to bring all large and small animals under insurance coverage.</p> <p>The Risk management and Insurance component envisages the following payments from central funds as Grant's - in -Aid:</p>																																				
03	Funding Pattern	<p>(a) Subsidy for insurance premium will be paid as per following:</p> <p>NORMAL AREAS</p> <table><tr><th>Category</th><th>Central Share</th><th>State Share</th><th>Beneficiary Share</th></tr><tr><td>BPL / SC / ST</td><td>40%</td><td>30%</td><td>30%</td></tr><tr><td>APL</td><td>25%</td><td>25%</td><td>50%</td></tr></table> <p>NORTH EAST REGION /HIMALAYAN STATES</p> <table><tr><th>Category</th><th>Central Share</th><th>State Share</th><th>Beneficiary Share</th></tr><tr><td>BPL / SC / ST</td><td>50%</td><td>30%</td><td>20%</td></tr><tr><td>APL</td><td>35%</td><td>25%</td><td>40%</td></tr></table> <p>UNION TERRITORIES</p> <table><tr><th>Category</th><th>Central Share</th><th>State Share</th><th>Beneficiary Share</th></tr><tr><td>BPL / SC / ST</td><td>80%</td><td>NIL</td><td>20%</td></tr><tr><td>APL</td><td>60%</td><td>NIL</td><td>40%</td></tr></table> <p>(b) 100% Payments of Honorarium to the Veterinary Practitioners and</p>	Category	Central Share	State Share	Beneficiary Share	BPL / SC / ST	40%	30%	30%	APL	25%	25%	50%	Category	Central Share	State Share	Beneficiary Share	BPL / SC / ST	50%	30%	20%	APL	35%	25%	40%	Category	Central Share	State Share	Beneficiary Share	BPL / SC / ST	80%	NIL	20%	APL	60%	NIL	40%
Category	Central Share	State Share	Beneficiary Share																																			
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APL	25%	25%	50%																																			
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BPL / SC / ST	80%	NIL	20%																																			
APL	60%	NIL	40%																																			

		<p>(c) 100% Publicity</p> <p>However, a beneficiary may insure more than 5 animals by paying the full premium without availing the benefit of subsidy for all animals except sheep, goat, pig and rabbit. Similarly, a beneficiary may insure more than 5 'Cattle Unit' by paying the full premium without availing the benefit of subsidy for sheep, goat, pig and rabbit.</p> <p>For this purpose, 'household' will be defined on the same lines as adopted under Mahatma Gandhi National Rural Employment Guarantee Act, 2005, here-in-after referred to as MNREGA for brevity. Efforts should be made to insure the animals for at least three years rather than one year.</p>															
04	Beneficiaries	<p>State Animal Husbandry Department. However, special efforts will be made to associate and involve the registered milk societies / unions for ensuring the animals belonging to the members of these societies / unions as a group.</p> <p>The insurance companies will also be persuaded to give some further concessions to these societies / unions with respect to the rate of premium as the work of their agents will be reduced otherwise.</p>															
05	Rate of Premium	<table border="1"> <tr> <td rowspan="2">One year</td><td>(Normal area)</td><td>4.5%</td></tr> <tr> <td>NER/Himalayan States</td><td>5.5%</td></tr> <tr> <td rowspan="2">Two year</td><td>(Normal area)</td><td>8 %</td></tr> <tr> <td>NER/Himalayan States</td><td>9 %</td></tr> <tr> <td rowspan="2">Three year</td><td>(Normal area)</td><td>11%</td></tr> <tr> <td>NER/Himalayan States</td><td>11.5%</td></tr> </table>	One year	(Normal area)	4.5%	NER/Himalayan States	5.5%	Two year	(Normal area)	8 %	NER/Himalayan States	9 %	Three year	(Normal area)	11%	NER/Himalayan States	11.5%
One year	(Normal area)	4.5%															
	NER/Himalayan States	5.5%															
Two year	(Normal area)	8 %															
	NER/Himalayan States	9 %															
Three year	(Normal area)	11%															
	NER/Himalayan States	11.5%															
06	Implementing agencies	State Animal Husbandry Department and State Implementation Agencies															
07	Selection of Insurance companies	For Selection of Insurance companies, insurance, settlement of claim, the implementing agency may follow the guidelines as per Appendix VI															

APPENDICES AND ANNEXURES

REPORTING OF OUT PUT AND OUT COME FOR NATIONAL LIVESTOCK MISSION (SEE PARA 5.4)					
OUTPUTS (Year)			OUTCOME (Year)		
Output	Indicators	Targets	Outcome	Indicators	Targets
1. Poultry entrepreneurship development	1.1 Number of units established		1. Improved employment opportunities in livestock	1.1 No. of jobs created	
	1.2 Total Number of beneficiaries supported		2. Creation of backward and forward linkages	2.1 Number of farmers linked	
2. Sheep and goat entrepreneurship development	2.1. Number of units established		3. Increased employment opportunities	3.1 Number of farmers linked	
	2.2. Total Number of beneficiaries supported		4. Creation of backward and forward linkages	4.1 No. of jobs created	
3. Piggery entrepreneurship development	3.1 Number of units established		5. Improved employment opportunities in livestock	5.1. Number of farmers linked	
	3.2 Total Number of beneficiaries supported		6. Creation of backward and forward linkages	6.1 No. of jobs created	
4. Genetic Up-gradation of Sheep and Goat	4.1 Total No of regional semen stations established		7. Breed Improvement in Sheep and Goat	7.1 No of Semen doses produced(I	

				n Lakh)	
	4.2 Total number of semen banks established			7.2 No. of Artificial Insemination performed.	
	4.3 Total number of existing Artificial Insemination Centres equipped with goat AI.			8.1 No of cross bred animals produced.	
	4.4 Total number of animals imported				
5. Genetic Up-gradation of Pig breeds	5.1 Total number of Pig semen stations established		9. Breed Improvement in pig	9.1 No of Pig Artificial Insemination done.	
				9.2 No. of piglets produced through AI.	
6. Assistance for production of fodder seed	6.1 Quantity of fodder seed produced		10. Greater fodder Production	Quantity of fodder produced	
7. Assistance for establishing fodder entrepreneurs	Total number of Fodder Entrepreneurs supported (in numbers)		11.Enrich fodder production by the entrepreneurs	11.1 Quantity of Silage (in Ton)	
	7.1. Total number of Silage plants established			11.2 Quantity of Fodder Block (in	

	7.2 Total number of Fodder Block units established/ TMR			Ton) / TMR	
8. Skill development, technology transfer and extension	8.1 Number of IEC Campaign		12. Enhanced skill pool of farmers vets / para vet	12.1 Number of farmers/ vets/ paravets skilled	
	8.2 Number of capacity building workshops/ training conducted				

Note: The target to be indicated for each quarter against both the outcome and output as well as for entire financial year

The reporting of Outcome and Output frame work to be done on quarterly basis

Appendix II

Application format for component Assistance for Fodder seed Production

Sl. No	Components	Detailed
1.	Name of the State	
2.	Name of the Agency	
3.	Status of the agency.(Central/State/Public/Private/Autonomous/Others/)	
4.	Season proposed for fodder seed production	
5.	Name of the fodder seed and Class of fodder seeds proposed for fodder seed production (Breeder/ Foundation / Certified)	
6.	Locations of seed production programme to be undertaken (Area and crop wise)	
7.	Indicate the region proposed is being identified for the fodder seed production. Please furnish details of fodder seed production undertaken in the region during the last three year Availability of irrigation /source of irrigation.	
8.	Source of procurement of parent seeds proposed for fodder seed production	
9.	Please indicate details of assistance undertaken from Central/State Govt. scheme during the last three financial year including the current year	
10.	Five-year action Plan prepared for fodder seed production	
11.	This is to certify that the agency will follow the Government of India financial rules and regulations and also any agreement entered with the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, Government of India.	

Signature of Competent Authority of the Agency

Recommending Authority.

**Indicative target plan for Assistance for Fodder seed production to be appended with
Appendix II**

Name of the State/Implementing Agency(IA):
Year:

Season:

Sl. No.	Fodder seed production	Class of Seeds Breeder/Foundation/Certified	Target quantity (quintal)	Target proposed By State/IA		Target approved By GOI	
				Physical	Financial	Physical	Financial
		Breeder					
	i) Maize						
	ii) Sorghum						
		Foundation					
	i) Maize						
	ii) Sorghum						
		Certified					
	i) Maize						
	ii) Sorghum						

Note: The names of fodder seeds are indicative only not exhaustive. The DAHD will issue the exhaustive list of fodder seed as per need.

Format for Quarterly/Annual Progress Report for Assistance for Fodder seed production

Name of the State/Implementing Agency (IA):

Season: Year:

S.N	Interventions	Class of Seeds Breeder/Foundation/Certified	Target of seed production approved by GOI (Quintal)	Achievements for QI/II/III		Achievement till 31 st March	
				Physical	Financial	Physical	Financial
	Fodder seed production						
		Breeder					
	i. Maize						
	ii. Sorghum						
		Foundation					
	i. Maize						
	ii. Sorghum						
		Certified					
	i. Maize						
	ii. Sorghum						

Sub-mission: Research and Development, Extension and Innovation**Format for submitting proposal under the component Research and Development and Innovations**

1.	Name of the institute / Organization:
2.	Name of the Department
3.	Title of the Research problem/project
4.	Rationale of the project
5.	Present status of the proposed project (with references)
6.	Brief Methodology of the project
7.	Duration of the project (months)
8.	Expected outcome (Contributions to livestock sector)
9.	Financial implications: (Detailed break up of recurring and nonrecurring expenditure)
10.	A concrete plan for propagating the outcome of the project to the farmers:
11.	Any other relevant information related to the proposal:
12.	Name and signature of the Supervisors and Co supervisors:
13.	Name and signature of the Head of the Institute

Certified that the Organization shall submit utilization certificate and progress report of the project to the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, Government of India.

Signature of the Project Instructor / coordinator

Recommending Authority

Form for submitting proposal under the component of IEC support for extension activities

1.	Name of the agency / Organization / Department:
	a) Address:
	b) Telephone No. and Fax No.:
	c) Email ID of the HOD:
2.	Present status of requirement and availability of Information support,
3.	Present statistics of Information support:
	i) State :
	ii) With the implementing agency:
4.	Location and addresses of Extension Centres already developed, if any under the scheme and, proposed to be developed (Full details must be provided).
5.	Nature of IEC Campaign/ Extension activities along with the extension plan
6.	Name and signature of the Head of the Animal Husbandry Department:

GUIDELINES FOR SELECTION OF INSURANCE COMPANY, INSURING THE ANIMALS AND CLAIM SETTLEMENT

1. Engagement of Insurance Company:

In order to get the maximum benefit in terms of competitive premium rates, easier procedures of issue of policy and settlement of claims, Chief Executive Officer (CEO) of the State Implementation Agency will be empowered to decide upon the Insurance company(s) and the terms and conditions. While selecting Insurance Company, besides premium rates offered, their capacity to provide services, terms and conditions and service efficiency on objective criteria should also be taken into account. The CEO will invite quotations in writing from those public and private general insurance companies having a network in the State/UTs or a considerable part of the State/UTs. Only one tender should be floated for the whole State/UTs considering state as a unit. The tender may comprise of 3 or more items defining the type of geographical area for which separate premium rates may be quoted by the insurance company/agencies. A tender committee would be constituted by the State/UTs Government in which one representative to be nominated by the Joint Secretary, DADF; GoI would be there who is responsible for implementing the 'Risk Management & Insurance' as a component of sub-mission on livestock development of NLM in GoI.

Under no circumstances, the rate of premium should exceed 4.5% in Normal Area, 5.5% in NER/ Himalayan States for annual policies, 8% in Normal Area, 9% in NER/NER/ Himalayan States for two-year policies and 11% in Normal Area, 11.5% in NER/NER/ Himalayan States for three year policies.

Normally, a single insurance company should be entrusted for insurance work in States/UTs for a particular type of area and if more than one company bids are the same premium rate then the area should be divided equally as far as possible.

The Service Tax, if applicable need to be paid by the concerned beneficiary / State/UT Government as per the prevalent Rules.

2. Process for Insuring Animals

In order to generate confidence among the farmers about the efficacy of the 'Risk Management & Insurance' as component of sub-mission on innovation and extension of NLM, it is important that the policy cover should take effect once the basic formalities like identification of animal, its examination by the veterinary practitioner, assessment of its value and its tagging along with payment of the premium to the insurance company or its agent by the owner are completed. The selected insurance company will have to agree to this. However, it is possible that the selected Insurance Company may demand for the whole premium in advance so that the insurance cover can take effect immediately after the owner pays the beneficiary share. In order to take care of this

problem, there should be an arrangement by which the admissible percentage of the premium amount of the Central and State Share, of maximum number of animals that generally expected to be insured in a period of three month, is paid in advance to the insurance company by the CEO. The selected insurance company, on its part, should issue instructions to their branches that as and when a share of the premium is paid by the owner, they should issue the policy with immediate effect. Target of getting the number of animals insured in one-month period for payment of advance to the Insurance Company should be on realistic basis and recouping of the advance fund should be on the basis of subsequent progress made by the concerned Insurance Company.

An animal shall be insured for its current market price. The market price of the animal to be insured will be assessed jointly by the beneficiary and the insurance company in the presence of the Veterinary officer. The minimum value of animal should be assessed by taking Rs.3000 per liter per day yield of milk or as per the price prevailing in the local market (declared by Government) for cow and Rs.4000 per liter per day yield of milk or as prevailing in the local market (declared by Government) for buffalo. The market price of pack animals (Horses, Donkey, Mules, Camels, Ponies and Cattle/Buff. Male) and Other livestock (Goat, Sheep, Pigs, Rabbit, Yak and Mithun) are to be assessed by negotiation jointly by the owner of the animal and by insurance company in the presence of a Veterinary Doctor. In case of dispute the price fixation would be settled by the Gram Panchayat / BDO.

The examination of the animal while issuing insurance policy is to be carried out by the veterinary practitioners registered with the Veterinary Council of India.

The animal insured to be properly tagged and uniquely identified at the time of insurance. The animal already tagged in other program need not be again tagged for this purpose and the existing Unique Identification (UID) of tag should be used for insurance as well. The ear tagging should be with 12-digit unique animal ID Number generated by NDDB. The Veterinary Practitioners may guide the beneficiaries about the need and importance of the tags fixed for settlement of their claim so that they take proper care for maintenance of the tags. While processing an insurance proposal, 2 photographs should be attached, out of which one photograph should be that of the animal with the Owner and the other photograph should be of the animal with its EAR TAG clearly visible.

In case of sale of the animal or otherwise transfer of animal from one owner to another, before expiry of the Insurance Policy, the authority of beneficiary for the remaining period of policy will have to be transferred to the new owner. The modalities for transfer of livestock policy and fees and sale deed etc required for transfer, should be decided while entering into contract with the insurance company.

3. Settlement of Claim

The method of settlement of claim should be very simple and expeditious to avoid unnecessary hardship to the insured. While entering into contract with the insurance company, the procedure to be adopted / farmers who has insured their animals. documents needed for settlement of claim should be clearly spelt out. Only four documents would be required by insurance companies for settling the claims viz. intimation with the Insurance Company, Insurance Policy paper, Claim

Form and Postmortem Report. All documents/forms for insuring as well as settling the claims should be made available by the insurance agency in local language or in English language. In case the farmers' copy of the Insurance Policy paper is lost then the Insurance Company would immediately issue a duplicate Insurance Policy paper. In case of claim becoming due, the payment of the insured amount should be made within 15 days positively after submission of requisite documents. If an Insurance company fails to settle the claim within 15 days of submission of documents, the insurance company will be liable to pay, a penalty of 12% compound interest per annum to the beneficiary. While insuring animal, CEOs must ensure that clear cut procedures are put in place for settlement of claims and the required documents are listed and the same is to be made available to concerned beneficiaries along with the policy documents. The beneficiary should get full payment of the sum insured in case of death of animals. In case, there are delays in settling a claim or the claim is rejected, it must be fully justified by the concerned insurance company to the claimant under intimation to the District Monitoring Committee and also to SIA. The provisions to these effects must be incorporated in the MOU with the insurance companies.

4.Payment of Honourarium to the Veterinarian: The Veterinarian will be eligible to get honorarium of Rs 50/- per animal at the stage of insuring the animal and Rs. 125/- per animal at the stage of conducting post-mortem and issuing post-mortem certificate in case of any insurance claim. The Central Government will provide the amount needed for payment of honorarium to the SIAs. The CEOs should ensure that payment is made to Veterinary Practitioners at the end of each quarter for the animal's insured and veterinary certificates issued by them in that quarter.

Note: Default in settlement of claim or any types of deficiency in services on part of Insurance Companies should immediately be brought to the notice of the Insurance Regulatory and Development Authority (IRDA) which is a nodal authority in the country in this regard with intimation to the District Monitoring Committee and DAHD, GoI.

Monitoring:

The DAHD will develop MIS system for maintaining data. The State Government will be advised for physical monitoring of beneficiaries. Monitoring will also be done through National Review Meeting, Regional and State Review Meeting.

**Indicative list of items eligible for funding under Rural Poultry Entrepreneurship
(1000 POULTRY PARENT STOCK TO GET 500 HATCHING EGG PER DAY)**

Sl. No.	PARTICULARS	Unit
1	Construction of shed (30 ft x 100 ft)	3000 sq.ft
2	Electric Brooder(1000 DOC/Brooder	2 no.
3	Chick Feeder (one feeder/60 Chicks)	18 no.
4	Chick Drinker (one drinker/60Chicks)	18no.
5	Adult Feeder (one feeder/60 Adult birds)	18 no.
6	Adult Drinker (one drinker/60 Adult birds)	18 no.
7	Cost of 1100 parents stock (1000 F + 100 M)	1100 nos.

**HATCHERY FOR HATCHING 3000 HATCHING EGG / WEEK TO
GET 2250 Day Old Chick (DOC)**

Sl. No.	PARTICULARS	Unit
1	Construction of Hatchery building (30' ft x 100 ft)	3000 sq.ft
2	Incubator of capacity 15000 eggs	1 no.
3	Hatcher capacity 5000 eggs	1no.
4	Generator set (15 KVA)	1 no.

MOTHER UNIT FOR BROODING 2000 CHICKS UPTO 4WEEKS

Sl. No.	PARTICULARS	Unit
1	Construction of shed (20 ft X 50 ft) X 4 nos. for 8000 DOC	4000 sq.ft
2	Electric Brooder (1000 DOC/ Brooder)	6 nos.
3	Chicks Feeder (50 DOC/ Feeder)	160 nos.
4	Chicks Drinker (50 DOC/ Drinker)	160 nos.

Indicative list of items eligible for funding under sheep and goat entrepreneurship for establishment of breeder goat farm of 500 females and 25maleSheep and Goat		
S. No.	Particulars	Unit
1	Construction of housing shed for parent stock (55 ft. x100ft)	5500 sq.ft
2	Kid shed & sick pen	3500 sq.ft
3	Cost of Doe	500 nos.
4	Cost of Buck	25 nos.
5	Transportation cost	525 nos.
6	Fodder cultivation	5 acre
7	Chaff cutter	2 nos.
8	Integrated silage making machine	1no.
9	Equipment	For 525 no. of animals
10	Insurance	For 525 of animals
11	Miscellaneous	As required

Annexure III

Indicative list of items eligible for funding under piggery entrepreneurship (100 sow and 10 boar)		
S.No	Particulars	Unit
A	Construction of Pig Sty	
1	Construction of shed for Sow @20sqft per animal (for 100 animals)	2000 sq.ft
2	Construction for boar unit @ 20 sqft per animal	700 sq.ft
3	Farrowing pen @ 80 sq.ft per sow for 50 sows (considering 50% of pigs are allows in farrowing)	4000 sq.ft
4	Cost of construction of pens for piglets @10 sq. ft per piglet for 3000piglets	30000 sq.ft
5	Store room 500 sq.ft	500 sq.ft
B	Cost for Piglets for breeding	
1	Cost of 100 five months old gilt weighing about 50 kg	100 nos.
2	Cost of 10 six months old gilts weighing about 60 kg	10 nos.
C	Other cost	
1	Cost of Equipment	For 110 nos. of animals
2	Equipment for piglets	For 3000 nos.
3	Insurance charges (@7.5%)	For 110 nos.
4	Veterinary Aid	For 110 nos.
	Total (C)	
	Total Cost A+B+C	

Indicative list of components eligible for funding for silage making unit for entrepreneurs (Production capacity 2000-2400 MT per annum)

Sl. No.	Item
01	Construction of shed and godown (2000 square ft) @ 200per.sq.ft for material
02	Bailing Unit (120-150 mt) – one no.
03	Harvester one no.
04	Power operated chaff cutter one no.
05	Installation cost of plant and machinery
06	Shed for machinery storage (60'x50'x20')@200 per sq. ft
07	Tractor with Mounted Trolley- One number

Indicative list of components eligible for funding for fodder block making unit for entrepreneurship (30 MT/day)

Sl. No.	Item	Quantity
01	LD-HD Cutting with electric motor starter, panel board, V-belt, Pulleys etc. LD Low Density Materials (like paddy straws)	01 no.
02	HD-LD Mixer complete with Electric Motor, HD-High Density materials (concentrate Pre-mixes)	01 no.
03	Densified TMR block maker with electric motors starter, hydraulic oil, cooling system	02 no.
04	Platform electronic Weigh Scale	02 no.
05	Main control panel complete with tarter contractors, relays meter, conduits, and fittings, cable trays etc.	1 lot
06	Stitching machine double thread	02 sets
07	Molasses Storage tank (2 MT capacity) OH molasses tank (80 kgs)capacity	01 sets

08	Grinding section fitted with an elevator motor connecting piece of magnet. Bin for grindables in M.S. handle operated, Hammer mill half circle capacity 2 MT/ hr with sieve and complete with foundation fitted with motor and drive parts.	02 Sets
09	Mixing section fitted with ground material lifting elevator with discharge with motor and connecting piece of magnet Bin above batch mixture with discharge control. Paddle type batch mixture with MS construction fitted with motor.	01 set
10	Power supply (Gen set) 140 KVA	01 set
11	Shed for machinery (60'x50'x20') @ Rs. 200persq.ft	01 set
12	Shed for storing raw materials(60'x100'x20') @ Rs. 200 per sq. ft	01 set



Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

APPLICATION FORM
FOR ASSISTANCE UNDER DIFFERENT SUB MISSIONS OF NATIONAL LIVESTOCK
MISSION (NLM)

		PHOTO
		Signature
S. No.	Particulars	
1.	Sub Mission under which assistance is required	
2.	Name of Beneficiary	
3.	Father's Name/Husband's Name	
4.	Mother's Name	
5.	Aadhaar Number	
6.	Mobile No.	
7.	Address	
8.	Category (General/SC/ST/OBC & others)	
9.	Educational Qualification	
10.	Experience in Livestock Farming	
11.	Whether attended any Livestock Farming related trainings (if yes, give details)	
12.	Annual Income from Agricultural/Business activities	
13.	Land Acquired/lease (in Acres)	
14.	No. of birds/ animals being maintained	
15.	Cost of project	
16.	Expected Output	
17.	Amount of subsidy	
18.	Whether subsidy for this purpose has been availed earlier?	
19.	GIS Location	
20.	Number of small farmers proposed to be integrated	
21.	Source of 50 % project cost (beneficiary share)	
	Bank Details	
20.	PAN No.	
21.	Bank Account Number	
22.	Name of Bank	
23.	Address of Bank Branch	
24.	IFSC Code of Bank	
25.	MICR Code of Bank	
26.	Any other relevant information	

(Signature of Applicant)

Enclosure:

- Supporting documents [Proof of Address, Aadhar card, caste certificate (if applicable), proof of land holding (ownership or lease), education certificate, photocopies of training certificate, income proof, bank statement for last six months
- Detailed Project Report including total cost, recurring cost, net income etc
- Name, Aadhar no., mobile no. and address of the farmers linked/attached with the entrepreneur
- photograph of the project area
- Experience about any livestock farming activities done earlier
- Proof of remaining 50% project cost (beneficiary share)
- GI Tagging of the Project site

Recommendation of State Implementing Agency

It is certified that I have personally inspected the above project site _____
_____ proposed for funding under Entrepreneurship by Sh. _____,
resident of village _____, the applicant full fills all the necessary conditions for
the release of subsidy and the same may be released to him. The photographs are attached herewith.

State-

Signature

Indicative List of Low-Input Technology birds eligible under National Livestock Mission implemented by the Department of Animal, Husbandry, Dairying & Fisheries, Government of India

Sl. No.	Name of the organization	Type of stock
PUBLIC SECTOR ORGANIZATIONS		
1.	Central Poultry Development Organization and Training Institute (SR), Bangalore.	a) Chabro b) Kalinga brown c) Kaveri
2.	Central Poultry Development Organization(ER), Bhubaneswar.	Kalinga brown
3.	Central Poultry Development Organization(NR), Chandigarh	Chabro
4.	Central Poultry Development Organization (WR), Mumbai.	Kalinga brown (Kadaknath stocks are also available)
5.	Project Directorate on Poultry, ICAR, Hyderabad	a) Gramapriya b) Vanaraja
6.	Central Avian Research Institute, Izatnagar	a) CARI GOLD b) Nirbheek c) Hitcari d) Cari-Debendra e) Upcari
7.	Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar, Karnataka	a) Giriraja b) Girirani c) Swarnadhara
8.	Poultry Research Station, Nandnam, Chennai Tamil Nadu	Nandanam 99
9.	Kerala Veterinary University, Mannuthy	Gramalakshmi Gramashree Krishipriya
10.	Sri Venkateshwara Veterinary University, Rajendernagar, Hyderabad	Rajasri
PRIVATE SECTOR ORGANIZATIONS		
1.	Dr. Yashvant Agritech Pvt. Ltd, Jalgaon, Maharashtra	Satpuda-desi
2.	Indbro Research and Breeding Farm Pvt. Ltd., Hyderabad	Rainbow rooster
3.	Kegg Farms, New Delhi	Kuroiler
4.	Shipra Hatcheries, Patna, Bihar	Shipra

This list may be updated by this Department as and when required and updated list will also be put up on the website of the Department <http://dahd.nic.in>

Performa Bank Guarantee

(From any scheduled commercial bank to be valid for three years)

This Deed of Guarantee executed on this ____ day of _____, 20.... at by (from any scheduled commercial bank), having its Head Office / Registered Office at and inter-alia a Branch Office at____(hereinafter referred to as the Bank or 'the Guarantor', which expression shall unless it be repugnant to the subject or context hereof be deemed to include its successors and assigns).

In favour of Department of Animal Husbandry and Dairying Ministry of Fisheries, Animal Husbandry and Dairying (DAHD), Government of India, Kishi Bhawan New Delhi Bhawan, New Delhi-110001 (hereinafter referred as "DAHD")

WHEREAS

A. [.....], Individual/ Farmers Producer Organization, Joint Liability Group (JLG)/ Farmers Cooperative Organization/ Section 8 companies under-----and having its Registered Office/ Home at [----] (herein after referred to as 'the Applicant' which expression unless repugnant to the subject or context includes its successors. Legal representatives and permitted assigns) and has been awarded approval under the above scheme vide Letter Reference ----- dated.....

B. In terms of the undertaking dated ----- and Clause ----- of the Guidelines Reference No. -----dated, the Applicant has to provide a Bank Guarantee for an amount equivalent to INR which is calculated in line with the undertaking.

C. At the request of the Applicant, the Guarantor has agreed to provide this guarantee, being these presents, guaranteeing the due and punctual performance / discharge by the Applicant of its obligations.

NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS

The Guarantor hereby irrevocably guarantees the due and compliance of terms by the Applicant of all its obligation under the said undertaking and approval letter, as amended from time to time.

A. The Guarantor shall, without demur, pay to DAHD sums not exceeding in aggregate ----- (INR -----) within five (5) bank working days (as per the Reserve Bank of India) of receipt of a written demand thereof from DAHD stating that the Applicant has failed to meet its obligations under the said undertaking. The Guarantor shall have not to go into the veracity of any breach or failure on the part of the Applicant or validity of the demand so made by DAHD shall pay the amount specified in the demand notwithstanding any direction to the contrary given or any dispute whatsoever raised by the Applicant or any other person. The Guarantor's obligations hereunder shall subsist until all such demands are duly met and discharged in accordance with the provisions hereof;

B. The Guarantor agrees that its liability under this guarantee shall in no manner be affected by any such variation, alteration, modification, waiver dispensation and that no further consent of the Guarantor is required for giving effect to any such variation, alteration, modification, waiver dispensation with or release of security;

C. This Guarantee shall be irrevocable and shall remain in full force for three years from the date of issuance.

D. Until and unless discharged / released earlier by DAHD in accordance with the provisions of the said undertaking, the Guarantor's liability in aggregate shall be limited to a sum of INR -----
----- (INR)

E. This Guarantee shall not be affected by any change in the constitution or winding up of the Applicant / Guarantor or and absorption, merger or amalgamation of the Applicant / Guarantor with any other person;

F. The Guarantor has power to issue this Guarantee and discharge the obligations contemplated herein, and the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under.

All future correspondence with reference to this Guarantee shall be made to.....
(Bank Na The jurisdiction in relation to this Guarantee shall be the Courts at New Delhi and Indian Law shall be applicable.

IN WITNESS WHEREOF THE GUARANTOR HAS SET ITS HANDS HEREUNTO ON THE: DAY, MONTH AND YEAR FIRST HEREINABOVE WRITTEN

SIGNED AND DELIVERED by

Bank by the hand of it's.....

and authorized official.

Name and Address).

Performa for submission of Bank Guarantee**(Undertaking from the Applicant on the letterhead)**

1. 1/ We,....., hereby, acknowledge that the back ended subsidy that would / may be provided to me/us under the Entrepreneurship programme under National Livestock Mission for establishment of at village..... District..... in India, as per the Guidelines, communications, after relying upon the information provided by us to avail the said subsidy.

2. We hereby confirm that the information provided by us for availing the said back ended is true, correct and complete in all respects and that no material fact/information that may have an adverse impact on the information provided by us for availing the said Incentive has been concealed.

3. We hereby confirm that the Committed Investment of the 25% of the project cost, as per the approval letter, is to be made by us within six months from our own fund the date of approval letter.

4. With regard to the aforesaid transactions, we hereby undertake the following:

We undertake to provide Bank Guarantee/s from a schedule commercial Bank for the amount which is mentioned below:

Sl. No.	Particulars	Details
1.	Date of issuance of Approval Letter	
2.	Validity period of BG*	
3.	Amount of BG	

* Valid for three years or renewed till the date DAHD releases such Guarantee whichever is later.

A. We understand and agree that, we are legally bound to renew the BG / issue fresh BG, failing which MoFPI/PM may invoke the BG.

B. In case of loss, mutilation, force majeure or any other eventualities, with respect to Original BG (favouring DAHD), DAHD will not be liable for the same and the onus would be with us to arrange for alternate/duplicate BG in place of the original BG.

We also understand that the BG will be invoked or released as per the provision in the guidelines.

Date

Signature

(Name & designation with address)

Performa for integrity compliance

(To be signed by full time Director / CEO / MD of the company/ Partner/ Proprietor of the firm duly depicting the designation and submitted on official stationery of the Applicant along- with the authorization to do so)

Format- A: Initial Undertaking

1. Whereas, the Applicant namely _____ has submitted an Application under National Livestock Mission for establishment of the project.....(Name of the project), seeking Subsidy for entrepreneurship development.

2. Now, therefore, the Applicant commits to observe the following principles during his / her association / engagement with DAHD with the process of appraisal and verification of Application for the approval of Application and disbursement of Subsidies under NLM Scheme.

2.1. The Applicant will not directly or through any other person or firm, offer, promise or give to any of the DAHD's officer(s) or consultant or agency representative (appraisal or/and PMA appointed by DAHD to handle the Application) involved in the process of dealing with Application or to any third person any material or other benefit which he/she is not legally entitled to in order to obtain in exchange any advantage of any kind whatsoever before or during or after the process of the Application for grant of approval or disbursement of Subsidies under the scheme.

2.2. The Applicant will not commit any offence under the relevant Indian Penal Code, 1860/ Prevention of Corruption Act, 1988. Further, the Applicant will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the DAHD.

2.3. The Applicant will disclose any and all payments he/she has made, is Committed to or intends to make to agents, brokers or any other intermediaries, other than regular employees or officials of the Applicant, in connection with the grant of approval or/and disbursement of Subsidies.

2.5. The Applicant will not offer any illicit gratification to obtain unfair advantage.

2.6. The Applicant will not collude with other parties to impair transparency and fairness.

2.7. The Applicant will not give any advantage to anyone in exchange for unprofessional behaviour.

3. The Applicant agrees that if it is found that the Applicant has made any incorrect statement on this subject, the Application will be closed or rejected and DAHD reserve the right to initiate legal action of whatsoever nature. In case if DAHD has disbursed the Subsidies under NLM Scheme, the amount disbursed to Applicant be recoverable along with interest calculated at 3 years SBI MCLR prevailing on the date of disbursement, compounded annually, besides

blacklisting of the Applicant and initiation of legal action of whatsoever nature at the discretion of DAHD.

4. The contents of the above undertaking have been gone through and after understanding the same is being executed / given on.....day of (month / year)

Date

Signature

(Name in full & designation with address)

SURETY BOND (TO BE PROVIDED AS REGISTERED BOND)

I / We, M/s. _____, a beneficiary under National Livestock Mission located at _____ address at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of Rs. _____/- (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment I/ we firmly bind myself/ ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand.....

WHEREAS on the Obligors' request, the Government as per Sanction Order No. _____ Dated _____ (hereinafter referred to as the "Letter of Sanction") through which back ended subsidy of Rs. _____/- (Rupees _____ only) for the purpose of setting up of project..... under National Livestock Mission developed By M/s. _____ (description of the Entrepreneurs/ Eligible Entity) at _____, out of which the sum of "Rupees _____" have been paid to the Obligors (the receipt of which the Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction and the scheme guidelines. The Obligors will abide by the terms & conditions of the subsidy by the target dates, if any specified therein.

THAT the Obligors shall not divert the subsidy amount and entrust execution of the Project or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by the clauses indicated in the scheme guidelines under which the above subsidy has been sanctioned and any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the guidelines/ bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the subsidy with interest of 10% per annum thereon. If a part of the subsidy is left unadjusted/ unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged upto the date of its refund to the Government, unless it is agreed to be carried over.

THAT the 'Obligor' is committed to run the project for which the back ended subsidy has been provide for a minimum period of three years and shall not demolish, close, change of propriety or sale out the equipment, machinery or any part of the project.

THAT the 'Obliger' shall intimate the Department of Animal Husbandry and Dairying and also the State Implementing Agency, in case of damage of the project in case of FORCE MAJEURE, for taking decision on the fate of the subsidy.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary, Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying to the Government of India on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and;

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____ Dated _____ passed by the governing body of the Obligers (in case of the FPOs/ FCOs/JLGs/ SHG and Section 8 companies), a copy whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the President of India on the date appearing below:-

Signature of the AUTHORISED PERSON

Signed for and on behalf of

(Name of the Obliger in block letters)

(Seal / Stamp of Organization)

1. Signature of witness

Name & Address

2. Signature of witness

Name & Address

INDICATIVE LISTS OF SUPPLIERS FOR VARIOUS INPUTS

I. INDICATIVE LIST OF LOW-INPUT TECHNOLOGY DAY OLD CHICK SUPPLIERS

Sl.	Type of stock	Name of the organization & contact details
1.	a) Chabro b) Kalinga brown c) Kaveri	Central Poultry Development Organization and Training Institute (SR), Hesaraghatta, Bangalore – 560 088, Karnataka e-mail: cpdoti@gmail.com 080-28466239/28466226/28466240
2.	Kalinga brown	Central Poultry Development Organization(ER), Nayapalli (Near Jayadev Bihar),Bhubaneswar-751012, Odisha. e-mail : - cpdo_er@rediffmail.com Phone :- 0674-2420175(O)
3.	Chabro	Central Poultry Development Organization(NR), Industrial area, Phase-I, Chandigarh – 160 002. e-mail: cpdonrhd@gmail.com Tel.: 0172-2655391/460
4.	a) Kalinga brown b) Kadaknath	Central Poultry Development Organization (WR), Aarey Milk Colony, Goregaon (East), Mumbai - 400 065 e-mail: cpdo_mum65@yahoo.com +91 22 29272497
5.	a) Gramapriya b) Vanaraja	ICAR - Directorate of Poultry Research Rajendra nagar, Hyderabad 500 030, Telangana, India Ph: +91-40-24018687 Email: dprhatchery@gmail.com
6.	a) CARI GOLD b) Nirbheek c) Hitcari d) Cari-Debendra e) Upcari	ICAR-Central Avian Research Institute <i>Bareilly, Izatnagar-2431 122</i> e-mail: cari_director@rediffmail.com Tel.:581-2303223; 2300204
7.	a) Giriraja b) Girirani c) Swarnadhara	Karnataka Veterinary, Animal and Fisheries Sciences University, Nandinagar, Bidar- 585 401, Karnataka e-mail: regkvafsu@gmail.com Tel.: 08482-245241
8.	Nandanam 99	Poultry Research Station, Madhavaram Milk Colony, Chennai – 600 051. e-mail: ippm@tanuvas.org.in Tel.: 044-25552650
9.	a) Gramalakshmi b) Gramashree c) Krishipriya	Kerala Veterinary University, Mannuthy College of Avian Sciences & Management, Alanallur Via, Palakkad Thiruvazhamkunnu -678 601. pfso@kvasu.ac.in , casmt@kvasu.ac.in , acadcasmt@kvasu.ac.in 04924 208206, 8281028206
10.	Rajasri	Sri Venkateshwara Veterinary University, Rajendernagar, Hyderabad Department of Poultry Science, College of Veterinary Science, Tirupati – 517 502. e-mail: adcvsctpt@gmail.com , drshakilas@yahoo.co.in Tel.: 0877-2249932, 09440167225
11.	Satpuda-desi	Dr. Yashvant Agritech Pvt. Ltd, 265, Bhaskar Market, Jalgaon – 425001, Maharashtra e-mail: aditya344@gmail.com Mobile: 9423769495; 9423492238

12.	Rainbow rooster	Indbro Research and Breeding Farm Pvt. Ltd., House No : 2-4-118/117, South Swaroop Nagar, Uppal, Hyderabad-500 039. e-mail: drkotaiah@indbropoultry.com; info@indbropoultry.com Tel.: 040 – 2721 5594; 040 – 2414 5594
13.	Kuroiler	Kegg Farms Private Ltd., 8 th Floor, Eros Apartments, 56 Nehru Palace, New Delhi – 110019. e-mail: info@keggfarms.com mobile: 08448455564
14.	Shipra	Shipra Hatcheries, Flat No.6, Rizvi Building, Jamal Road, near kenara bank, Patna-800008, Bihar. Mobile: 09801765464

INDICATIVE LIST OF FARMS FOR GOAT GERMPLASM

Government Goat Breeding Farms

Name of the Farm	Breed
Kullenjra, Punjab	
Mattewara, Punjab	
Kolkapura, Punjab	
Kotulpur Goat cum Fodder Farm, Murakata, Kotaipur, Bankura	Goat (Black Bengal)
Goat Farm under WBLDC, Hainghata Farm, Mohanpur, Nadia-West Bengal	Goat (Black Bengal)
Dairy Goat Farm Rajbagh, Jammu	Beetal Goat 327
Goat breeding centre, Dhoni, Kerala	1. Malabari, 2. Attapatti Black, 3. Boer 4. Sirohi, 5. Beetal
Goat breeding centre, Puthur, Kerala	Malabari

Private Goat Breeding Farm

Name of the Farm	Breed
Raajdeep goat farm, vill - shivlalpur joshi - Bailpokhra (Ramnagar) Distt. Nainital	Barbari, Pantaza, Sirohi, Totapari, Local breads
Mohd Rashid, Star Goat Farm Vrindawan, Mathura, UP	Barbari goats
Ganesh Ram, VPO Dhodhsar, distt Jaipur, Rajasthan	Sojat, Totapuri
Ajay Parihar, UTTRAKHAND ORGANIC GOAT FARM, Village Mujholi Tehsil Ranikhet, Distric Almora, Uttarakhand	Sirohi
Sawai Singh, Village Narwa, dist. Jodhpur, Rajasthan.	Sirohi

Bhagwan Singh Arya, bharatpur	Barbari
Krishna Kumar A N, Vistara Goat Farms , 158, Padmaupadya Layout, Nagadevanahalli, Kengeri, Mandya District, BengaluruKarnataka.	Beetal
Deepak Patidar , Goatwala Farm, Village Sundrel, Tehsil Dharampuri , Distt. Dhar MP	Sirohi, Sojat , Barbari, Beetal
Sudhir Navnath Funde, Kamdhenu Agro Animals, Gat no 164 Waghud Post Dhanora Ta Malkapur Dist Buldhana Maharashtra	Osmanabadi

INDICATIVE LIST OF FARMS FOR SHEEP GERMPASM

Government Sheep Breeding Farms

S. No.	Sheep/Goat breeding farms in Jammu division	Breed
1.	Govt. sheep breeding and research farm Reasi/Zaban, Jammu	Rambouillet sheep
2.	Govt. sheep breeding farm Panthal, Jammu	Rambouillet and Dorper sheep
3.	Govt. Sheep Breeding Farm Thathri, Jammu	Rambouillet sheep
4.	Govt. Sheep Breeding Farm Billawar/Sarthal, Jammu	Rambouillet sheep
5.	Govt. Sheep Breeding Farm Balnoi, Jammu	Rambouillet sheep
6.	Govt. Sheep Breeding Farm Chanderkote, Jammu	Rambouillet sheep
7.	Central Garole Sheep Project, State Livestock Farm, Kalyani, Nadia, West Bengal	Sheep (Garole)

Private Sheep Breeders having Sheep and Goat flocks in Jammu Division

S. No.	Sheep/Goat Breeders Name and Address	Breed
1.	Sh. Haji Nizam Din Khatana S/o Haji Mohd Zubair Surinsar/Birpur, Jammu (Summer HQ Sai Nallah/Warwan), Jammu	Cross Bred Rambouillet sheep and Kaghani Goats
2.	Sh. Haji Junaid S/o Haji Mohd Zubair, Surinsar/Birpur Jammu (Summer HQ Sai Nallah Warwan), Jammu	Cross Bred Rambouillet Sheep and Kaghani Goats
3.	Sh. Main Altaf Ahmed S/o Main Bashir Ahmed , Mehtka (Kalakote)/Lam (Nowshera)/Thandapani (Sunderbani) Rajouri (Summer HQ Kangan), Jammu	Cross Bred Rambouillet Sheep and Kaghani Goats
4.	Sh. Ishtiaq S/o Mohd Hussain, Diani, Samba (Summer HQ Kainthal/Kargil), Jammu	Cross Bred, Rambouillet Sheep and Kaghani Goats
5.	Sh. Mohd Sadiq khatana S/o Abdul Rashid Khatana , Ratnuchak, Samba (Summer HQ Sai Nallah/Warwan), Jammu	Cross Bred Rambouillet Sheep and Kaghani Goats
6.	Sh. Iqbal Phambra S/o Suba	Cross Bred Rambouillet Sheep and Kaghani Goats

INDICATIVE LIST OF FARMS FOR PIG GERMPLASM

Government Pig Breeding Farms

S. No.	Name of the Farm	Breed
1.	Chhaju-Majra-Mohali, Punjab	Large White Yorkshire
2	Nabha – Patiala, Punjab	Large White Yorkshire
3	Malwal – Ferozepur, Punjab	Large White Yorkshire
4	Sadda – Gurdaspur, Punjab	Large White Yorkshire
5	Kheowal – Hoshiarpur, Punjab	Large White Yorkshire
6	Pig Breeding Farm under WBLDC Hainghata Farm, Mohanpur, Nadia, West Bengal	Large White Yorkshire, Duroc, Landrace
7	Pig Breeding Farm under WBLDC, Mohitnagar, Jalpaiguri, West Bengal	Large White Yorkshire, Duroc, Landrace
8	Pig Breeding Centre, KLD Board, Ernakulam, Kerala	Large White Yorkshire, 2. Landrace 3. Duroc , 4. LW Yorkshire x Landrace cross, 5. Landrace x Duroc cross, 6. LW Yorkshire x Duroc cross 7. Three way crosses

Private Pig Breeding Farms

S. No.	Name of the Farm
1.	Dhaliwal pig farm sangrur, Punjab
2	Harpreet singh Bathinda, Punjab
3	Jasvir Singh Sangrur, Punjab
4	Jagdeep Singh SAS Nagar, Punjab
5	Kunal Sharma, Diamond Swine breeders village Shankar Distt Jalandhar, Punjab
5.	Virender Singh @ Ghuman Pig Farm Dera Baba Nanak, Gurdaspur, Punjab
6.	Khullar Pig Farm, Muktsar Road , Ferozepur, Punjab
7.	Ranjit Pig Farm, Village Joner, Ferozepur, Punjab
8.	Noorpur Pig Farm, Village Noorpur, Sethan, FZR, Punjab
9.	Manjit Pig Farm, Village Maan Singhwala, Muktsar Sahib, Punjab
10.	Machhibagra Pig Farm, Village Machhibagra, FZR, Punjab
11.	Sulhani Pig Farm, Village Sulhani, FZR, Punjab
12.	Sandeep Pig Farm, Village Jaimalwala, FZR, Punjab
13.	Rakesh Pig Farm, Zira, FZR, Punjab
14.	Avtar Singh, Salapur Ropar, Punjab
15.	Shamlal, Mundi Kharar Mohali, Punjab
16.	Jasbir Singh , Sector -23 D CHD
17	Jashandeep Singh, Rajpura, Patiala, Punjab
18.	Amteshwar, Mohali, Punjab
19.	Karam Chand, Ropar, Punjab

20.	Darshan, Sialba Majri, Punjab
21.	Kultar Singh, Chand pur bela, Ropar, Punjab
22.	Anil, Derabesi, Mohali, Punjab
23.	Akashdeep Singh, Shekpur, Mohali, Punjab
24.	Deepak Soharta, Bojheri, Mohali, Punjab

Major Fodder seed producing agencies

Sl. No	Name
01	ICAR-Indian Grassland and Fodder research Institute, Jhansi, Uttar Pradesh
02	State Agriculture Universities (63 numbers)
03	National Seeds Corporation Limited
04	State Seeds Corporation Limited (13 nos.)
05	Krishi Vigyan Kendra (722 nos.)
06	Milk Unions/ Cooperatives (18 States)
07	Regional Fodder stations, Hissar, Chennai, Jammu and Kashmir, Hessarghata (Bangalore), Kalyani (West Bengal), Suratgarh (Rajasthan), Hyderabad, Dhamrood.
08	BAIF Limited
09	JK Trust. Thane Maharashtra

Note: The aforementioned lists are indicative and not an exhaustive one. The Department may, on request add the list. The procurement of materials/ inputs is at the buyer's responsibility.

Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

F.No. K-11053 (5313)/14/2019-LH (13830)
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

Krishi Bhawan, New Delhi
Dated: 28th August, 2021

To,

The Pay and Accounts Officer,
Department of Animal Husbandry & Dairying,
Ministry of Fisheries, Animal Husbandry & Dairying,
Jeevan Tara Building,
New Delhi

Subject: Administrative approval for implementation of Central Sector Scheme – 'Livestock Health & Disease Control Programme' during 2021-22

Sir/ Madam,

In supersession of the letter no.K-11053 (5313)/14/2019-LH (13830) dated 27.04.2021, the undersigned is directed to convey Administrative Approval of competent authority for implementation of Central Sector Scheme – '**Livestock Health & Disease Control Programme**' (LH&DCP) with an outlay of Rs. 1470 crore (Rupees Fourteen hundred seventy crore) including National Animal Disease Control Programme (NADCP) and Livestock Health & Disease Control (LH&DC) Scheme.

2. The NADCP programme shall be implemented in all States and Union Territories. 100% Central assistance through the Central Implementing Agency/ State Implementing Agencies / Livestock Development Boards of the respective State / UT Governments. The State / UT Governments shall provide the requisite infrastructure for vaccine cold chain maintenance, etc. and manpower to carry out vaccination and other related activities. Administrative support shall be provided by the Commissioners / Directors, Department of Animal Husbandry and district authorities of the States / UTs concerned to ensure smooth implementation of the programme.

3. Under the 'National Animal Disease Control Programme for FMD and Brucellosis, funds for the component of Foot and Mouth Disease are earmarked for control of the disease for vaccination of the entire cattle, buffalo, sheep, goat and pig population and primary vaccination in calves (4-5 months of age), animal identification by ear tagging and recording it in Animal Health Module of Information Network for Animal Productivity and Health (INAPH), and for issuing of animal health card; vaccines and eartags through Programme Logistics Agency, vaccination costs including accessories, cold-chain infrastructure, remuneration to vaccinators etc.; establishment / strengthening of check post to control movement of animals, de-worming, awareness campaign which shall include hoardings, print materials, wall painting, audio/video medium, leaflets, etc at Centre, State, District, Block and Village level, Funds will also be utilized at the Head Quarters for payment to Programme Management and Logistics Agencies for programme management, procurement and logistics, establishment of telephonic survey agency and Professional Communications Agency, and for advertisement and publicity. Funds will also be provided to institutes like ICAR-IVRI ICAR-DFMD, IC-FMD, ICAR-NIVEDI, CCSNIAH, etc. for conducting sero-monitoring, sero-surveillance, vaccine quality control and other activities. Funds will also be provided to National Dairy Development Board for conducting ToTs for INAPH and also to improve/ upgrade the software, if required.

4. Funds for the component 'National Animal Disease Control Programme for Brucellosis' will be provided for control of Brucellosis by vaccination of female bovine calves (4 to 8 months of age) once in a life time. Funds will also be provided for vaccination costs including

accessories, remuneration to vaccinators, strengthening of ELISA Laboratories, recurring expenditure for their consumables, village level screening of samples, de-worming, expenditure on awareness campaign that shall include hoardings, print materials, wall painting, audio / video medium, leaflets, etc, at the Centre, State, District, Block and Village level. Funds shall be provided to ICAR-NIVEDI, etc. for sero-monitoring, training, etc. Funds shall also be utilized at the Head Quarters for online monitoring, data generation and evaluation.

5. The other component “**Livestock Health & Disease Control**” (LH&DC) includes three sub components (i) **Critical Animal Disease Control Programme (CADCP)** for eradication and control of two major diseases namely Peste des Petits Ruminants (PPR) and classical swine fever (CSF); (ii) **Establishment and strengthening of mobile veterinary units (ESVHD)**; and (iii) **Assistance to States for control of other economically important, exotic, emergent and zoonotic livestock and poultry diseases (ASCAD)**.

The LH&DC programme shall be implemented in all the States and Union Territories (UTs). The funding pattern is 100% central assistance for the CADCP and the non-recurring components of ESVHD, and 60:40 between Central and State for recurring expenditure under ESVHD-MVU as well as for ASCAD, with 90:10 for hilly and NE States and 100% for UTs

6. **PPR-EP**: This component covers the entire sheep and goat population in the country under carpet vaccination against PPR for 100% effective coverage of the entire eligible sheep and goat population. Migrants' flocks/animals are also covered under the vaccination programme. Funding pattern: 100% central assistance to States for vaccine, accessories for vaccination, remuneration for vaccinators, surveillance & monitoring and IEC / awareness campaigns.

7. **CSF-CP**: The control programme for control of Classical Swine Fever is expanded to include all the states / UTs for 100% effective coverage of the entire pig population along with a proposed 100% Central assistance. Funding Pattern: 100% central assistance to States is proposed for vaccines, accessories for vaccination, remuneration to vaccinators, strengthening of laboratories, recurring expenditure for laboratory consumables, surveillance and monitoring and IEC / Awareness campaigns.

8. **ESVHD-MVU**: Provides establishment of Mobile Veterinary Units in the component of Establishment and Strengthening of existing Veterinary Hospitals and Dispensaries (ESVHD) of the LH&DC Scheme. MVUs will provide diagnosis treatment, vaccination, minor surgical interventions, audio-visual aids and extension services to farmers / animal owners at their doorstep. It is envisaged to support one MVU per 1 lakh livestock population in the country. Funding pattern: Under this component, 100% Central assistance is provided for the non-recurring expenditure on the customized mobile van / vehicle, fully equipped with equipment for diagnosis, treatment, sample collection, minor surgery and audio- visual aids, etc. for extension activities. The recurring expenditure on running the mobile vans / vehicles, call centres and the outsourced manpower services shall however have a Central-State fund sharing pattern of 60-40/90-10 for NE& Himalayan States/100% for UTs.

9. **ASCAD**: The component ASCAD is focused towards assistance to States/ UTs for vaccination against economically important diseases of livestock and backyard poultry duly prioritized by the States as per the disease(s) prevalent and losses to farmers. Emphasis is also given for vaccination against zoonotic diseases viz., anthrax, rabies, etc. State biological production units and Disease Diagnostic Laboratories, for supplementing production of disease diagnostic kits/vaccines and for disease diagnosis are also strengthened and supported under ASCAD. Another activity that has been prioritized under

this component is 'Control of Emergent and Exotic Diseases'. This includes surveillance and related activities to check ingress of exotic diseases and emergent / re-emergent livestock/poultry diseases. Financial assistance shall also be given towards payment of compensation to farmers for culling of birds, elimination of infected animals, and destruction of feed/ eggs including operational costs. Funding Pattern: ASCAD is having a Central-State fund sharing pattern of 60-40/90-10 for NER & Himalayan States / 100% UT except for activities under 'Research & Innovation, publicity & awareness training and allied activities, funding VCI and headquarters expenses (hiring consultants, legal, election etc.) for which 100% Central assistance is proposed.

10. Budget under LH&DC Programme is as follows:

Heads of Account	Objective Head	BE TOTAL (RS. in Lakh)
240300101390013	Office Expenses	26.00
240300101390026	Advertisement & Publicity	2750.00
240300101390028	Professional Services	1140.00
240300101390031	Grant In Aid General	64110.00
240300101390036	Grant in Aid Salaries	200.00
240300789180031	Grant In Aid General	20700.00
240300796050031	Grant In Aid General	10300.00
255200261190031	Grant In Aid General	11971.00
255200789750031	Grant In Aid General	3037.00
255200796540031	Grant In Aid General	1458.00
360108111250031	Grant In Aid General	21094.00
360108789060031	Grant In Aid General	4846.00
360108796100031	Grant In Aid General	2565.00
360208104240031	Grant In Aid General	2074.00
360208789020031	Grant In Aid General	476.00
360208796020031	Grant In Aid General	253.00
TOTAL		147000.00

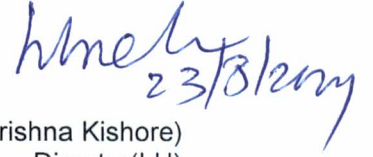
11. This administrative approval is issued subject to the following.-

- The provisions of General Financial Rules, 2017 shall be applicable
- The flow of funds is to be ensured through PFMS / DBT platforms
- The Central/ State Implementing Agencies shall ensure registration of all implementing agencies till last levels and use of Expenditure, Advance and Transfer (EAT) module of Public Financial management System (PFMS) for flow of funds so that effective monitoring of funds utilization can be done as per Rule 232(v) of GFR 2017
- Utilization Certificates shall be submitted through PFMS in accordance with guidelines issued in this regard by CCA, Ministry of Agriculture and Farmers Welfare. It is to be noted that Utilization Certificate not supported by EAT module data is likely to be rejected and expenditure will not be treated as regular

12. All relevant correspondences, scheme proposals, monthly physical progress reports, utilization certificates, etc may be forwarded to Joint Secretary (LH), Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying, Room No. 190-A, Krishi Bhawan, New Delhi – 110001. Email: jslh-dadf@nic.in

13. This issues with the approval of Joint Secretary (LH) vide Dy.No.E-13830 dated 23-04-2021.

Yours faithfully,



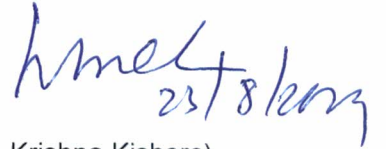
(Dr. G. Krishna Kishore)
Director(LH)

Copy for information and necessary action:

1. Principal Secretary / Secretary, Animal Husbandry Department, all States / UTs
2. Principal Secretary / Secretary, Finance Department, all States / UTs
3. Commissioner / Director, Animal Husbandry Department, all States / UTs
4. Chief Executive Officer, Livestock Development Board / State Implementing Agencies, all States / UTs
5. Advisor (Agriculture), NITI Aayog, Yojana Bhawan, New Delhi
6. Chairman, National Dairy Development Board, Anand, Gujarat
7. Managing Director, NAFED, Ashram Chowk, Siddharth Enclave, New Delhi
8. Director, CCSNIAH, Baghpat
9. Director, ICAR-DFMD, Mukhteswar, Uttarakhand
10. Director, ICAR-NIVEDI, Yelahanka, Bengaluru, Karnataka
11. Principal Accounts Officer, Jeevan Tara Building, New Delhi
12. PAO (Secretariat), Room No.35, Krishi Bhawan, New Delhi
13. Guard file

Copy to:

1. PPS to Secretary (AHD), Krishi Bhawan, New Delhi
2. PPS to Director General, ICAR, Krishi Bhawan, New Delhi
3. PPS to SS&FA, DAHD, New Delhi
4. PPS to AHC, DAHD, New Delhi
5. PPS to JS(CDD) / JS (LH) / JS(NLM) / JS(Admn) / Adviser (AHS)
6. PS to Director (IFD), DAHD / AC (Budget)



(Dr. G. Krishna Kishore)
Director (LH)



OPERATIONAL GUIDELINES FOR LIVESTOCK HEALTH & DISEASE CONTROL SCHEME



**Department of Animal
Husbandry and Dairying**

**Ministry of Fisheries,
Animal Husbandry and
Dairying, Govt. of India**

2021



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ABBREVIATIONS:

1. ACS: Additional Chief Secretary
2. AH: Animal Husbandry
3. AHS: African Horse Sickness
4. AI: Artificial Insemination
5. ASCAD: Assistance to States for Control of Animal Diseases
6. AVD: Actual Vaccination Date
7. BPU: Biological Production units
8. BSE: Bovine Spongiform Encephalopathy
9. BVO: Block Veterinary Officer
10. CBPP: Contagious Bovine Pleuropneumonia
11. CSF: Classical Swine Fever
12. CSF-CP: Classical Swine Fever Control Programme
13. CSS: Centrally Sponsored Schemes
14. CSSNIAH: Chaudhary Charan Singh National Institute of Animal Health
15. CVE: Continuous Veterinary Education
16. DA: Dearness Allowance
17. DAHD: Department of Animal Husbandry and Dairying
18. DDLs: Disease Diagnostic Laboratory
19. DMU: District Monitoring Unit
20. EAT module: Expenditure, Advance and Transfer module
21. ESVHD: Establishment and Strengthening of Veterinary Hospitals and Dispensaries
22. FMD: Foot and Mouth Disease
23. GeM: Government e-Marketplace
24. GFR: General Financial Rules
25. GLP: Good Laboratory Practices
26. GMP: Good Manufacturing Practices
27. GOI: Govt. of India
28. HOD: Head of the Department/Division
29. HQ: Head Quarters
30. IAs: Implementing Agencies
31. ICAR: Indian Council of Agricultural Research
32. IEC: Information Education and Communication
33. INAPH: Information Network for Animal Productivity and Health
34. LDB: Livestock Development Board
35. LH&DC: Livestock Health & Disease Control
36. LH: Livestock Health
37. MVU: Mobile Veterinary Units

- 38. NADCP: National Animal Disease Control Programme
- 39. NADRS: National Animal Disease Reporting System
- 40. NE: North East
- 41. NGO: Non-Governmental Organization
- 42. NIVEDI: National Institute of Veterinary Epidemiology and Disease Informatics
- 43. NPRSM: National Project on Rinderpest Surveillance and Monitoring
- 44. NSC: National Steering Committee
- 45. OIE: 'Office International des Epizooties'
- 46. PED: Professional Efficiency Development
- 47. PFMS: Public Financial Management System
- 48. PPR: Peste des Petits Ruminants
- 49. PPR-EP : Peste des Petits Ruminants Eradication Programme
- 50. PRRS: Porcine reproductive and respiratory syndrome
- 51. SIA: State Implementing Agencies
- 52. SMU: State Monitoring Unit
- 53. SNA: State Nodal Agency
- 54. SOP: Standard Operating Procedures
- 55. TA: Travelling Allowance
- 56. ToT: Training of Trainers
- 57. UC: Utilization Certificate
- 58. UID: Unique Identification
- 59. UT: Union Territory
- 60. VCI: Veterinary Council of India
- 61. VS: Veterinary Services

OPERATIONAL GUIDELINES FOR LIVESTOCK HEALTH & DISEASE CONTROL SCHEME

1. OBJECTIVES

The overall aim of the Livestock Health & Disease Control scheme is to improve the animal health sector by way of implementation of prophylactic vaccination programmes against various diseases of livestock and poultry, capacity building, disease surveillance and strengthening of veterinary infrastructure. It is envisaged that implementation of the scheme will ultimately lead to prevention & control, subsequently eradicating the diseases, increased access to veterinary services, higher productivity from animals, boosting up of trade in livestock and poultry, in livestock and poultry products and improving socio-economic status of livestock and poultry farmers.

The objectives of the scheme are:

- a) To implement Critical Animal disease control programme to eradicate PPR by 2030 by vaccinating all sheep and goats and to control Classical Swine Fever (CSF) by vaccinating the entire pig population
- b) To provide veterinary services at the farmers' doorstep through Mobile Veterinary Units (MVUs)
- c) To assist States/UTs for Control of Animal Disease (ASCAD) by prevention & control of important livestock and poultry diseases prevalent in different States / UTs as per the State /UT's priorities

2. OUTCOMES:

- a) Reduced risk to animal and human health
- b) Overall increase in livestock productivity by reducing disease burden

3. SCHEME IMPLEMENTATION STRATEGY

- a) State/UT to identify and designate suitable agency as SIAs/ LDBs (preferably same as in NADCP)
- b) State/UT / SIAs shall develop further guidelines for implementation of the Scheme delineating roles and responsibilities of all functionaries at different levels

3.1 Critical Animal Disease Control Programme

It is proposed to cover the following two critical diseases for its eradication and control through this component for saving the losses to farmers.

3.1.1 *Peste des Petits Ruminants* Eradication Programme (PPR-EP)

- a) This component will cover entire sheep and goat population in the country under carpet vaccination against Peste des Petits Ruminants (PPR), for 100% effective

coverage of the entire eligible small ruminant population. Migrants' flocks / animals will also be covered under the vaccination programme. The sole objective of having the eradication programme for 4 years is to establish adequate herd immunity and ensure that the country becomes free from PPR.

- b) Manpower shortages in States can be met by incentivizing vaccinators and using Prani mitras / Pashu sakhis / Prani bandhus etc., besides government veterinary services (VS).
- c) Animal identification shall be made using ear tags and registration on INAPH module as done in National Animal Disease Control Programme for FMD and Brucellosis (NADCP). These would be pre-requisite for any transaction involving small ruminants, including movement of animals across State/UT administrative boundaries.
- d) Surveillance mechanism shall be strengthened by ensuring compulsory reporting of clinical cases by State Veterinary Services. Also, ICAR-NIVEDI shall be responsible for epidemiology of PPR and its endemicity in pockets of the country so that adequate measures are taken.
- e) Awareness programmes shall be designed on the lines as done in NADCP in the States so that the beneficiaries are made aware of the threats of PPR, need for compulsory on-time vaccine, sustainable bio-security measures necessary to prevent spread of the disease amongst flock of sheep and goats.
- f) Formats of reports prior to start of vaccination, quarterly report of vaccination and on completion thereof as well as of outbreak statement are annexed as **Annexures 1A through 1D**, which will need to be submitted by State Implementing Agency.

3.1.2 Classical Swine Fever Control Programme (CSF-CP)

- a) CSF is enzootic in most of the pig producing States. The best possible remedial measure is vaccination of eligible animals. In view of the importance of the disease, causing huge loss to the piggery industry and small farmers, as well as the fact that piggery production has extended well beyond the NE Region, the dedicated control programme for control of CSF will be implemented as a national control programme to include all States / UTs for 100% effective coverage of the entire pig population under vaccination.

- b) CSF- CP will be implemented in the whole country with the target being 100% eligible pig population
- c) Manpower shortages can be met by incentivizing vaccinators using Prani mitras / Pashu sakhis / Prani bandhus, etc., besides government veterinary services (VS).
- d) To ensure vigil against occurrence of the disease, monitoring through active clinical surveillance shall be strengthened in conjunction with States / UTs. Reporting clinical cases by State VS is envisaged. Also, ICAR-NIVEDI shall be responsible for epidemiology of CSF and its endemicity in pockets of the country so that adequate measures are taken.
- e) Animal identification shall be made using ear tags and registering the animals on the INAPH module as done in National Animal Disease Control Programme for FMD and Brucellosis (NADCP). These would be pre-requisite in any transaction involving pig population, including animal movement across State/UT administrative boundaries.
- f) Awareness programmes shall be designed on the lines as done in NADCP in the States/UTs so that the beneficiaries are made aware of the threats of CSF, the need for compulsory on-time vaccine, sustainable bio-security measures necessary to prevent spread of the disease amongst the population.
- g) Formats of reports prior to start of vaccination, quarterly report of vaccination and on completion thereof, as well as of outbreak statement are annexed as **Annexures - 1A through 1D**, which will need to be submitted by State Implementing Agency.

3.2 Establishment and Strengthening of Veterinary Hospitals and Dispensaries (ESVHD) – Mobile Veterinary Units (MVU)

- a) In order to increase accessibility of veterinary services at farmer's doorsteps, funds for Mobile Veterinary Units (MVUs) will be provided to the States/UTs under this scheme for @ 1 MVU approximately for one lakh livestock population
- b) These MVUs will be customized fabricated vehicles for veterinary healthcare with equipment for diagnosis, treatment & minor surgery, audio visual aids and other basic requirements for treatment of animals. The vehicle would preferably be a four-wheeler van with space enough to accommodate required equipment for diagnosis

(microscope, portable X-ray machines, etc. wherever required), medicines, surgical equipment, sample collection and animal handling paraphernalia, working space for 1 veterinarian, 1 para-veterinarian and a driver-cum-attendant along with necessary equipment. A detailed indicative list of such support is enclosed at **Annexure 2C**. However, depending upon the terrain, the State/UT may propose alternate vehicles which suit the outreach.

- c) **Veterinary & public awareness paraphernalia** - The MVU will have equipment for sample collection like vials, vacutainers, syringes, small refrigerator/ vaccine carrier/ active cool box, medicines for treatment - including lifesaving drugs, antibiotics etc., cotton, bandages and minor surgery equipment. and audio-visual aids like microphones, amplifiers, charts/ photographs/ slides of diseases and importance of prevention etc., pamphlets announcing vaccination campaigns, small projector/ OHP, screen, if required etc.
- d) Each MVU will have one Veterinarian, one para veterinarian and one driver-cum-attendant
- e) The Mobile Veterinary Unit could run on PPP mode with the Government providing for the infrastructure but manpower is outsourced by Implementing Agency (including cooperatives and milk unions, etc.).
- f) These MVUs will provide veterinary services at the farmers' doorstep basis the phone calls received at the Call Centre from farmers of respective State/UT. The MVUs need to be positioned at strategic locations in order to minimize travel time and to provide service within targeted time.
- g) A State/UT level Call Centre should also be set up / aligned with the existing Call Centre in each State/ UT. Such Call Centers should be under the control of the State/ UT Animal Husbandry Department with a Nodal Officer nominated by the State. The Call Centre should function as the pivot whilst rendering the mobile veterinary services. It should receive calls from livestock rearers / animal owners and transmit them to the Veterinary doctor at the Call Centre. The decision of directing the MVU would be on the emergent nature of the veterinary case as decided by the Veterinary doctor at the Call Centre. The Call Centre should also be responsible for monitoring the movement and use of the MVUs. The Call Centre should also confirm actual services through the UID and mobile number of the animal owner and share the data with the State concerned. The Call Centre should also be responsible for communication with the

local Veterinary Surgeon for follow up treatment and registered local AI technician for AI. MVUs should also provide extension service through audio-visual aids contained in the MVUs to the local population so as to spread awareness of animal diseases, their prevention and control, requisite bio-security measures, economic advantages of livestock farming and efforts of the Government in this direction.

- h) Each State level Call Centre unit shall be constituted of 1 veterinarian and 3 call executives for around every 20 MVUs. For 100 MVUs, there will be 2 veterinarians along with 6 Call Executives and for additional each one hundred of MVUs, 1 veterinarian & 3 Call Centre executives will be required.
- i) There will be provision for Mobile Van customized for veterinary healthcare (equipment for diagnosis, treatment and minor surgery including audio-visual aids) (@ Rs.16.00 lakh / van). This non-operating cost (i.e. cost of MVU) would be through 100% central funding.
- j) The recurring cost for running of MVUs is pegged at @ Rs.18.72 lakh / MVU and Office expenses of running Call Centre will be @ Rs.5000/- pm for Call Centre consisting of 1 veterinarian & 3 Call Executives and an additional Rs.2000 pm for each addition of 1 Veterinarian & 3 Call Executives. These will be on a Center-State sharing basis as applicable (60-40 for all other states / 90-10 for NE & Himalayan States/ 100% for UTs).
- k) Both, the recurring and the one-time capital cost given (of MVUs) are indicative and is subject to the tendered rates. Flexibility for transfer of funds from one component to any other component is envisaged as per exigencies.

3.3 Assistance to States for Control of Animal Diseases (ASCAD)

- a) It will have activities for vaccination against economically important diseases of livestock and backyard poultry duly prioritized by the State/UT as per the disease(s) prevalence and losses to the farmers. Due relevance shall also be given to vaccination against zoonotic diseases like anthrax and rabies for which assistance shall be given to the States/ UTs as per proposals received from them.
- b) Another activity that has been prioritized is 'Control of Emergent and Exotic Diseases'. This activity includes surveillance and related activities to check ingress of exotic diseases as well as emergent / re-emergent livestock /poultry diseases. Assistance shall also be given towards ring vaccination to inhibit spread of disease

(in cases of disease outbreaks) as well as towards payment of compensation to farmers for culling of poultry birds, elimination of infected animals, destruction of poultry feed/eggs, including operational costs.

- c) A third activity under the ASCAD component is 'Research & Innovation, Publicity & Awareness, Training and allied activities. While Publicity & Awareness and Training, etc. are existing activities under the extant ASCAD component, 'Research & Innovation' on the other hand is a newly proposed activity. Under this activity it is envisaged that funds may be released to recognized private / public Institutions, other Ministries / Departments, etc. towards collaborations in research& innovations / trainings / capacity building / crisis management mock drills, etc.
- d) Grants-in-aid to Veterinary Council of India (VCI), expenses for election, legal, etc. in respect of VCI would continue to be funded under this component.
- e) Hiring Consultants, professional services, advertisement and publicity at headquarters will be with 100% central assistance under ASCAD.

4 PROGRAMME COMPONENTS, ACTIVITIES AND ROLES OF CENTRAL & STATE/UT GOVERNMENTS

4.1 Critical Animal Disease Control Programme

4.1.1 *Peste des Petits Ruminants* Eradication Programme (PPR-EP)

4.1.1.1 Role of Central Government -

- a) Funding for Animal identification through tagging (from NADCP)
- b) Funding for Cold chain infrastructure including ILRs, cold cabinets, vaccine carriers etc. (from NADCP)
- c) Funding for Vaccination cost including vaccine, accessories (needles, syringes, cotton, sterilizer, disinfectant etc.) - @ Rs. 4.50/animal (tentative)
- d) Funding for Vaccination and data uploading remuneration @ Rs. 2/dose (indicative). Remuneration may be revised as per ground requirement
- e) Funding for Cost of vaccines (either central procurement or through states/UTs), vaccination cost (accessories) subject to the tendered rates. Flexibility for transfer

of funds from one component to any other components is envisaged as per exigencies

- f) Funding IEC / Awareness - All blocks at Rs. 5000 / year
- g) Funding for Cost of consumables and facilitate sero-monitoring / sero-/clinical surveillance through ICAR Institutes, State laboratories – costs as per demand
- h) Support in training vaccinators wherever possible in cooperation with Rural Development Department, etc.
- i) Funding for De-wormer (through ASCAD/NADCP as per availability of funds)
- j) Share detailed SOPs for vaccination and other components including content for developing awareness/ publicity material
- k) Guidelines / SOPs for ensuring quality of vaccines and assisting designated laboratories including ICAR institute(s) concerned for quality control of vaccines, sero-monitoring/ surveillance as prescribed.
- l) Maintaining INAPH database/ arrange for ToTs for INAPH uploading
- m) Central Survey agency to monitor implementation from beneficiaries (provision under NADCP)

4.1.1.2 Role of State/UT / State Implementing Agencies (SIA)/ Livestock Development Board/ other Implementing Agencies (IAs)

- a) State/UT Action Plan drawn up in consultation with all relevant stakeholders to be submitted through concerned SIA
- b) States/UT to submit Annual Action Plan for carrying out vaccination covering 100 % of sheep & goat population along with previous utilization certificate (UC), physical & financial progress report
- c) States/UTs shall ensure manpower engaging using Prani mitras /Pashu sakhis / Prani bandhus; their training, and enrolment on INAPH
- d) Identification of target animals by ear tagging, registration and uploading data of tagging and vaccination in the Animal Health module of Information Network for Animal Productivity and Health (INAPH)
- e) Publicity and mass awareness campaigns at the State, block and village level including orientation of State functionaries for programme implementation
- f) Procure accessories well in time before commencement of actual vaccination
- g) States/UTs shall arrange for logistics like vaccine procurement / vaccine receipt and onward distribution at field level ensuring cold chain continuity

- h) Undertake deworming preferably one month prior to AVD
- i) Vaccinating the entire susceptible population of small ruminants (sheep and goats) on annual basis (mass vaccination against PPR) including nomadic sheep/goat population above 4 months of age and healthy, non-pregnant animals
- j) Maintaining records of vaccination
- k) Investigation, virus isolation and characterization during outbreaks in close cooperation with other Implementing Agencies (IAs) like ICAR institutes/ designated laboratories concerned to draw up proposals for sero-monitoring projects and collection of samples etc. and assisting them as required.
- l) Testing of pre-vaccination and post-vaccination samples or as prescribed in sampling plan by ICAR
- m) Recording / regulating animal movement through temporary quarantine / check-posts
- n) Generation of data and regular monitoring including evaluation of the impact of the programme
- o) Creation of emergency response team during outbreaks
- p) States/UTs to submit physical performance report along with outcome & output indicating disease outbreak status during the year

The indicative format for model annual State/UT action plan for PPR-EP is annexed at **Annexure – 1.**

4.1.2 Classical Swine Fever Control Programme (CSF-CP)

4.1.2.1 Role of Central Government -

- a) Funding for Animal identification through tagging (from NADCP)
- b) Funding for Cold chain infrastructure including ILRs, cold cabinets, vaccine carriers etc. (from NADCP)
- c) Funding for Cost of vaccine (either central procurement or through State)
- d) Funding for Vaccination accessories cost (needles, syringes, cotton, sterilizer, disinfectant etc.)
- e) Funding for Vaccination cost including vaccine, accessories - @ Rs. 32.50 / dose (indicative)
- f) Funding for Vaccination and data uploading remuneration @ Rs. 2 / dose (indicative)

- g) Cost of vaccines, vaccination cost (accessories) and subject to the tendered rates. Flexibility for transfer of funds from one component to any other components is envisaged as per exigencies
- h) Funding for IEC / Awareness - @ Rs.5.00 lakh per State / UT annually
- i) Funding for Strengthening of laboratories – @ Rs10.00 lakh for non-recurring cost and Rs.3.00 lakh for recurring costs per State/UT annually
- j) Support in training vaccinators wherever possible in cooperation with Rural Development Department, etc.
- k) Funding for De-wormer (through ASCAD/NADCP as per availability of funds)
- l) Share detailed SOPs for vaccination and other components including content for developing awareness/ publicity material
- m) Guidelines/SOPs for ensuring quality of vaccines and assisting designated laboratories including ICAR institute(s) concerned for quality control of vaccines, sero-monitoring / surveillance as prescribed.
- n) Maintaining INAPH database/ arrange for ToTs for INAPH uploading
- o) Central Survey agency to monitor implementation from beneficiaries (provision under NADCP)

4.1.2.2 Role of State Government / UT / State Implementing Agencies (SIA) / Livestock Development Board / other Implementing Agencies (IAs)

- a) State/UT to identify and designate suitable agency as SIAs/ LDBs (preferably same as in NADCP) who shall further develop guidelines for implementation of Scheme delineating roles and responsibilities of all functionaries at different levels
- b) States/UTs will be responsible for procurement /receipt of vaccines, procurement of accessories (syringe, needles, gloves, mask etc. for use in vaccination), payment of remuneration to vaccinators, uploading data on INAPH, sero-monitoring and surveillance as prescribed, strengthening of laboratories, awareness campaigns & training, etc.
- c) States/UTs / SIAs to submit Annual Action Plan in consultation with relevant stakeholders for carrying out vaccination covering 100 % of pig population along with previous utilization certificate (UC), physical & financial progress report
- d) States/UTs will conduct awareness campaign for implementation of CSF-CP in their respective State/UT. The awareness campaign may include advertisement on radio, local newspaper, wall writings, banners, announcements, etc.
- e) States /UTs will procure accessories timely as per their action plans

- f) States/UTs will arrange for logistics like vaccine procurement / vaccine receipt and onward distribution at field level ensuring cold chain continuity
- g) States/UTs shall undertake deworming preferably one month prior to AVD
- h) Vaccinating the entire susceptible population of pig population above 3 months of age and healthy, non-pregnant animals
- i) The details of vaccination are to be uploaded on the INAPH portal
- j) States/UTs will identify their respective laboratories to be used for sero-monitoring / surveillance and the same will be strengthened to enable carrying out necessary tests for CSF during the implementation of this programme
- k) Testing of pre-vaccination and post-vaccination samples
- l) Generation of data and regular monitoring including evaluation of the impact of the programme
- m) Creation of emergency response team during outbreaks
- n) States/UTs to submit physical performance report along with outcome & output indicating disease outbreak status during the year

The indicative format for model annual State action plan for CSF-CP is annexed at **Annexure – 1.**

4.2 Establishment and Strengthening of Veterinary Hospitals and Dispensaries (ESVHD) – Mobile Veterinary Units

4.2.1 Role of Central Government -

- a) Providing Non-recurring Funds for Customized Mobile Van for veterinary healthcare (@ Rs.16.00 lakh / van) – 100% central assistance
- b) The recurring cost for running of MVUs is pegged @ Rs.18.72 lakh / MVU and Office expenses of running Call Centre will be @ Rs.5000/- pm and an additional Rs.2000 pm for each additional Veterinarian & 3 Call Executives. These will be on a Center-State sharing basis as applicable (60-40 for all other states / 90-10 for NE & Himalayan States/ 100% for UTs).
- c) Both, recurring and the one-time capital cost given (of MVUs) are indicative and is subject to the tendered rates. Flexibility for transfer of funds from one component to any other component is envisaged as per exigencies.

4.2.2 Role of State Government / State Implementing Agencies (SIA) / Livestock Development Board / other Implementing Agencies (IAs) -

- a) Each State/UT/ SIA/LDB shall send action plan as per format in the guidelines.
- b) State shall provide for State share for the recurring costs and set up State Nodal Agency (SNAs) as per guidelines for the centrally sponsored component

- c) Each State/UT will establish a Call Centre having call executives and veterinarians. The Call Centre unit shall be constituted of 1 veterinarian and 3 call executives for every 20 MVUs. For 100 MVUs, there will be 2 veterinarians along with 6 Call Executives and for additional each hundred MVUs, 1 veterinarian & 3 Call Executives will be required
- d) Veterinary services like treatment, minor surgeries, de-worming, dressing, dehorning, pregnancy diagnosis, dystocia, vaccination, artificial insemination, etc. will be provided
- e) Animal owner / family could call on the designated number of the Call Centre. Call Centre Executive will collect information from caller and will enter in the system. The system will generate a unique ID for each case. The veterinarian at the Call will prioritize the cases. The calls will be followed up with the identified vehicle and the available MVU will be deployed (expected time of arrival automatically displayed in the system) to the caller's place. Veterinary Doctor / para-veterinarian will provide the necessary veterinary service
- f) Call Centre veterinarian will take a call on escalation from Call Executives or AI technician or MAITRI or para veterinarian for online advice
- g) AI technician or MAITRI shall log into the system every day before 9:30 AM indicating their availability for delivery of service on that day
- h) Government Veterinary institutions providing services to callers who are located within 2 Km radius identified by the State Animal Husbandry Department (Nodal Officer) shall log into the system every morning indicating the timing of availability of service in that institution on that day. If the caller is from such villages, the Call Centre shall request caller to approach that particular institution for service. In case of emergencies, Mobile Veterinary Unit, comprising of the veterinarian, shall be dispatched.
- i) Each and every case attended by AI technician or MAITRI and/or the Mobile Clinic shall give their closure report immediately after the service is rendered and shall return to their base location as decided by the State. This shall close the call cycle.
- j) State / UT may, however, decide dispatching the MVU on a certain route to supplement routine treatment, awareness campaign and other services, if

adequate emergency calls are not received / anticipated, for optimal utilization of mobile veterinary services.

- k) State/UT shall submit financial/ physical performance report as per requisite format.
- l) The model annual State/UT action plan for MVU-ESVHD is annexed at **Annexure - 2**. Formats of quarterly report of MVUs on delivery of veterinary service at farmer's doorstep are annexed at **Annexure - 2A**. The tentative recurring costs for MVU and Call Centre may be seen at **Annexure – 2B**.

4.3 Assistance to States for Control of Animal Disease (ASCAD)

4.3.1 Vaccination against economically important livestock and poultry diseases

- a) States/UTs will submit their respective requirement for release of funds basis prevalence of economically important diseases in their respective State/UTs for release of central share in the indicative format for action plan for implementation of ASCAD, annexed at **Annexure – 3**
- b) Ring vaccination against emergent or exotic diseases will also be considered under this vaccination programme
- c) State will ensure availability of corresponding State share so that release of central share may be utilized effectively in time

4.3.2 Surveillance and Monitoring of important livestock and poultry diseases

- a) In order to control livestock & poultry diseases, surveillance and monitoring of diseases are essential. The country is free from diseases like CBPP and BSE. In order to maintain freedom status of these diseases each country has to submit a dossier every year to OIE. The dossier is prepared on the basis of the inputs provided by the states. The activities which were being taken under NPRSM are to be taken up now under ASCAD. The funds provided under the component has to be utilized for TA/DA & POL/material collection and dispatch of samples to the designated laboratories:
 - (i) Physical surveillance in case of CBPP – village search, stock route search and institutional search on the lines of Rinderpest.
 - (ii) Collection and dispatch of samples in case of BSE - The brain samples from bovines are to be collected and sent to the designated laboratories for testing.

- b) As activities of “NADRS”, a component of the earlier LH & DC Scheme, has now been merged with the ASCAD component, States/UTs will continue to report incidences of livestock & poultry diseases as earlier, periodically, for reporting to OIE and financial assistance will now be provided under the “strengthening of disease diagnostic laboratories”, a component of ASCAD.

4.3.3 Control of emergent & exotic livestock and poultry diseases (100%)

- a) For strengthening disease control, State Biological Production Units to comply with Good Manufacturing Practices (GMP) and disease diagnostic laboratories to comply with Good Laboratory Practices (GLP), requires attention. The State/UT Government Disease Diagnostic Laboratories are to be strengthened in terms of infrastructure as well as availability of funds to meet recurring & non-recurring expenditures.
- b) State Animal Disease Diagnostic Laboratories will be provided financial assistance for carrying out surveillance for emergent or exotic animal diseases. Routine collection of serum/ sample materials for surveillance work and activities against exotic and emergent diseases including Avian Influenza, BSE, Glanders, PRRS, etc.
- c) In case such incidences / outbreaks are observed, the State/UT will initiate prompt action for all control measures as per advisories including culling & elimination of infected birds/animals and destruction of feed/eggs cost for which financial assistance will be provided by the Centre to meet the expenses on compensation to farmers and operational cost

4.3.4 Research & Innovation, Publicity & Awareness, Training etc.

- a) Research & Innovation (100%) - ICAR Institutes/other institutes will be provided financial support to carry out desired activities under research and innovations in the field of animal health
- b) Publicity & Awareness - All States/UTs will emphasize on publicity & awareness programmes at block level for creation of awareness of the farmers about the animal disease control programmes of the government, risk of zoonotic diseases
- c) States/UTs will provide/arrange for continuous veterinary education (CVE) programmes for trainings of veterinarians, para veterinarians, others / training of trainers, training of laboratory diagnostic specialists / mock drills for bird flu, etc.
- d) Grants in aid for VCI
- e) Engaging Consultants – 5 at HQ for assisting in implementation of LH & DC programme

The indicative format for Action Plan for implementation of ASCAD is annexed at **Annexure – 3.**

4.3.5 Role of Central Government -

- a) Livestock and Poultry vaccination (60-40 for all other states / 90-10 for NE & Himalayan States / 100% for UTs)
- b) Vaccines and vaccination costs including deworming (60-40 for all other states / 90-10 for NE & Himalayan States / 100% for UTs)
- c) Control of Emergent & Exotic Diseases (60-40 for all other states / 90-10 for NE & Himalayan States / 100% for UTs)
 - (i) support to State DDLs/ BPU's
 - (ii) Surveillance- as per demand
 - (iii) compensation - @50% as per demand
- d) Research & Innovation (100% Central assistance) - as per demand

4.3.6 Role of State Government/ State Implementing Agencies (SIA)/ Livestock Development Board/ State Government/ other Implementing Agencies (IAs) -

- a) State/UT/ SIA to send action plan as per format given in these guidelines
- b) State to provide for State share for the recurring costs
- c) States/UTs shall ensure manpower engaging using Prani mitras / Pashu sakhis / Prani bandhus; their training, etc.
- d) States/UTs shall arrange for logistics like vaccine procurement / vaccine receipt (in case of central procurement) and onward distribution at field level ensuring cold chain continuity
- e) Procure accessories timely as per their action plan
- f) Undertake de-worming wherever applicable
- g) Ensure vaccination on-field
- h) Coordination with other Implementing Agencies (IAs) like ICAR institutes/ laboratories concerned to draw up proposals for surveillance and collection of samples
- i) Recording/regulating animal movement through temporary quarantine/ check-posts
- j) Creation of emergency response team during outbreaks; coordinate in investigation, virus isolation and characterization during outbreaks
- k) Submit financial/ physical performance report along with outcome & output indicating disease outbreak status during the year

4.4 Activities requiring effective linkages -

Vaccine and Vaccination - In order to obtain the desired immunity by vaccination against diseases viz. PPR, CSF and other economically important diseases of livestock & poultry, activities like deworming of livestock & poultry, supportive medicine and vitamin & mineral supplements will also be taken care of under NADCP/ASCAD by providing financial assistance to States/UTs. Deworming before vaccination will help to get better immune response. Deworming shall be done twice a year, preferably with the vaccination programme, but 3-4 weeks before such vaccination.

For working out the vaccine requirement and vaccination schedule district-wise as well as their timelines for this activity, the indicative format for model annual State action plan for PPR-EP and CSF-CP at **Annexure - 1** shall be referred to.

List of indicative items/components for financial proposals under PPR-EP/ CSF CP are annexed at **Annexure – 1F** which will have to be sent by State Implementing Agency as part of State Action Plan.

The procurement of vaccines/ anthelmintics shall be done by the State/UT Implementing Agencies/ Livestock Development Boards preferably through GeM or by tendering, following all the codal / legal provisions and Financial Rules and Regulation.

4.5 **Animal Identification** 100% central assistance shall be provided to NDDDB and the State/UTs for capturing data of tagging and vaccination through Animal Health Module of INAPH and ear tagging, respectively.

The envisaged outcome of implementation of Animal Health Module of INAPH is to ensure traceability of all the animals that have been ear tagged and registered including generation of area-wise data on the percentage of vaccination coverage. Animals which are already tagged under different schemes, but under INAPH module, will not be tagged again.

Information Network for Animal Productivity and Health (INAPH) portal of National Dairy Development Board (NDDDB): This portal shall serve as the central database for animals registered uniquely on INAPH. 100% central funding would be provided to NDDDB for registering the animals (vaccinated) and maintaining the INAPH database. Liaison of INAPH with the Call Centre set up centrally will enable verification of implementation of the programme at the ground level under NADCP.

4.6 Publicity and awareness

Wide publicity about the programme shall be given in such a way so that the message of importance of vaccination, disease control and prevention reach the target beneficiaries. Emphasis shall be given on the economic impact of livestock health on the rural economy. Both print and electronic media such as television, radio, community radio, newspapers-posters-leaflets-wall painting-banners etc., shall be used both for general awareness and for awareness of the incoming vaccination campaign, especially, vaccination dates, movement control of animals, importance of disease etc. Sensitization of the stakeholders is important for the success of the programme. Private agencies/ State Cooperatives/ NGOs may also be utilized for implementing change behavior strategies in the communities.

4.7 Sero-monitoring, sero-/ clinical surveillance, Vaccine testing etc.

The designated/ identified Central/ State/ ICAR/ University laboratories will carry out sero-monitoring, sero-/ clinical surveillance and vaccine testing, wherever required. The detailed SOPs for quality control of vaccines etc. will be worked with subject matter specialists and shared with the relevant stakeholders. The details of formats for collection and submission of samples for sero-monitoring are annexed at **Annexure 1E** which will have to be filled up by State Implementing Agency after collection of all samples for sero-monitoring for a particular district.

4.8 Convergence of components of LH&DC and NADCP

Under National Animal Disease Control Programme (NADCP), cold chain infrastructure in States/UTs are being strengthened. This is not only meant for FMD and Brucella Vaccines but this infrastructure may be used for other vaccines including PPR and CSF vaccines.

Similarly, deworming may be followed and for deworming also, resources will be pooled/ drawn from NADCP/ ASCAD.

The facility for concurrent monitoring through the central survey agency for verifying from farmers, the vaccination done etc. for NADCP currently will also be extended for PPR and CSF vaccination.

5. CENTRAL-STATE FUND SHARING PATTERN

5.1 Critical Animal Disease Control Programme

5.1.1 PPR Eradication Programme (PPR-EP)

100% central assistance to States/UTs would be provided for cost of vaccines, accessories for vaccination, remuneration to vaccinators, strengthening of laboratories, recurring expenditure for laboratory consumables, sero-monitoring, surveillance and IEC / awareness campaigns, etc.

5.1.2 Classical Swine Fever Control Programme (CSF-CP)

100% central assistance to States/UTs would be provided for cost of vaccines, cost of accessories for vaccination including remuneration to vaccinators, strengthening of laboratories, recurring expenditure for laboratory consumables, surveillance and sero-monitoring, IEC / awareness campaigns, etc.

5.2 Mobile Veterinary Unit (MVU) under ESVHD

Under this component, 100% central assistance is proposed for the non-recurring expenditure on the customized mobile van / vehicle for providing veterinary healthcare and which is fully equipped with equipment for diagnosis, treatment, surveillance sample collection, for performing minor surgery, as well as for audio-visual aids for extension activities.

The recurring expenditure on running (operating) the mobile vans / vehicles (MVUs), Call Centre and the outsourced manpower services shall however have a Central-State fund sharing pattern of 60-40 for all other states /90-10 for NE & Himalayan States /100% for UTs.

5.3 Assistance to States for Control of Animal Disease (ASCAD)

This component shall have a Central-State fund sharing pattern of 60-40 for all other states /90-10 for NE & Himalayan States / 100% for UTs. However, for the activity 'Research & Innovation, Publicity & Awareness, Training and allied activities', 100% central assistance would be provided. The grants-in-aid to Veterinary Council of India (VCI) and expenses for the headquarters (election expenses, legal expenses, etc.), which was funded earlier under the Professional Efficiency Development (PED) component of the extant LH & DC scheme, would now be continued in the present LH & DC scheme under the ASCAD component. Further, provision for hiring consultants, professional services and advertisement and publicity would be made with 100% central assistance under this component.

6. IMPLEMENTATION AND MONITORING

6.1 Procedure for implementation -

The State/UT shall submit proposal to the Department of Animal Husbandry and Dairying (DAHD) through their State Monitoring Unit (SMU) after due approval of the Chairman, SMU.

While submitting proposal to the DAHD, the SMU should ensure that the proposal is complete in all respects and should also attach along with the proposal the Financial and Physical Progress Report and Fund Utilization Certificate as per format GFR-12A [Under Rule 238(1)] of GFR 2017 in case of funds released to SIA and as per format GFR-12C [under Rule 239] in case of funds released to the State, in either case, duly approved and countersigned by the Secretary, AH Department cum Chairman, SMU.

The proposal once received by the DAHD shall be appraised by the division and then same shall be put before the National Steering Committee for approval and consideration for release of funds.

After getting funds released from the Central Government, the State Monitoring Unit shall regularly submit Monthly Progress Reports by the 5th of every month.

6.2 Monitoring –

6.2.1 National Level -

- a) Monitoring of the scheme shall include National Steering Committee (NSC) headed by Secretary, Department of Animal Husbandry and Dairying (DAHD). The NSC will comprise of the following (in line with NADCP) -

Secretary, Department of Animal Husbandry and Dairying (DAHD)	:	Chairperson
Financial Adviser, DAHD	:	Member
Animal Husbandry Commissioner, DAHD	:	Member
Deputy Director General (Animal Science), ICAR	:	Member
Joint Secretary (LH), DAHD	:	Member
Principal Secretary/ Secretary, Department of Animal Husbandry from participating States	:	Member
Director, CSSNIAH, Baghpat	:	Member
Joint Commissioner (LH)	:	Member Secretary

- b) NSC will oversee activities of the LH&DC Scheme, give overall direction and guidance, monitor and review its progress and performance.

- c) NSC will be empowered to lay down and amend operational guidelines, other than those affecting financing pattern. NSC will be responsible for approval of State Action Plans for funding under LH&DC scheme received from IAs/States. Projects will be appraised by DAHD officials before putting them to the NSC for approval.
- d) NSC would have powers to modify physical and financial targets based on review, approve inclusion and change eligibility criteria for Implementing Agencies and other guidelines including project area, composition of NSC, component structure and re-appropriation proposals. NSC will be fully empowered to make changes and delegate powers necessary for smooth implementation of the Programme. This Committee will meet twice a year or as frequently as may be required. The Chairman of NSC will have powers to approve the aforementioned conditions and adjustments to the scheme in anticipation of approval of NSC, in case the next meeting of NSC is delayed.

Internal Monitoring –

- e) It shall be done through frequent review meetings at all levels and submission of monthly reports to the next higher authority culminating with the DAHD, GOI.

6.2.2 State /UT level –

6.2.2.1 State Monitoring Unit (SMU) - State / UT Department of Animal Husbandry shall monitor the programme through State/UT Monitoring Units to be headed by the Principal Secretary / ACS/ Secretary of the Department of Animal Husbandry of the State / UT concerned, as Chairman of the SMU. The SMU may co-opt any other member(s) as deemed necessary from State / UT government agencies / departments and Panchayati Raj Institutions for effective implementation of the programme. The Commissioner/ Director, Animal Husbandry Department shall function as the Member Secretary of the SMU.

SMU shall monitor and review progress and performance of all activities of the scheme. Chairman of SMU is empowered to approve the Annual Action Plans submitted by the State Government and forward them to the Central Government for sanction/ release of funds

SMU shall oversee and finalize the process related with scheduling the vaccination and other logistics required for vaccination and ensure that all vaccine doses and logistics are available before the start of the vaccination round. It will ensure arranging for accessories, logistics, cold chain continuity of vaccines, trained manpower, awareness creation, ensure diagnostic facilities at all laboratories engaged in the sero-monitoring/ surveillance work, regulate movement of animals wherever required, liaison with concerned ICAR laboratories / ICAR-NIVEDI, etc. for sero-monitoring/ surveillance, SMU shall evaluate

impact of programme and constant review of the progress of project, SMU shall submit the vaccination/ ear-tagging daily reports and any other progress report of vaccination to GOI as per prescribed format

SMU shall ensure recording details of vaccinated animals and informing such vaccination to animal owners.

SMU shall ensure strict compliance of the provisions under Prevention and Control of Infectious and Contagious Diseases of Animals Act, 2009 and rules thereunder, either notified by Central Government or framed by the State Governments as empowered by the various provisions of the Act for effective implementation of the disease control programme.

6.2.2.2 District Monitoring Unit (DMU) - The DMU shall be headed by the District Magistrate as Chairman of the DMU. It may co-opt any other member(s) as deemed necessary from other State/UT government agencies/ departments and Panchayati Raj Institutions for effective implementation of the programme. Joint Director / Deputy Director / District Veterinary Officer, Animal Husbandry Department shall be the Convener of the District Monitoring Unit (DMU).

The DMU, as the main executive unit in the entire implementation programme in the district, shall be responsible and ensure that required vaccines and requisite logistics for vaccination including manpower for vaccination, accessories, cold chain infrastructure, vaccine carriers are in place well before the start of the vaccination programme; ensure execution of vaccination in the entire district as per schedule and prescribed procedures, collection of sera samples for sero-monitoring, to ensure vaccinated animals to be registered in INAPH animal health module database, animal identification and documentation; investigate any suspected outbreak and arrange to send specimens for laboratory confirmation, training of staff engaged in vaccination / programme well before the start of the programme and should prepare calendar of operation with the help of District Animal Husbandry Officer and Block Officers; ensure mass education/awareness campaign on PPR amongst livestock farmers emphasizing on the economic impact of the diseases and benefits likely to accrue due to preventive vaccination of their animals as well as reporting the disease timely in case of its suspicion/occurrence in the district. DMU shall compile epidemiological information and data of vaccination programme and various reports and submit to SMU as per the schedule.

DMU with the help of District Polyclinic shall co-ordinate with respective Disease Investigation Laboratories to send suitable samples of suspected material, collect vaccination sera samples for sero-monitoring, wherever required etc.

6.2.2.3 Block Monitoring Unit/ Block Veterinary Officer (BVOs) shall provide information about the control programme, its importance and impact to the villagers through discussion, leaflets, pamphlets, posters, visual aids during training and awareness programmes, etc.; ensure reporting any unusual health status of animals, particularly for reportable diseases; in case of suspicion of outbreak or confirmation of PPR outbreak, BVO shall implement all necessary control and containment measures immediately and also report the suspected/ confirmed outbreak, sending of samples to designated laboratories in case of suspected diseases, ensure ear tagging and that ear tagging personnel are well-trained; supply of vaccine to field officers as per the schedule of vaccination, appropriate disposal of used/ waste materials or any other bio-medical waste generated also need to be ensured by the BVO etc. Monitoring through PRIs for ensuring accountability may be done.

6.2.3 Concurrent Monitoring (through Survey Agency) –

The Call Centre set up at DAHD and States/ UTs shall be responsible for monitoring implementation of the various components of programme on the ground by calling up beneficiaries (livestock owners) over the telephone and ascertaining vaccination details vis-à-vis their livestock. The Call Centre shall liaise with NDDDB (w.r.t. the INAPH portal) and the SMUs with regard to data of the livestock owners (UID and mobile telephone numbers collected during vaccination /ear tagging and registration on INAPH).

6.2.4 State ranking for devolution of funds under LHDCP

The funds under LHDCP shall strictly be regulated as per the performance of various activities undertaken by the States /UTs, the major indicators would be as under:

- Priority to the States having large number of livestock population and the international bordering states
- Unspent balance and accrued interest return
- Physical Performance of activities in terms of financial outgo
- Control and containment of diseases and timely reporting of outbreaks and control thereof;
- Tagging and registration of animals on INAPH timely
- Updating of data on Integrated Reporting System for various vaccination viz. FMD, Brucellosis, PPR, CSF; their sero-monitoring and sero-surveillance etc.

7.0 FUND FLOW MECHANISM

The 100% Centrally funded components shall be disbursed to Implementing Agencies (SIAs, Research Institutes, etc.) and Centrally sponsored funds (with State share) shall be

disbursed to State /UT, through Public Finance Management System (PFMS) of Government of India.

<p>Central sector components</p> <p>Funds to be disbursed for all the components of Scheme with 100% grant-in-aid basis – for entire PPR-EP, CSF-CP, one-time Capital assistance for Mobile Van under ESVHD-MVU, research & innovation, publicity & awareness, trainings of Veterinarians, Para-veterinarians / Training of Trainers / Training of veterinary professionals (CVE)</p>	<p>Centrally Sponsored Components</p> <p>Funds to be disbursed for i) immunization of livestock & poultry vaccines and vaccination cost under ASCAD ii) Surveillance and compensation costs for control of emergent & exotic diseases under ASCAD iii) strengthening of Disease Diagnostic Laboratories and Biological Production Units for disease diagnosis, surveillance related activities and production of vaccines, kits etc. under ASCAD and iv) recurring expenditure on running the mobile vans / vehicles, call centers and the outsourced manpower services under ESVHD-MVUs</p>
<p>Implementing Agencies (IAs) - State Livestock Development Boards* / State Implementing Agencies* / Central Institutes like CCS-NIAH, National Dairy Development Board/ Indian Council of Agricultural Research ICAR and its Institutes / Central Universities, Veterinary Council of India (VCI), etc.</p>	<p>State / UT through designated State Nodal Agencies</p>
<p>Disbursement of funds:</p> <p>SIAs /IAs shall disburse the funds through PFMS for implementation and keep account of the funds, provide appropriately signed Utilization Certificates, remit interest accrued etc. Manpower is to be outsourced by Implementing Agency, wherever required.</p>	<p>Disbursement of funds:</p> <p>The funds for Centrally Sponsored Components of the LH&DC Scheme will be released to the State Government's RBI Account. Thereafter, the State Government need to transfer the fund to the Account of the State Nodal Agency within 21 days and the State Share to be released within 40 days. Detailed procedure for handling of fund for CSS Scheme may be followed as per extant Department of Expenditure, Ministry of Finance Guidelines.</p> <p>The major action points on part of States are as under:</p> <p>a) States have to designate SNA for LH&DC scheme (Centrally Sponsored components)</p>

	b) States have to open Single Nodal Account of SNA and map it in PFMS c) States have to open zero balance subsidiary accounts of the IAs down the ladder d) States have to deposit 100% of the amount balance in the account of IAs in the Single Nodal Account of SNA e) IAs have to be registered on PFMS f) States have to open separate budget lines for central and State share of the CSS
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* States/UTs may preferably retain the SIA/SLDB (as under NADCP) to ensure smooth flow of funds for 100% central sector components of LH&DC scheme

SIAs/ IAs/ State/UTs Government Scientific and/or Research Institutes, etc., are to follow the codal and legal provisions of the GFR 2017 and enroll themselves in the PFMS. They shall book funds through PFMS following the Expenditure, Advance and Transfer (EAT) module. To familiarize themselves with the EAT module, the following link may be visited: <http://dst.gov.in/sites/default/files/EAT%20-%20FilingAllmoduleFinal.pdf>.

To ensure smooth flow of funds under 100% central sector components of LH&DC scheme from the centre, States/UTs **may retain** the State Implementing Agency (SIA) as done under National Animal Disease Control Programme (NADCP), as the latters' bank accounts are already mapped under PFMS.

8.0 **EVALUATION**

Evaluation of the programme at the end of two years (2023-24) and five years (2026-27) would be carried out by an independent third-party agency. The programme shall also be subject to audit as per extant Government of India procedures.

Annexures

MODEL ANNUAL STATE ACTION PLAN FOR PPR-EP and CSF-CP

- **Name of the Implementing Agency-**
- Address -
- Telephone No. and fax No. -
- Email ID of the HOD -
- **Nodal officer–**

(All animals in the district to be covered in one schedule for each disease)

S#	Name of District	Population			No. of doses required for vaccination			Expected vaccination start date		Expected vaccination end date	
		Goat	Sheep	Pigs	Goat	Sheep	Pigs	PPR	CSF	PPR	CSF

1. **Tagging requirement – as mentioned in NADCP guidelines**
2. **Deworming – covered under ASCAD/NADCP**
3. **Total manpower requirement:**

(Details regarding requirement of vaccinators for carrying out vaccination)

Total manpower requirement for vaccination should be identified 15 days before AVD

S. no.	Name of Districts	No. of animals to be covered under vaccination		Total manpower required for vaccination	Manpower available for vaccination	Shortage / gap of vaccinators	Hiring/ outsourcing of manpower
1.		Sheep, Goats	Pigs				
2.							
Total							

4. **Activities to be taken up for public awareness –** (Details of proposed awareness programmes, viz. wall writing / banners / Posters / Audio-visuals / Radio advertisement, etc. at State / District / Block / Village level)

State	Wall writing	Audio-visuals including films	Radio advertisement	Posters	Banners / Hoardings	Public Announcements and distribution of pamphlets
	1 month before AVD	1month before AVD	1month before AVD	1month before AVD on State transport buses, etc.	1month before AVD	-

State	Wall writing	Audio-visuals including films	Radio advertisement	Posters	Banners / Hoardings	Public Announcements and distribution of pamphlets
District	-do-	15 days before AVD	-	1 week before AVD	1 week before AVD	-
Block	-do-	-do-	-	-do-	-do-	
Village	-do-	-do-	-	-do-	-do-	2 days before AVD

*AVD- Actual Vaccination Date

5. Procurement procedure and supply of accessories: [Details about the procurement procedure to be followed to procure logistics for vaccination viz. vaccine (if procured by States/UTs), needle and syringes, gloves, apron, etc.]

Items	Date of tender (to be at least 90 days before AVD)	Supply order (to be at least 60 days before AVD)	Date of expected actual availability to be at least 15 days before AVD		
			At State	At District	At Block
1) Vaccine (if procured by States/UTs): a) PPR vaccine b) CSF vaccine					
2) Needles and syringes					
3) Gloves					
4) Apron					
5) Discard bags and other accessories					

6. Supply and distribution plan for vaccines

Items	Date of expected actual availability (supply and distribution) *		
	At District	At Block	At village (Institution)
PPR Vaccine			
CSF vaccine			

7. Monitoring and Supervision Plan for PPR-EP/ CSF-CP (Details of plans to monitor vaccination, cold chain maintenance at the field level)

- i. Establish Call Centre (to be established by State at least 7 days before AVD)
- ii. Monitoring by State Nodal Officer for each district (during and after vaccination - at least 2 visits during vaccination)
- iii. Vaccination to be supervised by Block Veterinarian
- iv. Vaccinators to register name, UID (Aadhar no.) / Mobile no. of animal owner at the time of vaccination

Format of Report prior to start of PPR/ CSF Vaccination

1. State/UT 2. Name of vaccination: PPR/ CSF 3. Date of reporting 4. Phase														
S. no.	Name of District	Doses			Animal Identification				Logistics					
		Total No. of doses of vaccine required for round as per population	Total No. of doses of vaccine available from the previous round of vaccination	No. of doses of vaccine required for next round (after deducting balance)	Target Animal Population	Tags available with States/UTs	Additional tags required	Expected start date of tagging	Targeted animal population	Expected start date	Expected completion date	No. of vaccination teams in districts	Identification of animals for sera collection	Proposed publicity campaign
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Signature Name & address of the Reporting Officer														

Format of quarterly Report on vaccination under PPR-EP/ CSF CP

		1. State/UT 2. Name of vaccination: PPR / CSF 3. Date of Reporting 4. Period under report 5. Phase										
Sl. No.	Name of District	Livestock population to be tagged	Livestock population to be vaccinated (Species wise details)	Details of Progress								
				No. of animals vaccinated during the period under report	Progressive total of animals vaccinated	% coverage in current round	Wastage (No. of doses)	Balance doses of vaccination at end of the day/ period	No. of animals tagged during the day/ period under report	Progressive total no. of animals tagged	No. of sera samples collected during the day/ period (village-wise details)	Progressive total of No. of sera samples collected
1	2	3	4	5	6	7	8	9	10	11	12	13
		<div style="text-align: right;">Signature</div> <div style="text-align: right;">Name & address of the Reporting Officer</div>										

Format of Report on completion of vaccination for PPR/CSF

1. State/UT 2. Name of vaccination: <u>PPR/CSF</u> 3. Date of Reporting 4. Period under report 5. Phase														
Sl. No.	Name of District	Targeted animal population	Vaccination						Doses				Manpower Utilization	
			No. of animals tagged	No. of animals vaccinated	No. of pre-vaccination sera samples collected	No. of post vaccination sera samples collected	Start date	Completion date	No. of doses of vaccine available at the beginning of vaccination	No. of doses received for current phase	Total doses	No. of doses at balance	No. of teams for vaccination	No. of man days to complete the programme
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Signature Name & address of the Reporting Officer														

Format of Outbreak Statement

(To be sent after recovery of outbreak)

1) State/UT:

2) District:

3) Taluka:

4) Village:

5) Outbreak Details:

6) Date of Report:

7) Date of 1st case Noticed:

8) Date of last case Noticed:

9) Animal Population:

Sheep	Goat	Pig

10) Number of animals vaccinated before outbreak:

11) Vaccine Manufacturer:

12) Batch number of vaccines used:

13) Number of animals affected:

Details	Sheep	Goat	Pig
Vaccinated			
Unvaccinated			

14) Severity of disease: Severe /mild / Moderate:

15) Number of samples collected during outbreak:

16) Virus Typing result:

17) Source of infection:

18) Details of Economic losses due to:

(i) Treatment:

(ii) Death of animals:

(iii) Production losses:

(iv) Any other:

18) Measures taken to control the outbreak:

19) Any other relevant information:

Signature

Name & address of the Reporting Office

Annexure – 1E

INDICATIVE FORMATS FOR SEROMONITORING

1. Sero-monitoring - details of collection of samples

S. no.	District	No. of villages selected for sample collection	No. of samples to be collected		
			0 day (Pre-vac)*	30 day (Post-vac)	Total

* if required, as per sero-monitoring plan

2. Format for submission of samples for sero-monitoring under PPR-EP/ CSF-CP

State/UT:			District:			
Taluka:			Village:			
Name of vaccination: PPR / CSF						
Round of vaccination:						
Vaccine manufacturer:						
Batch number of vaccines:						
Date of expiry:			Date of vaccination:			
Date of sample collection:			Pre / Post:			
Details of samples:						
No.	Farmers Name	Sample ID	Tag No.	Sex M/F	Animal Type	Age in years
1						
2						
3						
4						
5						
-						
Signature Name & address of the Reporting Officer						

Note: Clinical/sero-surveillance sampling report will be indicated separately, if required.

LIST OF INDICATIVE ITEMS/COMPONENTS FOR FINANCIAL PROPOSALS UNDER PPR-EP/ CSF CP

S. no	Component
1.	Vaccine for total sheep and goat population against PPR; and vaccine for a total pig population against CSF
2.	Vaccination Cost for syringe, gloves, gumboots etc. <i>(at Rs 2.50 per vaccination)</i>
3.	Remuneration Cost to Vaccinator @ Rs.2.00 per dose (including registration / uploading data on INAPH)
4.	Sero-monitoring/ surveillance/quality testing of vaccine – to State laboratories/designated laboratory, etc. as per requirement for PPR and CSF
5.	Expenditure on Awareness Programme: @ Rs. 5,000/ Block/Year for organizing awareness Camps including advertisement campaign for PPR-EP and @ Rs.5.00 lakh per State annually for CSF-CP
6.	Deworming, as far as possible, will be pooled/ drawn from National Animal Disease Control Programme/ ASCAD. Cold chain infrastructure along with central survey agency for verifying vaccination done from farmers shall also be NADCP.

Note: Cost of vaccines and vaccination cost (accessories) are indicative and is subject to the tendered rates. Flexibility for transfer of funds from one component to any other components is envisaged as per exigencies

MODEL ANNUAL STATE ACTION PLAN FOR MVU-ESVHD

- **Name of the Implementing Agency-**
- Address -
- Telephone No. and fax No. -
- Email ID of the HOD -
- **Nodal officer –**

S. No.	Parameters	Details
1	Whether MVUs available with the State/ UT, if yes- how many	
2	How these are operated- by State directly or in PPP mode- give details	
3	How is the operation/ proposed operation- on call basis; timing etc.	
4	How number of MVUs allocated / area/ livestock population	
5	No. of Mobile Veterinary Units required and basis	
6	How it is intended to run the vehicles- whether any preliminary option explored for running on PPP mode	
7	Requirement of Veterinarians / Para veterinarians (no.) – how they are planned to be engaged	
8	Status of Call Centre: whether already operating (Availability of staff and infrastructure); if not available how it is proposed to set up and monitored by State/ UT government	
9	Establishment of Call Centre (to be established by State at least 7 days before operation)	
10	Expected date of MOU with service provider/ revision of MOU, if not already there	
11	Procurement/ availability by service provider, vehicle and its fabrication - expected date	
12	Procurement procedure and supply of medicines, accessories and other consumables/non-consumables to be maintained in MVUs	
13	Monitoring and Supervision Plan for MVU-ESVHD - (Details of plans to monitor availability of veterinary service at farmer's door step and satisfactory treatment provided at the field level)	
	(i) Monitoring by State Nodal Officer for each district (Monthly basis - at least 1 visit)	
	(ii) Services rendered by Gopal Mitra / Pashu Sakhis to be supervised by Block Veterinarian	
	(iii) to register name, UID (Aadhar no.) / Mobile no. of animal owner at the time of delivery of veterinary services	

Format of Quarterly Report on delivery of Veterinary Service at farmer's doorstep under MVU-ESVHD

1.	State/UT	
2.	Name of Scheme/Programme: MVU-ESVHD	
3.	Date of Reporting	
4.	Period under report	
S. No.	Parameters	Details / Information
1	No. of MVUs in service	
2	No. of Veterinarians	
3	No. of Para veterinarians	
4	Status of Call Centre for taking up calls, technical experts for attending calls and for forwarding to attending authority like MVU/Gopal Mitra/Local Veterinarian or Para-veterinarian	
5	No. of Calls received	
6	No. of calls /complaints attended	
7	No. of farmers provided veterinary service at door step	
8	No. of animals treated at the farmer's doorstep	
9	Details of the facilities maintained in the MVU	
10	Details of Medicines being maintained in the MVU	
11	Maintenance of Complain/Feed-back register in the MVU	
12	No. of preliminary diagnosis made using available diagnostic facility	
13	Observation of any unusual mortality or spread of any infectious disease in any particular area and action taken accordingly	

Signature

Name & address of the Reporting Officer

Tentative recurring costs for MVU and Call Centre

a. Recurring expenditure for running of one Mobile Van (60-40/ 90-10 NE & Himalayan States/ 100% UTs)

(Rs. in lakh)

Activity	no of personnel	rate per month	amount per month	for 1 year
Outsourcing of veterinarian	1	0.50	0.50	6.00
Outsourcing of Para-vet	1	0.20	0.20	2.40
Outsourcing of Driver-cum-attendant	1	0.18	0.18	2.16
Procurement of Medicines, Surgical material etc.	-	LS	0.35	4.20
Maintenance & Fuel (Petrol / Diesel / Oil / Lubricant etc.)	-	LS	0.33	3.96
TOTAL			1.56	18.72

b. Recurring expenditure for running of Call Centre at State/UT level (60-40/ 90-10 NE & Himalayan States/ 100% UTs)

(Rs. in lakh)

Activity	no of personnel	rate per month	Cost per year
Outsourcing of veterinarian	1	0.50	6.00
Outsourcing of call executives	1	0.15	1.80
Office expenses of running Call Centre @ Rs.5000/- pm for 1 veterinarian and 3 Call executives and an additional Rs.2000 pm for each addition of 1 Veterinarian & 3 Call Executives			

List of indicative Items required in Mobile Veterinary Units

Instruments, machines, furniture etc.: electronic weighing machine, small refrigerator/ vaccine carrier, i/v stands, folding chairs, folding-table, sitting-stools etc., small animal examination table, animal restraining equipment, portable sterilizer/ autoclave, OPD slips, stationery, cash-receipt books, electric fans, ropes, brooms, wipers, foot-mats, locks etc. small sized dispensing-vials, hoof-trimming set, sprayers, dog muzzles etc. There should be provision for desktop computer/ GPS/ Tab plus printer with internet broadband to send and receive various official reports, for updating the information of farmers' details and animal treatment. Movement of Mobile Clinic may be monitored online through GPS system.

Minor Surgical equipment and supportive materials– stethoscope, preanesthetic/ anaesthetics, good quality steel scissors, forceps, disposable syringes and needles, pm set, PPE kit, i/v sets/ cannula, scalp-vein sets, endotracheal tubes, naso-oesophageal tubes, suture materials and suture needles etc., surgical gloves, cotton, bandages, surgical/paper tape, Plaster of Paris bandage, teat instruments set- plugs, bistouries, plasma expanders, DNS, NS, RL etc., magnifying glass, torch, gumboots, towels, aprons etc.

Antiseptics and disinfectants: povidone solution, spirit solution, requisite antiseptic ointments, spray, antiseptic hand wash, hand sanitizers, phenyl, fly-repellents, oxidizing agents like potassium permanganate etc.

Medicines – antibiotics, life-saving corticosteroids, antihemorrhagics, analgesics, antipyretics, antidiarrheals, antihistamines, anthelmintics, antiprotozoals, injectable and oral Haematinics, Inj. ascorbic acid, H₂ receptor blockers/ gastric anti-reflux agents, antiemetics, vitamin injections, liver extract, nasal, eye, ear drops, calcium injection, laxatives, purgatives, all vaccines especially anti-rabies, antivenom depending on area, intra-uterine bolus, anti-bloat, anti tympany, carminatives etc.

Vaccines- for using services during campaign, fill gaps or ring-vaccination during outbreaks (utmost precaution should be taken to go through outbreak areas to prevent spread of infection through vehicle/ personnel)

Sample collection material, rapid diagnostic kits - syringes, blood collection tubes, (Vacutainer with EDTA, cloth activator) whirl pack, faecal sample collection containers etc.; rapid diagnostic kits as per requirement, microscope, slides

Audio-visual equipment- Notice Board, sound system/ loud speaker, screen, small projector, publicity material/ flyers etc.

Format for Action Plan for implementation of Assistance to States for Control of Animal Diseases (ASCAD) under LH&DC

1.	State/UT	
2.	Livestock population (species wise)	
3.	Poultry population	
A	<p>Livestock & Poultry Vaccination for control of economically important diseases</p> <p><i>The State/UT may identify important livestock & poultry diseases based on previous outbreak histories in different areas which cause economic losses to farmers and accordingly for prevention and control of such important diseases, vaccination programme may be proposed to GOI for release of central share. The vaccination programme must be implemented timely so that there is a significant reduction of outbreaks/incidences of those diseases.</i></p>	
	List of economically important including zoonotic diseases of livestock & poultry affecting the State /UT for last three years along with no. of outbreaks	
	Details of vaccination carried out against such diseases during last three years - no. of doses	
6	Targeted vaccination during the year - No. of doses required for each required vaccine	
7	Financial Requirement – Total: (Central Share + State Share)	
8	No. of Disease Diagnostic Laboratories (DDL) in the State/UT	
9	Strengthening: No. of DDLs strengthened during last three years	
10	No. of DDL required to be strengthened during the year	
11	Monthly Disease Reporting being undertaken for reporting to OIE - Status of Report Submission to GOI (Yes/No)	
12	Financial Requirement for Strengthening and up-gradation of DDLs – Total: (Central Share + State Share)	

B	RESEARCH & INNOVATION, PUBLICITY & AWARENESS, TRAININGS, ETC.: <i>The State/UT will organize beneficiary (Livestock & Poultry Farmers) oriented camps and for wide publicity of the GOI/State Government scheme. The provision of primary treatment & diagnostic facilities as well as related activities may be provided using available Mobile Veterinary Units (MVUs) in these camps.</i>	
13	Detail of Publicity & Awareness Camps organized @ Block level/District level/State level for last three years	
14	No. of farmers attended Camps during last three years	
15	No. of animals treated in the camps during last three years	
16	No. of Camps to be organized during current financial year	
17	Trainings of Veterinarians, Para-vets, others / Training of Trainers / Training of veterinary professionals (CVE)/ Training of laboratory Diagnostic Specialists / mock drills for bird flu, etc.	
18	Financial Requirement: Central Share & State Share	
C	CONTROL OF EMERGENT & EXOTIC DISEASES (60-40/ 90-10 NE & Himalayan States / 100% UTs)	
19	Routine collection of serum sample / sample materials for surveillance work and activities against exotic and emergent diseases including Avian Influenza, BSE, Glanders, PRRS etc. (up to max. Rs. 1.00 lakh per State/UT)	
20	Payment of compensation to farmers for culling of birds/ elimination of infected animals, destruction of feed/eggs including operational cost	
21	Ring vaccination if any done, details and proposed ring vaccination	
22	Surveillance work and related activities undertaken last year and report thereof, to be enclosed	
23	Surveillance work and related activities to be undertaken during current financial year	

24	Activities to be undertaken under Research & Innovation with aims & objectives	
25	Outcome of the activities to be undertaken under Research & Innovation during last three years	



OPERATIONAL GUIDELINES FOR NATIONAL ANIMAL DISEASE CONTROL PROGRAMME FOR FOOT AND MOUTH DISEASE (FMD) AND BRUCELLOSIS (NADCP)

1. BACKGROUND

- 1.1 India's livestock wealth (512 million) includes 190 million cattle, 110 million buffaloes, 135 million goats, 65 million sheep and 10 million pigs. India is the largest producer of milk globally with production of 176.35 million MT (2017-18).
- 1.2 Yet, prevalence of animal diseases is a serious impediment to the growth of the Livestock Sector. Losses due to some of these diseases e.g. Foot & Mouth Disease (FMD), Brucellosis, etc. are humongous and often beyond estimation. It is because of FMD that there is not only reduction in the milk production and trade in livestock products but also there is infertility, reduction in the quality of hides and skins of the animals, including their draught power. Thus, FMD has a direct negative impact on trade of milk and other livestock products.
- 1.3 Brucellosis is a reproductive disease of livestock resulting in huge financial losses and has an adverse impact on human health, as it has zoonotic potential. Farm workers and livestock owners are always at risk of contracting as well as spreading this disease. Hence, control of Brucellosis will have a double impact - both in human health and livestock health, besides rich economic gains to the animal owners / farmers.
- 1.4 It is therefore imperative to control Foot and Mouth Disease (FMD) by vaccination of all cattle, buffaloes, goats, sheep and pigs and Brucellosis by vaccination of all female bovine calves (4 – 8 months old) in the country. This will not only make animals healthy but will also result in better productivity and acceptability of our animal products world over. Finally, efforts in this direction would further contribute towards doubling farmers' income.

2. RATIONALE

2.1 Foot and Mouth Disease

- 2.1.1 Foot and Mouth Disease (FMD) is a highly contagious viral vesicular disease of cloven-hoofed animals such as cattle, buffaloes, sheep, goats and pigs etc. Clinical & visible signs include high fever (104-106 degree Celsius), loss of appetite and dullness, excessive salivation, vesicles in the mouth especially on the gums and tongue that result in ulcers, ulcers and wounds in the hoof in the inter-digital space, blisters on teats, etc. FMD leads to reduction in milk yield, decreased growth rate, infertility, reduced working capacity in bullocks, trade embargo in the international market.

- 2.1.2** It is amongst the most serious diseases of animals in terms of economic impact and is globally recognized as a priority disease for control and eradication. The economic losses suffered by farmers due to this disease are enormous and continue during the life cycle of the animal. FMD also leads to lack of access to export markets, despite India being the world's largest milk producer (*Estimated national loss due to FMD – Rs.20,000 crore per annum – source ICAR*).
- 2.1.3** FMD spreads through close contact with infected animal/s, contaminated feed and water, through animal movement and through aerosol and contaminated objects. There is no immediate treatment once the animal is infected. Infected animal has to be isolated and given symptomatic treatment and the animal shed cleaned with suitable disinfectant.
- 2.1.4** Control of FMD can be achieved by mass vaccination of susceptible livestock repeatedly at regular intervals till the incidence of the disease comes down. This will pave way to gradual eradication of the disease from the country.

2.2 Brucellosis

- 2.2.1** Brucellosis is a reproductive disease of cattle and buffaloes caused by bacterium *Brucella abortus*. The disease is characterized by fever, induces abortion at the last stage of pregnancy, infertility, delayed heat, interrupted lactation resulting in loss of calves, loss in production of meat and milk.
- 2.2.2** Brucellosis has an adverse impact on human health as it is zoonotic (transmissible to humans). It is also a serious occupational hazard. Affected humans may exhibit undulating fever, night sweats, body pains and aches, poor appetite, weight loss and weakness.
- 2.2.3** Bovine brucellosis is endemic in India and appears to be on the increase in recent times, perhaps due to increased trade and rapid movement of livestock. The nature of livestock rearing, especially in rural India, is conducive to spread of infection from livestock to humans due to close contact with animals.
- 2.2.4** In the absence of any treatment for Brucellosis in bovine animals, the disease can be prevented by vaccination. Control of Brucellosis can be achieved by a once-in-a-lifetime vaccination of female bovine calves (4 – 8 months old).

3. OBJECTIVES OF THE PROGRAMME

The overall aim of the National Animal Disease Control Programme for FMD and Brucellosis (NADCP) is to control FMD by 2025 with vaccination and its eventual eradication by 2030. This will result in increased domestic production and ultimately in increased exports of milk and livestock products. Intensive Brucellosis Control

programme in animals is envisaged for controlling Brucellosis which will result in effective management of the disease, in both animals and in humans.

4. PROGRAMME IMPLEMENTATION

- 4.1** National Animal Disease Control Programme for FMD and Brucellosis (NADCP) is a Central Sector Scheme where 100% of funds shall be provided by the Central Government to the States / UTs.

Each State shall submit proposal to the Department of Animal Husbandry and Dairying (DAHD) as per the standard template enclosed at **ANNEXURE 1** for FMD and **ANNEXURE 2** for Brucellosis. While submitting proposal to the DAHD, the State should ensure that the proposal is complete in all respects and should also attach along with the proposal, the Financial and Physical Progress Report and Fund Utilization Certificate as per format GFR-12A [Under Rule 238(1)] of GFR 2017 duly approved and countersigned by Secretary, AH Department.

The proposal once received by the DAHD shall be appraised and thereafter, it shall be placed before the National Steering Committee for approval and consideration for release of funds.

- 4.2** The roles and responsibilities of the agencies for implementation and monitoring the programme at the Centre and at the States / UTs are as detailed in the underlying paragraphs.

4.2.1 National Level

At the national level, overall implementation and monitoring of NADCP would be done by the following agencies as under -

- 4.2.1.1 National Steering Committee (NSC):** The National Steering Committee (NSC) would be headed by Secretary, Department of Animal Husbandry and Dairying (DAHD) and shall comprise of the following members -

Secretary, Department of Animal Husbandry and Dairying (DAHD)	:	Chairperson
Additional Secretary & Financial Adviser, DAHD	:	Member
Animal Husbandry Commissioner, DAHD	:	Member
Deputy Director General (Animal Science), ICAR	:	Member
Joint Secretary (LH), DAHD	:	Member
Principal Secretary/ Secretary, Department of Animal Husbandry from the participating States/UTs	:	Member
Director, CSSNIAH, Baghpat	:	Member
Joint Commissioner (LH)	:	Member Secretary

The roles and responsibilities of NSC shall be the following –

- a) Oversee activities of the NADCP, give overall direction and guidance, monitor and review its progress and performance
- b) Amend operational guidelines, if and when necessary, other than those affecting the financing pattern
- c) Approve Annual Action Plans and sanction release of funds to the central agency(ies)/ State Implementing Agencies (SIA)/ICAR Institutes
- d) Modify physical and financial targets based on review, approve inclusion and changes in eligibility criteria for implementing agencies and other guidelines including project area, composition of NSC, component structure and re-appropriation proposals
- e) Make changes and delegate powers necessary for smooth implementation of the programme
- f) Meet twice a year or as frequently as may be required
- g) The Chairman of NSC may approve projects in anticipation of approval of NSC, in case the next meeting of NSC is delayed

4.2.1.2 Programme Management Agency (PMA): The PMA shall act as the secretariat at the centre for the implementation and monitoring of NADCP and shall be headed by the Joint Secretary (LH), DAHD. The responsibilities of the PMA shall include collection, collation and analysis of the Annual Action Plans for NADCP for FMD and Brucellosis from the States /UTs for consideration of sanction of funds by the NSC to the central and state agencies. PMA shall appraise the plan of operation for vaccination in the States for FMD and Brucellosis that includes manpower requirement and deployment, their training, cold-chain infrastructure management at different levels in the States, districts and blocks, availability and distribution of vaccines, ear tags and tag applicators and suggest measures for alleviation of hurdles, if any, in the programme implementation in the States /UTs. Besides, the PMA shall be responsible for the overall monitoring of the programme including planning of public awareness programmes and trainings and management of the database at the central level (INAPH), those generated online (dashboard, etc.) and those through the Call Centre set up at the Centre.

4.2.1.3 Programme Logistics Agency (PLA): The agency shall be responsible for procurement of vaccines, ear tags and tag applicators centrally and shall undertake the following activities in this regard -

- a) PLA shall coordinate with central Programme Management Agency (PMA) to assess the requirement of vaccine dosages, tags and applicators, schedule of vaccination and supply of vaccines
- b) PLA shall prepare tender document in consultation with DAHD, call for tenders, scrutinize the bid documents for vaccine suppliers, tags and applicators and finalize suppliers through competitive bidding

- c) Based on the merit (technical and financial) of the bidder, the suppliers will be identified by PLA. The items will be as per specifications, terms & conditions in the bid
- d) For vaccines, there shall be prior testing for quality through ICAR/CCSNIAH to check for eligibility as per specifications. PLA shall co-ordinate with the Institutes and the vaccine manufacturers for this purpose
- e) PLA shall plan the delivery schedules including identification of various suppliers for specific destination well in advance to ensure that manufacturer supplies the vaccine and ear tags etc. at the district level maintaining cold-chain for the vaccines, based on the requirements as per the State Action Plans
- f) PLA shall carry out pre-dispatch physical verification of vaccines and ear tags with applicators at the manufacturers' end. This will include expiry of the vaccines through the VVMs, temperature loggers, etc. PLA will also obtain the quality check reports done by the manufacturer before dispatch of the vaccines. PLA shall further ensure random quality testing of vaccine batches prior to dispatch of vaccine in coordination with IVRI/ CCSNIAH
- g) PLA shall ensure that the States/ UTs receiving the materials checks the contents of the packages and record the number of vaccines received at the destination as well as expiry of the vaccines through the VVMs, temperature loggers, etc. Batch-wise traceability of vaccines used under NADCP is to be maintained by PLA in coordination with State Governments / UTs
- h) Random check at field level shall also be done for verifying receipt of vaccines, ear tags and applicators as well as expiry of the vaccines through the VVMs, temperature loggers, etc.
- i) PLA shall release payment to vaccine suppliers and ear-tags including applicator suppliers on receipt of acceptance certificates from the respective State Animal Husbandry Departments regarding quantity and quality of each components including results of seromonitoring concerning the vaccines supplied
- j) PLA shall obtain necessary approval from DAHD from time to time for meeting various expenditure of the activities such as, placing of orders on the selected suppliers, release of money to the suppliers, etc.
- k) PLA shall ensure that the GFR of Ministry of Finance shall be followed and strictly adhered to while dealing with matters of financial nature. The PLA shall adhere to the checklist for verification and payment of bills in connection with purchase of vaccines, ear tags and tag applicators

l) A separate account shall be opened in a Bank by PLA for NADCP and record of the funds shall be maintained meticulously

m) PLA shall intimate DAHD on all the activities undertaken on a regular basis

4.2.1.4 Central Call Centre: The Call Centre set up at DAHD shall be responsible for monitoring implementation of the programme on the ground by calling up beneficiaries (*livestock owners*) over the telephone and ascertaining vaccination details vis-à-vis their livestock. The Call Centre shall liaise with NDDB (*w r t the INAPH portal*) and the SMUs with regard to data of the livestock owners (*UID and mobile telephone numbers collected during vaccination / ear tagging and registration on INAPH*)

4.2.1.5 Information Network for Animal Productivity and Health (INAPH) portal of National Dairy Development Board (NDDB): This portal shall serve as the central database for animals registered uniquely on INAPH. 100% central funding would be provided to NDDB for registering the animals (vaccinated) and maintaining the INAPH database. Liaison of INAPH with the Call centre set up centrally will enable verification of implementation of the programme at the ground level under NADCP.

4.2.2 State / UT Level

The State / UT government shall provide the requisite administrative support and the necessary infrastructure for cold-chain maintenance for vaccines, power back up, etc. and manpower to carry out vaccination and other related activities in a systematic manner as per the planned calendar in order to effectively control these diseases. For smooth implementation of the programme at the district, block and village level, the State Animal Husbandry Department shall constitute the following units with their enlisted roles and responsibilities as under -

4.2.2.1 State Monitoring Unit (SMU): State / UT Department of Animal Husbandry shall monitor the Programme through State Monitoring Units to be headed by the Principal Secretary / ACS / Secretary of the Department of Animal Husbandry of the State / UT concerned, as Chairman of the SMU. Commissioner / Director, Animal Husbandry Department of respective State/UT shall be an ex-officio member of the SMU. The SMU may co-opt any other member(s) as deemed necessary from other State / UT government agencies / departments and Panchayati Raj Institutions for effective implementation of the programme.

The State Monitoring Unit shall oversee the overall activities of the NADCP at the respective State/ UT and shall have the following functions:

- a) Monitor and review progress and performance of the NADCP
- b) Chairman of SMU is empowered to approve the Annual Action Plans submitted by the State Implementing Agencies / Livestock Development Boards and forward the same to the Central Government for consideration of sanction / release of funds to the SIAs / LDBs.

- c) SMU shall oversee and finalize the process related with procurement / tendering of vaccines and other logistics required for vaccination and ensure that all vaccine doses and logistics are available before the start of the vaccination round.
- d) SMU shall ensure in advance that the required vaccine doses are available at district / block level well before start of vaccination round as per scheduled month of vaccination. **Vaccination should only be started when all logistics are put in place**
- e) SMU shall ensure receipt of vaccines, tags and applicators in good condition supplied by the suppliers authorized by central Programme Logistics agency (PLA). SMUs shall, after due verification of quality and quantity of vaccines, ear tags and applicators, ensure sending certificate regarding the same countersigned by Principal Secretary / Secretary in charge of Animal Husbandry Department of State / UT. The quality verification of vaccine should also include results of seromonitoring.
- f) SMU shall ensure maintaining continuous cold-chain throughout the vaccination period for effective implementation of the programme. SMU shall ensure that adequate cold chain facilities are strengthened for storage of vaccines. Cold chain maintenance shall also be ensured while supplying vaccine at district or block level
- g) SMU shall draw district / block- wise, village wise vaccination programme and should indicate date of start of vaccination, duration and date of completion for further implementation by District and Block Monitoring unit. The interval of six-monthly vaccinations needs to be maintained for FMD Control Programme while for Brucellosis Control Programme a schedule shall be drawn so as to ensure 100% coverage of the female bovine calves of 4-8 months of age
- h) SMU shall ensure availability of trained manpower for carrying out vaccination and also ensure extension activities, training to field staff, publicity and awareness
- i) In places where sufficient staff is not available, SMU shall ensure availability of manpower to be deployed from neighboring districts / co-operative societies / private organizations / veterinary colleges / Universities, etc.
- j) SMU shall ensure diagnostic facilities to all the laboratories engaged in the serosurveillance and seromonitoring work
- k) SMU shall establish liaison with concerned ICAR laboratories / ICAR-DFMD / ICAR-NIVEDI, etc. for seromonitoring. SMU shall also ensure that a result of seromonitoring is conveyed to PLA in time
- l) SMU shall evaluate impact of programme and constant review of the progress of project
- m) SMU shall submit the weekly report of progress of vaccination to GOI as per prescribed format

- n) SMU shall also submit the completion report of vaccination round to GOI as per prescribed format
- o) SMU shall ensure that vaccination programme should be carried out in Mission mode in shortest possible time period (within 21-30 days for FMD-CP) for its effectiveness so as to build herd immunity and ensure vaccination of all leftover animals and new introduction
- p) For FMD-CP, it must be ensured that all susceptible animals, including pregnant ones, must be included in the vaccination programme. Fear of abortion due to vaccination, if any, must be alleviated through extensive Information and Education Campaign at the farmers' level
- q) SMU shall also ensure complete vaccination of all stray animals to be covered under the programme
- r) SMU shall ensure availability of stock of emergency medicines for immediate use as anti-shock treatment in a suspected case of anaphylactic reaction, if any
- s) For proper identification of vaccinated animals, SMU shall ensure that ear-tags, tagging machines, etc. are available before start of vaccination. All vaccinated animals shall be ear-tagged and registered in INAPH animal health module database
- t) SMU shall ensure training of technicians involved in the process of ear-tagging, entry of details required and uploading in the data in the INAPH server. Simultaneous issuing of animal health cards for recording details of vaccinated animals to animal owners may also be ensured. Vaccination card need to be issued for individual animal, where ever the same has not been issued earlier, and handed over to the animal owner.
- u) SMU shall ensure 'Master' creation as well as vaccination camp creation at district level in the animal health module of INAPH
- v) SMU shall ensure that wide awareness and publicity throughout the State/ UT is given towards this programme of the Department
- w) SMU may also coordinate with neighboring States under FMD-CP for carrying out vaccination round simultaneously
- x) SMU shall arrange to regulate the entry of animals from other States only against a vaccination proof of 21 days ago. Wider publicity should be given to encourage the farmers to get the newly introduced animals vaccinated, preferably before their entry to the State. If not, at least immediately on arrival
- y) SMU shall ensure strict compliance of the provisions under the Prevention and Control of Infectious and Contagious Diseases of Animals Act, 2009 and rules thereon either notified by Central Government or framed by the State Governments as empowered by the various provisions of the Act for effective implementation of the disease control programme

- z) SMU shall ensure setting up of State-level Call Centre and other mechanisms to verify and monitor the implementation of the programme

4.2.2.2 District Monitoring Unit (DMU): The DMU is to be headed by the District Magistrate, as its Chairman. The DMU may co-opt any other member(s) as deemed necessary from other State / UT government agencies / departments and Panchayati Raj Institutions for effective implementation of the programme. Joint Director / Deputy Director / District Veterinary Officer, Animal Husbandry Department shall be the Convener of the District Monitoring Unit (DMU).

The responsibilities of the DMU are as follows:

- a) The DMU shall be the main executive unit in the entire implementation of the programme. DMU shall be responsible in ensuring that required vaccines and all logistics required for vaccination including man-power for carrying out vaccination, cold chain cabinets and vaccine carriers are in place well before the start of the vaccination programme
- b) DMU shall ensure execution of vaccination in the entire district as per schedule and prescribed procedures, collection of sera samples for sero-monitoring, animal identification and documentation
- c) The DMU shall be responsible for surveillance within the district during the entire project period and shall investigate any suspected outbreaks of FMD/ Brucellosis and arrange for sending specimen for laboratory confirmation
- d) DMU shall be responsible for training of staff engaged in vaccination programme well before the start of the programme and should prepare calendar of operation with the help of District Animal Husbandry officer and Block Officers
- e) DMU should ensure mass education / awareness campaign on FMD/ Brucellosis amongst the livestock farmers giving emphasis on economic impact of the disease and benefits likely to accrue due to preventive vaccination of their animals and timely reporting of the disease in case of its suspicion/occurrence. All forms of print and electronic media to be considered while disseminating the information
- f) DMU shall ensure working of the cold room / cabinets required for storage and cold chain maintenance of the vaccine at district head quarter
- g) In case of failure of electricity, generators shall be made available to maintain the cold chain
- h) At the time of supply of vaccine by suppliers at district level, maintenance of cold chain for vaccine shall be ensured and temperature monitor card and VVMs should also be inspected
- i) DMU shall supervise vaccination programme and provide all necessary required infrastructure facilities like aprons, disposable syringes, needles, biological waste

deposit bags, transportation arrangement, vaccine containers etc. to the Block Officers

- j) DMU shall maintain the buffer stock of vaccines as per the requirement to ensure prompt delivery
- k) DMU shall compile epidemiological information and data of vaccination programme and various reports and submit to SMU as per the schedule
- l) DMU, with the help of District Polyclinic shall co-ordinate with the respective Disease Investigation Laboratories to collect pre- and post-vaccination sera samples for seromonitoring by ICAR/ICAR-DFMD laboratories, etc.
- m) For proper identification of vaccinated animals, DMU shall have ear-tags, tagging machines, etc. readily available before start of vaccination. DMU shall ensure that vaccinated animals are necessarily ear-tagged and registered in the INAPH animal health module database
- n) DMU shall ensure training of technicians involved in the process of ear-tagging, entry of details required and uploading in the data in the INAPH server. Simultaneous issuing of animal health cards for recording details of vaccinated animals to animal owners may also be ensured. Vaccination card need to be issued for individual animal, where ever the same has not been issued earlier, and handed over to the animal owner
- o) DMU shall be responsible for 'Master' creation as well as vaccination camp creation at district level in the animal health module of INAPH
- p) DMU shall liaise with other agencies, Co-operative department, Panchayati Raj Institutions, women Self-Help groups and Youth organizations for effective implementation of the programme
- q) DMU shall supervise proper disposal of bio-medical waste generated during vaccination programme

4.2.2.3 Block Monitoring Unit / Block Veterinary Officers: Following are the responsibilities of the Block Veterinary Officers -

- a) Block Veterinary Officer (BVO) at block level shall ensure the supply of vaccine to field officers as per the calendar of vaccination. For example, village wise vaccination plan for FMD-CP should be prepared in each block so as to start vaccination from border villages.
- b) BVO shall ensure availability of adequate vaccine stock as per eligible animal population and ensure maintenance of cold chain. In this regard BVO should also have knowledge of vaccine vial monitors (VVM) and how the same are to be interpreted. This information should also be given to the vaccinator by the BVO.
- c) BVO shall ensure all pre-requisite of the vaccination programme like trained manpower, vaccine carriers, syringes, needles, biological waste deposit bags, personnel protective equipment (apron, hand glove, plain protecting glass), ear-

tags, ear-tagging machines, transport of vaccine, etc., before starting actual vaccination in the block

- d) Field Veterinary Officer/ vaccinator shall obtain the vaccine doses from District Veterinary Officer (DVO) or Block Veterinary Officer (BVO) in vaccine carriers with gel / icepacks. The gel packs should have been stored in cold cabinets at (-) 20°C for 48 hours
- e) BVO shall ensure that **separate disposable needle** is used for vaccination of each animal
- f) BVO shall ensure that technicians involved in ear-tagging are aware of the procedure and enter relevant details required as per the animal health module of INAPH
- g) BVO shall ensure that animal health cards with recorded details of vaccinated animals are issued to animal owners. Each animal shall be issued a Vaccination card and thereafter BVO shall ensure that these cards have been handed over to the animal owner
- h) BVO shall help in collecting pre-vaccinated and post-vaccinated sera samples for laboratory analysis
- i) BVO shall provide publicity material at local level such as leaflets, pamphlets, posters etc., to village panchayat, cattle market authorities and sugar factory authorities, etc.
- j) BVO shall take the support of Block Development Officer, local leaders and key person(s) in the area, women self-help groups, youth organizations, etc., for effective implementation of the programme
- k) In case of suspicion of outbreak or confirmation of FMD outbreak, Block Veterinary Officer should implement all necessary control and containment measures immediately and also report the suspected / confirmed outbreak through the National Disease Reporting System (NADRS)
- l) The Officer in-charge of Veterinary Institutes with his team shall vaccinate all eligible animals as per programme norms
- m) During the vaccination campaign, it should be ensured that vaccine bottles are continuously kept in vaccine carriers when not in immediate use so that cold-chain is maintained
- n) Vaccinators shall ensure that vaccine bottles once opened (punctured) should be used on the same day itself to avoid deterioration of potency / quality of vaccine
- o) Vaccinators shall take care to avoid spillage of vaccine during filling up the syringe
- p) If the animal becomes ferocious or gets disturbed while carrying out vaccination thereby leading to spilling of the vaccine, it shall be ensured that such animals are once again vaccinated properly

- q) Vaccinator shall hand over the vaccination card, duly signed by the Veterinary Officer, to every animal owner after vaccinating the particular animal
- r) The Officer In-charge of Veterinary Institutes shall monitor the vaccination programme in the villages under its jurisdiction and shall ensure participation of village officers, panchayat, gram sevaks, key person(s) and local leaders of the village(s)
- s) He /she shall provide information about the control programme, its importance and impact to the villagers through discussion, leaflets, pamphlets, posters, visual aids during training and awareness programmes, etc., so as to encourage the farmers to vaccinate their animals.
- t) Appropriate disposal of used / waste materials or any other bio-medical waste generated also need to be ensured by the BVO.

5. Activities under NADCP for FMD and Brucellosis

5.1 Control of Foot & Mouth Disease:

Major activities of this programme include –

- vaccinating the entire susceptible population of bovines, small ruminants (sheep and goats) and pigs at six-monthly intervals (mass vaccination against FMD)
- primary vaccination of bovine calves (4-5 months of age)
- deworming one month prior to vaccination
- publicity and mass awareness campaigns at national, state, block and village level including orientation of the state functionaries for implementation of the programme
- identification of target animals by ear-tagging, registration and uploading the data in the animal health module of Information Network for Animal Productivity and Health (INAPH)
- maintaining record of vaccination through Animal Health cards
- serosurveillance/seromonitoring of animal population
- procurement of cold cabinets (ice liners, refrigerators, etc.) and FMD vaccine
- investigation and virus isolation and typing in case of outbreak
- recording/regulation of animal movement through temporary quarantine/ check-posts
- testing of pre-vaccination and post-vaccination samples
- generation of data and regular monitoring including evaluation of impact of the programme
- providing remuneration to vaccinator which should not be less than Rs.3/- per vaccination dose and Rs.2/- per animal for ear-tagging including animal data entry

5.1.1 Vaccine and Vaccination:

Control of FMD to be achieved by mass vaccination of all susceptible livestock repeatedly at regular intervals. The mission of the project is carrying out 100% vaccination of cloven-hoofed domestic animals viz., cattle, buffalo, sheep, goat and pig. Primary vaccination of cattle and buffalo calves (4 to 5 months age) is also to be carried out. Vaccination shall be carried out biannually (six-monthly interval). The duration of each mass vaccination shall be a maximum of 30 days (extendable by 15 days only in unavoidable cases). It shall be preferable to complete vaccination in a single time-frame all over the country but the State/UT may provide their individual vaccination schedule at the beginning of each financial year till synchronized vaccination throughout the country is achieved. The details of work plan with technical indicators for NADCP – FMD and Vaccination are given in **Table 1** and **Table 2**, respectively, as annexed.

5.1.1.2 100% central assistance shall be given for procurement of vaccine and other logistics to carry out vaccination including remuneration to private vaccinators, creation of cold-chain facility and serum sample collection. Vaccines shall be procured by the Centre or its agency and the requisite logistics including cold chain facility and serum sample collection vials by State/UT Implementing Agencies/ Livestock Development Boards preferably through GeM or by tendering following all the codal /legal provisions and Financial Rules and Regulation. The vaccine requirement and vaccination schedule district-wise as well as their timelines for this activity should be planned. The indicative format at **Sl. No. 3** of the **Model Annual State Action Plan for NADCP for FMD** annexed (**ANNEXURE 1**), shall be referred.

5.1.1.3 The State/ UT Government shall provide infrastructure for cold chain maintenance and manpower to carry out vaccination against FMD in a systematic manner at six-monthly intervals, which is essential for effective control of FMD. The infrastructure for cold-chain management and the total manpower requirement for carrying out vaccination during the vaccination campaign district-wise along with timelines for these activities should be planned well in advance. The indicative format at **Sl. No. 12** and **6** respectively of the **Model Annual State Action Plan for NADCP for FMD** annexed (**ANNEXURE 1**) shall be referred.

5.1.2 Parasitic control:

Deworming before vaccination help to get better immune response. Deworming shall be done twice a year, preferably to commensurate with the vaccination programme, but 3-4 weeks prior to it. The procurement of anthelmintic shall be done by the State/UT Implementing Agencies/ Livestock Development Boards through GeM or by tendering following all the codal / legal provisions and Financial Rules and Regulation.

5.1.3 Publicity and awareness:

5.1.3.1 Wide publicity about the programme shall be given in such a way so that the message of importance of vaccination, disease control and prevention reach the target beneficiaries. Emphasis shall be given on the economic impact of FMD on the rural economy. Both print and electronic media such as television, radio, community radio, newspapers-

posters-leaflets-wall painting-banners etc., shall be used both for general awareness and for awareness of the notified vaccination schedule, especially, vaccination dates, movement control of animals, importance of disease etc. Sensitization of the stakeholders is important for the success of the programme. Private agencies/ State Cooperatives/ NGOs may also be utilized for implementing behavior change strategies in the communities.

- 5.1.3.2** 100% Central assistance would be given to the State/UT Implementing Agencies/ Livestock Development Board for awareness campaign. Indicative activities with timelines as given in the indicative format at **Sl. No. 11** of the **Model Annual State Action Plan for NADCP for FMD** annexed herewith (**ANNEXURE 1**) shall be referred and shall be adhered to.

5.1.4 Animal Identification and Animal Health card:

- 5.1.4.1** 100% central assistance shall be provided to National Dairy Development Board (NDDB) and the State/UT Implementing Agencies/ Livestock Development Board for capturing the animal data through animal health module of INAPH and ear-tagging. Animal Health cards for individual animals are to be given to the farmers / animal owners to maintain a record at their level. A model format of the Animal Health cum Vaccination Certificate is annexed at **ANNEXURE 3**. The envisaged outcome of implementation of Animal Health Module of INAPH is to ensure traceability of all the animals that have been ear-tagged and registered including generation of area-wise data on the percentage of vaccination coverage. Animals which are already tagged under different schemes under INAPH module will not be tagged again. The data capturing in the INAPH module for FMDCP (refer **ANNEXURE 4**) may also be used for other related programmes / schemes of the Department.
- 5.1.4.2** The requirement of ear-tags and tagging schedule shall be worked out district wise at least four months before the start of vaccination campaign and procured by the Centre or its agency/ the State/UT Implementing Agencies/ Livestock Development Boards through GeM or by tendering following all the codal / legal provisions and Financial Rules and Regulation. **The tagging schedule shall coincide with the vaccination schedule.** An indicative format for working out the requirement of ear-tags along with tagging schedule mentioned in the indicative format at **Sl. 4** of the **Model Annual State Action Plan for NADCP for FMD** annexed, (**ANNEXURE 1**) shall be referred.
- 5.1.4.3** Training of Master Trainers for usage of the animal health module of INAPH including creation of district wise 'Masters' in INAPH at NDDB and thereafter the Training of Trainers at district level for the activities related with INAPH has to be ensured by the State / UT Department.
- 5.1.4.4** Requisite training for the vaccinators, personnel involved with ear tagging and registration as well as entry of vaccination data of individual animal in the animal health module of INAPH at the field shall be ensured by the State / UT Department concerned. Indicative training module as well as timelines for this activity may be

referred to at **Sl. No. 7** of the **Model Annual State Action Plan for NADCP for FMD**, annexed (**ANNEXURE 1**).

5.1.5 Establishment/ Strengthening of Check posts: FMD is a trans-boundary animal disease and hence, veterinary border check-posts set up to control movement of live animals and animal products entering to the country or inter-state is one of the ways to control animal movement. 100% Central funding shall be provided to the State/UT Implementing Agencies/ Livestock Development Boards for establishment or strengthening of check posts @ Rs.10 lakh per check post. The manpower to operationalize these check posts shall be provided by the State/UT Government. It is preferable to establish a check post at strategic points of animal movement corridors and preferably near to Veterinary Hospital / Dispensary, etc.

5.1.6 Serosurveillance, Seromonitoring, Vaccine testing and Vaccine matching: The ICAR-DFMD, Mukteshwar, IC-FMD, Bhubaneswar and ICAR-IVRI, Bengaluru to carry out serosurveillance, seromonitoring and vaccine testing. DAHD may involve CCSNIAH, Baghpat for the same as well as other institutes as per need. Testing of FMD vaccine as per IP vet shall be carried out at ICAR-Indian Veterinary Research Institute (IVRI), Bengaluru or at any other Institute approved by DAHD. 100% Central assistance shall be given to these institutes for carrying out serosurveillance, seromonitoring, vaccine testing and vaccine matching. Grants shall be provided by DAHD directly to these institutes for their establishment and strengthening.

5.1.7 Grant-in-Aid to Research Institutes: Funds have been earmarked for ICAR Research Institutes for FMD and Brucellosis.

5.2 Control of Brucellosis

5.2.1 The major activities of this component include mass screening of cattle and buffaloes to know exact incidence of the disease in an area / villages / block / district of state, once in lifetime vaccination of all female calves between 4-8 months using *B. abortus* S-19 strain vaccine (*any alternative vaccine may replace the existing one in future*), one time grant to strengthen one ELISA laboratory in a State/UT, consumables for ELISA Laboratories, remuneration to privately engaged vaccinators in absence of sufficient manpower, publicity and awareness campaigns at national, state and block level, including orientation of the state functionaries for implementation of the programme and online monitoring & data management at HQ. The details of work plan with technical indicators for NADCP – for Brucellosis and vaccination are given in **Table 3** as annexed.

5.2.2 Vaccine and vaccination: As NADCP is a Central Sector Scheme, 100% financial assistance shall be provided by the Central Government for undertaking all activities. State/ UT Governments shall submit their proposals for their annual financial requirement for covering 100% bovine (cattle & buffalo) female calves' population of 4 to 8 months of age. The vaccination is to be done only once-in-a-lifetime in 4-8 months' old female bovine calves. Procurement of vaccine shall be undertaken by the Centre or its agency / State Implementing Agency/ Livestock Development Board following financial / codal procedures of the respective State/UT Government.

- 5.2.3** As Brucellosis in animals is highly zoonotic, therefore handling of live attenuated vaccines and vaccinating animals need extra care. Any accidental exposure to it may result infection to the personnel engaged in vaccination. The manpower physically engaged in vaccination of animals need personal protective equipment (PPE) gumboots, goggles, gloves and masks, etc. and also requires proper training for handling of vaccines and performing vaccination of the animals. Each State Implementing Agency/ Livestock Development Board shall ensure procurement of all protective equipment and submit proposals for financial requirements. The procurement shall be undertaken by the Centre or its agency /SIAs/LDBs following requisite financial codal procedures.
- 5.2.4 Remuneration to private vaccinators:** Keeping in view of insufficient manpower with the State Animal Husbandry Departments and to achieve the goal of 100% control of brucellosis in bovines, the programme requires vaccination of every individual targeted bovine female calf. In this connection, private personnel may be engaged to compensate the vacancies of the state governments. The private vaccinators shall be trained for handling of vaccine, personal protection and vaccination of animals. For carrying out vaccination, the vaccinator shall be paid @ Rs.4.00 per dose.
- 5.2.5 Strengthening of ELISA Laboratory in each State/UT:** Brucellosis is a complicated disease in terms of diagnosis. A precise diagnosis of active infection is important for the control of the disease in livestock. Clinical diagnosis is based usually on the history of reproductive failures in livestock, but it is a presumptive diagnosis that must be confirmed by laboratorial methods. Whole blood and serum samples are the easiest to use in terms of collection, handling and processing and pose lower risks especially serum samples. Therefore, it has been recommended to use appropriate samples for the diagnosis of brucellosis.
- 5.2.6** Laboratories in the states shall conduct serosurveillance for brucellosis under this programme. Since the programme covers vaccination of 100% bovine female calves' population, therefore sampling plan for serosurveillance must include each block/taluka. These laboratories shall be strengthened with ELISA Reader.
- 5.2.7** The State/UT ELISA laboratory engaged in serosurveillance requires consumables for conducting diagnostic tests for prevalence of brucellosis disease in animals. Each such laboratory shall be provided financial assistance over the period of implementation of the programme.
- 5.2.8 Conducting Village level screening of serum samples for Brucellosis:** State Government shall conduct Village Level Screening of samples for Brucellosis disease @ 2% of total bovine population for which financial assistance to the State Implementing Agency/Livestock Development Board shall be given @ Rs.5.00 per sample. The serosurveillance of brucellosis in cattle & buffalo shall be followed as per surveillance plan given by the ICAR - NIVEDI, Bengaluru.
- 5.2.9 Conducting awareness programmes:** In animals, Brucellosis usually spread through contact with infected birthing tissues and fluids (e.g., placenta, aborted fetuses, fetal fluids, vaginal discharges). The bacteria causing this disease can also be found in milk,

blood, urine and semen of infected animals. Animals can get the bacteria by ingestion (oral), direct contact with mucous membranes (eyes, nose, mouth), or breaks in the skin. Brucellosis can also be transmitted by contaminated objects (fomites) such as, equipment, clothing, shoes, hay, feed or water. Some animals are carriers; they will have the bacteria but show no signs of illness. These animals can shed the bacteria into the environment for long periods of time, infecting other animals in the herd. Brucella can survive for months in the environment under optimum conditions but can be destroyed by heat and some disinfectants.

In view of the above, it is understood that sensitization of Brucellosis is very much needed. Therefore, creating awareness with regards to management of uterine discharges/aborted fetus /retention of placenta and necessity of vaccination of female calves at the age of 4-8 months of age along with the zoonotic importance of the disease is the need of the hour. For this reason, this Brucellosis control programme has a provision for financial assistance to organize camps, for advertisements, campaigns, etc.

5.2.10 Animal Health Cards for individual animals are to be given to the farmers as at **ANNEXURE 3** if not already provided earlier in FMD programme for maintaining a record at their level. Animals shall also be tagged if not already tagged in FMD programme or any other programme. The data capturing in INAPH module for Brucellosis (as per **ANNEXURE 4**) shall also be done after administering the vaccine. The vaccinator would also be provided Rs.2/- per animal for ear-tagging and data entry if this tagging is done in Brucellosis vaccination programme.

5.2.11 Grants-in-Aid to Indian Council of Agriculture Research - National Institute of Veterinary Epidemiology and Disease Informatics (ICAR-NIVEDI) for conducting seromonitoring at National Level: ICAR-NIVEDI shall be provided an annual grant for conducting seromonitoring (pre-vaccination and post vaccination sera samples), confirmation of doubtful cases, training of laboratory personnel, state-wise sampling plan and also technical support to State/UT Governments for screening outbreak samples etc.

6. EVALUATION

Evaluation of the programme at the end of two years (2021-22) and five years (2023-24) would be carried out by an independent third-party agency. The programme shall also be subject to audit as per extant Government of India procedures.

Table 1: Details of work plan with technical indicators for NADCP – FMD

Sl. No.	Items of Work Plan	Technical indicator
1	States to be covered	All States and Union Territories of the country
2	Animals to be vaccinated	300 million cattle and buffaloes, 200 million sheep and goat, and 10 million pigs (<i>to be revised as per latest census data being undertaken</i>) in each round of vaccination Primary vaccination for bovine calves (4-5 months of age)
3	De-worming	Entire population of cattle, buffalo, sheep, goat and pig, twice a year, one month before vaccination
4	Vaccination	Six-monthly (Bi-annual). Primary vaccination for Bovine calves (4-5 months of age)
5	Vaccine to be used	Trivalent (O,A, Asia-1) BEI inactivated with minimum 3PD ₅₀ per dose. The manufacturer to self-certify the vaccine to be NSP free
6	Functional check posts	There would be adequate number of functional check posts in strategic locations at inter-state boundaries

Table 2: Details of vaccination for FMD

Description of animal	Vaccination schedule
Young Animals	Bovine calves 4-5 months old. Booster dose of vaccine shall be administered four weeks after primary vaccination and regular vaccination should be followed thereafter every 6 months
Adult Animals	Six-monthly vaccination as recommended under the programme
<ul style="list-style-type: none"> ➤ FMD vaccine shall be kept constantly at a temperature between 2°C and 8°C ➤ The vaccine shall neither be frozen nor be exposed to temperature higher than 8°C ➤ The dose of vaccine used shall be as per the manufacturer's instructions which is at present 2 ml each for cattle, buffalo and pigs while 1 ml for sheep and goats ➤ Route — deep intramuscular (<i>Care must be taken not to rupture bigger blood vessels that may cause emboli in the blood stream</i>) 	

Table 3: Details of work plan with technical indicators for NADCP – BCP

Sl. No.	Items of Work Plan	Technical indicator
1	States to be covered	All States and Union Territories in the Country
2	Animals to be vaccinated	100% vaccination coverage of bovine female calves of 4-8 months of age
3	Vaccination	Once in a life-time calf-hood vaccination
4.	Vaccine	Brucella S 19
	<ul style="list-style-type: none"> ➤ Brucella vaccine shall be kept constantly at a temperature between 2°C and 8°C ➤ Use only the diluent provided with the vaccine for its reconstitution ➤ The dose of vaccine used shall be as per the manufacturer's instructions which is at present 2 ml each for female cattle and buffalo calves <p>Route — sub-cutaneous (<i>Care must be taken not to vaccinate the rump region of the animal</i>)</p>	

STANDARD TEMPLATE FOR ANNUAL STATE ACTION PLAN FOR NATIONAL ANIMAL DISEASE CONTROL PROGRAMME (NADCP) FOR Foot and Mouth Disease

- Name of the Implementing Agency-
- Address -
- Telephone No. and fax No. -
- Email ID of the HOD -
- Nodal officer-

1. Animal Population: (Species-wise (Nos.) and District-wise)

Sl. No.	Name of District	Cattle	Buffalo	Sheep	Goat	Pig
	Total					

2. FMD Vaccination and Outbreaks reported during last year –

(details of outbreaks District-wise for the last year)

Sl. No	Name of District	Date of last FMD vaccination carried out	No. of FMD outbreaks	Number of animals		
				Susceptible	Affected	Died

3. Proposed vaccine requirement and vaccination schedule district wise

(All animals in the district to be covered in one schedule)

Sl. No.	Name of District	No. of doses required for one round						Expected vaccination commencement date	Expected vaccination end date
		Cattle	Buffalo	Bovine calves for booster vaccination after primary vaccination	Goat@	Sheep@	Pig		

*Bovine calves should be given booster one month after primary vaccination (first time vaccination since birth)

@Dosage for goat and sheep is half of that in bovines and pigs

4. Tagging requirement and tagging schedule district wise (Tagging should be done with the vaccination schedule simultaneously)

Sl. No.	District	No. of tags and applicators required (100% coverage)						No. of tags & applicators available	Balance requirement of tags & applicators	Expected start date* of tagging	Expected end date of tagging
		Cattle	Buffalo	Sheep	Goats	Pigs	Total				

* Tagging schedule must coincide with the vaccination schedule at Sl. No. 3

5. **Deworming** - *to be ensured 1 month before AVD(AVD = Actual Vaccination date)*

6. **Total manpower requirement:**

(Details regarding requirement of Vaccinators for carrying out vaccination during vaccination campaign)
Total manpower required for vaccination should be identified one month before AVD

S. No.	Name of Districts	No. of Animals to be covered under vaccination	Total manpower required for vaccination	Manpower available with State Government for vaccination	Shortage / Gap of vaccinators	Hiring/ Outsourcing of manpower
1						
2						
3...						
TOTAL						

7. **Training for manpower:** *(Details of training*# of Vaccinators for vaccination, ear tagging and registration in INAPH including institutions and module)*

**Training Module duration (3 days) – Vaccination (1.5 days) / Ear tagging (0.5 days) / INAPH registration (1 day)*

Training of all vaccinators should be completed at least 10 days before commencement of vaccination (refer para 3 above)

Sl. No.	Name of District	Institution selected for training at District / Block level	Manpower to be trained for vaccination, ear-tagging and registration in INAPH (in nos.)

8. **Training of Master trainers for INAPH***(at least one per district)(Conduct of TOT with NDDB) – To be completed at least 45 days before AVD*

9. **Training of trainers for INAPH** *(at least one per block)(Conducted by master trainers) – To be completed at least 30 days before AVD*

10. **Creating district wise Masters in INAPH**

- *At least 30 days before AVD*

11. **Activities to be taken up for public awareness** – (Details of proposed awareness programmes, viz., Wall writing / banners / Posters / Audio-visuals / Radio advertisement, etc. at State / District / Block / Village level)

	<i>Wall writing</i>	<i>Audio-visuals including films</i>	<i>Radio advertisement</i>	<i>Posters</i>	<i>Banners / Hoardings</i>	<i>Public Announcements and distribution of pamphlets</i>
State	1 month before AVD	1month before AVD	1month before AVD	1month before AVD on State transport buses, etc.	1month before AVD	-
District	-do-	15 days before AVD	-	1 week before AVD	1 week before AVD	-
Block	-do-	-do-	-	-do-	-do-	
Village	-do-	-do-	-	-do-	-do-	2 days before AVD

12. **Infrastructure plan for cold chain maintenance for FMD vaccine in districts / blocks under NADCP–**

S. No.	Name of District	No. of doses required for 100% coverage of vaccination of cattle, buffaloes, sheep, goat, pigs (including primary vaccination)	Cold cabinets required for storage of vaccines at district level	Cold cabinets available for storage of vaccines at district level	Shortage of cold cabinets for storage of vaccines at district level	No. of institutions at block / village level available for further distribution	Cold cabinets required for storage of vaccines at institution level (at block / village)	Cold cabinets available for storage of vaccines at institution level (at block / village)	Shortage of Cold cabinets for storage of vaccines at institution level (at block / village)	Tentative dates* of vaccination scheduled in a block / village	Cold chain capacity required for vaccine distribution to vaccinators up to village level (vaccine carriers)	Cold chain capacity available for vaccine distribution to vaccinators up to village level (vaccine carriers)	Shortage of Cold chain capacity for vaccine distribution to vaccinators up to village level (vaccine carriers)
			N C	N C	N C		N C	N C	N C		N C	N C	N C

Tentative dates of vaccination schedule should be within the schedule mentioned at serial no. 3 of the particular district

N = number; C = capacity

13. **Procurement procedure and supply of accessories:** *(Details about the procurement procedure to be followed to procure, logistics for vaccination viz. needle and syringes, gloves, apron, refrigerator, cold cabinets, walk - in coolers, etc.)*

Items	Date of tender (to be at least 90 days before AVD)	Supply order (to be at least 60 days before AVD)	Date of expected actual availability to be at least 15 days before AVD		
			At State	At District	At Block
1) Needles and syringes					
2) Gloves					
3) Apron					
4) Refrigerators					
5) Cold cabinets (vaccine carriers)					
6) Walk-in coolers					
7) Ice-line cabinets					
8) Animal Health cards					
9) Discard bags and other accessories					

14. **Supply and distribution plan for vaccines, tags and tag applicators**

Items	Date of expected actual availability (supply and distribution)*		
	District	Block	village (Institution)
1) FMD Vaccine			
2) Ear tags			
3) Tag applicators			

***Vaccine doses should be available at District at least 10 days before AVD, Veterinary Institution at Block level 5 days before AVD and at Village level (Veterinary Institution) on the day of AVD**

15. **Seromonitoring Plan***(details of collection of samples, preservation at field level, transportation to State laboratory, storage facility at state laboratory and finally to the Laboratory for seromonitoring)–ICAR – DFMD)*

Sl. No.	District	No. of villages selected for sample collection	No. of samples to be collected		
			0 day (Pre-vacc)	30 day (Post-vacc)	Total

16. **Serosurveillance** *(details of collection of samples, preservation at field level, transportation to State laboratory, storage facility at state laboratory and finally to the Laboratory for serosurveillance) – ICAR – DFMD)*

Sl. No.	District	No. of villages selected for sample collection	No. of samples to be collected

17. **Monitoring and Supervision Plan for NADCP-***(Details of plans to monitor vaccination, cold chain maintenance at the field level)*
- Establish Call Centre *(to be established by State at least 7 days before AVD)*
 - Monitoring by State Nodal Officer for each district (during and after vaccination - at least 2 visits during vaccination)
 - **Vaccination to be supervised by Block Veterinarian**
 - **Vaccinators to register name, UID (Aadhar no.) / Mobile no. of animal owner at the time of vaccination**
18. **Proposed Financial Requirement (Item-wise) as per approved Guidelines for NADCP-***(Actual financial requirement for each item within the prescribed cost. Indicative items for reference are mentioned below at Annexure 1.a)*

Annexure 1.a**LIST OF INDICATIVE ITEMS/COMPONENTS FOR FINANCIAL PROPOSALS UNDER NATIONAL ANIMAL DISEASE CONTROL PROGRAMME FOR FMD ***

Sl. No	Component	1 st Round	2 nd Round	TOTAL
1.	Vaccination cost (<i>Cost of vaccination and other logistics. This also includes at least Rs.3.00 per dose as incentive for vaccination and recording of animal details on INAPH</i>)			
2.	Establishment / Strengthening of Check post to control movement of animals @ Rs 10 lakh per check post (with facilities for infrastructure for health check-up, vaccination, sample collection, ear tagging, registration, etc.)			
3.	Awareness campaign			
4.	Cost of ear tagging, registration on INAPH and Animal Health card			

*Cost towards vaccine, ear tag and applicator to be paid centrally through Programme Logistic Agency (PLA)

STANDARD TEMPLATE FOR ANNUAL STATE ACTION PLAN FOR NATIONAL ANIMAL DISEASE CONTROL PROGRAMME (NADCP) FOR BRUCELLOSIS

- Name of the Implementing Agency-
- Address -
- Telephone No. and fax No. -
- Email ID of the HOD -
- Nodal officer-

1. **Animal Population:** (*Species-wise (Nos.) and District-wise*)

Sl. No.	Name of District	Bovine female calves (4-8 months of age)	
		Cattle	Buffalo
	Total		

2. **Brucellosis Vaccination and Outbreaks reported during last year –** (*details of outbreaks District-wise for the last year*)

Sl. No.	Name of District	Date of last vaccination carried out	No. of outbreaks	Number of animals		
				Susceptible	Affected	Died

3. **Proposed vaccine requirement and vaccination schedule district wise**

Sl. No.	Name of District	No. of doses required	Vaccination Schedule					
			Month with dates	Month with dates	Month with dates	Month with dates	Month with dates	Month with dates

4. **Identification and Registration of animals for Brucellosis Vaccination** (*Tagging already done under NADCP-FMD / INAPH, which will be used for Brucellosis vaccination records*)

5. **Total manpower requirement:** (*Details regarding requirement of vaccinators for vaccination under NADCP – Brucellosis*)

S. No.	Name of District	No. of Animals to be covered under vaccination	Total manpower required for vaccination	Manpower available with State Government for vaccination	Shortage / Gap of vaccinators	Hiring/ Outsourcing of manpower
1						
2						
3...						
TOTAL						

6. **Training for manpower:** (*Details of training** of Vaccinators for vaccination, ear tagging and registration in INAPH including institutions and module*)

* *Training Module duration (3 days) – Vaccination (1.5 days) / Ear tagging (0.5 days) / INAPH registration (1 day)*
 # *Training of all vaccinators should be completed at least 10 days before commencement of vaccination (refer para 3 above)*

Sl. No.	Name of District	Institution selected for training at District / Block level	Manpower to be trained for vaccination, ear tagging and registration in INAPH (in nos.)

7. **Activities to be taken up for public awareness** – (*Details of proposed awareness programmes, viz., Wall writing / banners / Posters / Audio-visuals / Radio advertisement, etc. at State / District / Block / Village level*)

	<i>Wall writing</i>	<i>Audio-visuals including films</i>	<i>Radio advertisement</i>	<i>Posters</i>	<i>Banners / Hoardings</i>	<i>Public Announcements and distribution of pamphlets</i>
State	1 month before AVD	1month before AVD	1month before AVD	1month before AVD on State transport buses, etc	1month before AVD	-
District	-do-	15 days before AVD	-	1 week before AVD	1 week before AVD	-
Block	-do-	-do-	-	-do-	-do-	
Village	-do-	-do-	-	-do-	-do-	2 days before AVD

8. **Infrastructure plan for cold chain maintenance for Brucellosis vaccine in districts / blocks under NADCP–**

(The infrastructure available with the State or created under NADCVP-FMD to be used for Brucellosis vaccines under NADCP – Brucellosis)

9. **Procurement procedure and supply of accessories:** *(Details about the procurement procedure to be followed to procure, logistics for vaccination viz: needle and syringes, gloves, apron, etc.)*

Items	Date of tender (to be at least 90 days before AVD)	Supply order (to be at least 60 days before AVD)	Date of expected actual availability to be at least 15 days before AVD		
			At State	At District	At Block
1) Needles and syringes					
2) Gloves					
3) Apron					
4) Discard bags and other accessories.....					

10. **Supply and distribution plan for vaccines**

Items	Date of expected actual availability (supply and distribution)*		
	At District	At Block	At village (Institution)
1) Brucella Vaccine			

***Vaccine doses should be available at District at least 10 days before AVD, Veterinary Institution at Block level 5 days before AVD and at Village level (Veterinary Institution) on the day of AVD**

11. **Seromonitoring Plan***(details of collection of samples, preservation at field level, transportation to State laboratory, storage facility at state laboratory and finally to the Laboratory for seromonitoring)–ICAR –NIVEDI)*

Sl. No.	District	No. of villages selected for sample collection	No. of samples to be collected		
			0 day (Pre-vacc)	30 day (Post-vacc)	Total

12. **Serosurveillance** *(details of collection of samples, preservation at field level, transportation to State laboratory, storage facility at state laboratory)*

Sl. No.	District	No. of villages selected for sample collection	No. of samples to be collected

13. **Monitoring and Supervision Plan for NADCP**-(*Details of plans to monitor vaccination, cold chain maintenance at the field level*)
- *Call Centre of FMD would suffice*
 - *Vaccination to be supervised by Block Veterinarian*
 - *Vaccinators to register name, UID (Aadhar no.) / Mobile no. of animal owner at the time of vaccination*
14. **Proposed Financial Requirement (Item-wise) as per approved Guidelines for NADCP**-(*Actual financial requirement for each item within the prescribed cost. Indicative items for reference are mentioned below at **Annexure 2.a***)

**LIST OF INDICATIVE ITEMS/COMPONENTS FOR FINANCIAL PROPOSALS
UNDER NATIONAL ANIMAL DISEASE CONTROL PROGRAMME FOR
BRUCELLOSIS**

Sl. No	Component
1.	Vaccination Cost for syringe, gloves, gumboots etc.
2.	Remuneration Cost to Vaccinator @ Rs.4.00 / dose
3.	Strengthening of ELISA Laboratories - One Time Assistance @ Rs.30.00 Lakh for only one Laboratory/State
4.	Expenditure on Consumables for ELISA laboratories @ Rs.20.00 lakh/Year
5.	Expenditure on Village level screening of samples: @ 2% of total Bovine Population i.e. for 60 Lakh samples @ Rs.5.00 / Sample
6.	Expenditure on Awareness Programme

Annexure - 3

Model Format of Animal Health Card cum Vaccination Certificate

Department of Animal Husbandry and Dairying
National Animal Disease Control Programme for FMD & Brucellosis
Animal Health Card cum Vaccination Certificate
Government of _____

Name of District: _____ Name of Village: _____

Name of Veterinary Institute: _____

Animal Details:

Animal UID No. _____ **Breed/Species:** _____

Male / Female _____ Age _____ Colour _____

Identification marks: _____

Details of Owner:

Name: _____ **Father's name:** _____

Full Address: _____

Aadhar Number: _____ **Mobile number:** _____

Issuing Official:

Name: _____ Designation: _____

Contact Number: _____ Date of issue: _____

Signature with Office seal

Important Instructions:

1. Vaccination card shall always be kept with the animal owner
2. Animal Health Card shall be carried during migration of livestock to any place or animal market
3. Animal Health Card shall be transferred to the purchaser (New Owner)
4. Newly purchased animal shall be vaccinated by contacting nearest Veterinary Institute
5. **Contact nearest Veterinary Institute for more details of FMD and Brucellosis vaccination**

Continued overleaf

Deworming Details

Deworming at six monthly intervals			
Date	De-wormer	Date	De-wormer

Vaccination Details

a. Foot and Mouth Disease (FMD)

Vaccination No.	Batch number	Date	Signature of vaccinator	Vaccination No.	Batch number	Date	Signature of vaccinator
1				7			
2				8			
3				9			
4				10			
5				11			
6				12			

b. Brucellosis

Vaccination No.	Batch number	Date	Signature of vaccinator	Vaccination No.	Batch number	Date	Signature of vaccinator
1				7			
2				8			
3				9			
4				10			
5				11			
6				12			

Information Network for Animal Productivity and Health (INAPH)

Vaccination Format - filled for Vaccinator																			
<< Name of the Organisation >>																			
Vaccinator Name	_____ Month _____ Year _____																		
User ID	_____ Date: _____																		
I Registration																			
a Animal																			
1 * Tag Number	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table>																		
2 * Registration Date	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> (dd/mm/yyyy)																		
3 * Sex	<input type="checkbox"/> Male <input type="checkbox"/> Female																		
4 * Species	<input type="checkbox"/> Cattle <input type="checkbox"/> Buffalo <input style="width: 40px; border: 1px solid black;" type="text"/> Yak <input type="checkbox"/> Mithun <input type="checkbox"/> Sheep <input type="checkbox"/> Goat <input type="checkbox"/> Pig																		
5 * Breed Name	<input style="width: 100px; border: 1px solid black;" type="text"/>																		
6 * Age	<input style="width: 20px; border: 1px solid black;" type="text"/> Years <input style="width: 20px; border: 1px solid black;" type="text"/> Months																		
7 * Number of Calvings	<input style="width: 100px; border: 1px solid black;" type="text"/>																		
b Owner Details																			
1 * Village Name	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input style="width: 100%; border: 1px solid black;" type="text"/> </div> <div style="width: 45%;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; text-align: center;">5</div> <div style="width: 150px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 100px; border: 1px solid black; margin: 0 5px;"></div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; text-align: center;">6</div> <div style="width: 150px; border: 1px solid black; margin: 0 5px;"></div> <div style="width: 100px; border: 1px solid black; margin: 0 5px;"></div> </div> </div> </div>																		
2 *Hamlet Name	<input style="width: 100%; height: 30px; border: 1px solid black;" type="text"/>																		
3 * Owner Name	<input style="width: 100%; height: 40px; border: 1px solid black;" type="text"/>																		
4 * Owner Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female																		

II Vaccination of animal - Mandatory fields

1 *Tag Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

2 *Vaccination for

3 * Date of Vaccination

--	--	--	--	--	--	--	--

(dd/mm/yyyy)

4 *Dosage

--

5 *Vaccine manufacturer

6 * Batch No.

Fields Marked with * are Mandatory

Suggestions for Printer

1. One format will be used for one animal
2. Format should be printed in 2 copies. While capturing the data carbon paper will be used
3. If the data is not uploaded by the vaccinator himself, main copy will be forwarded for data entry at centralised location (Taluka/district). Lower copy will be office copy.
4. Different colours may be given to different copies
5. Rice paper (thin paper) should be used, to enable impression upto last copy

N-05/11/2021-DADF-Dept
(FTS-20057)
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan New Delhi
Dated the 3rd September 2021

Subject: Administrative approval for implementation of Revised and realigned various components of Rashtriya Gokul Mission from 2021-22 to 2025-26.

As per approval of CCEA vide No. CCEA/13/2021(i) Dt.19th July 2021, the undersigned is directed to convey the Administrative Approval for implementation of Rashtriya Gokul Mission (RGM) throughout the country for a duration of 5 years from 2021-22 to 2025-26 with an allocation of Rs.2400 crores.

2. The Rashtriya Gokul Mission will be implemented as part of umbrella scheme namely, Development Programmes as approved by the competent authority. The Mission has the following objectives:-

- (i) To enhance productivity of bovines and increasing milk production in a sustainable manner using advance technologies
- (ii) To promote indigenous cattle & buffalo rearing and conservation in a scientific and holistic manner.

3. All the components of sub-scheme will be implemented on 100% grant-in-aid basis except the new component of assisting breed multiplication farms through entrepreneurs with 50% back ended capital subsidy. As regards technology interventions for breed development, a specific amount decided based on cost of technology would be provided based on outcomes of technology.

4. It is requested that the Implementing Agencies (IA's) (as mentioned in the guidelines of the scheme) may formulate a single comprehensive proposal in order to avoid duplication/ overlap of activities as per guidelines of the scheme given at Annexure-I and submit proposal to DAHD. State Implementing Agency shall submit proposal to DAHD through State Government.

5. The State proposals will be scrutinized by the Department of Animal Husbandry and Dairying and sanctions will be issued with the approval of the competent authority.

6. Under the scheme funds will be released directly to Implementing Agency (IA) Bank Account registered with PFMS. IAs shall map all the account of beneficiaries/ vendor on PFMS for making payment under the scheme. No payment shall be made through DD/ Cheques. IAs shall use EAT module of PFMS and update information on PFMS on daily basis. IAs shall not be allowed to divert funds to FD/Flexi

Account/Multi option Deposit Account/Corporate Liquid Term Deposit Account. Interest earned shall be depicted separately on PFMS. UTs without legislature shall work directly on PFMS.

7. IA shall submit Utilization certificate (UC) as per format (12 A, Rule 238(1)) after end of each of every financial year through the State Government. IAs such as NDDDB, Central Universities, CCBFs, CFSP&TI and ICAR institutes shall submit UC directly. During the further release of funds balance amount of funds available in the account of IA will be considered.

8. The Implementing Agency will refund interest accrued from the funds released under the scheme through NTRP Portal of Bharat Kosh. As per Rule 230(8) of GFR 2017, which stipulates that ***"all interest or other earning against grant in aid should be mandatorily remitted to the consolidated funds of Government of India immediately instead of adjusting against future releases"***.

9. Implementing Agency will supply information on number of people belonging to **Schedule Castes, Scheduled Tribes and Women** benefited from the scheme on quarterly basis. It may be ensured that 16.6% and 8.6% of the funds are targeted for SC and ST farmers/beneficiaries respectively under Scheduled Castes Special Plan (SCSP) and Tribal Sub Plan (TSP) as per directives of NITI Aayog.

10. Participating Implementing Agencies will submit monthly progress reports (MPR), annual report, audit reports etc. along with utilization certificate in the prescribed formats. The funds released under the project will be subjected to AG Audit of the concerned State.

11. Utilization of Grants in Aid being released under the scheme, is to be done through EAT module of PFMS. The Utilization Certificate not supported by the EAT module data is likely to be rejected and expenditure is not to be treated as regular. The agency would be forced to refund the amount released amount under the scheme as the expenditure not appearing in EAT module data. The IAs should reconcile the EAT reports with the submitted UC.

12. Operational Guidelines for implementation of scheme is given at Annexure-I. Guidelines are available on the website of this Department.

13. This issues with the approval of Joint Secretary (C&DD) vide FTS No. 20057 dated 3rd September 2021.


(Dr Bhushan Tyagi)
Joint Commissioner (RGM)

Distribution:

1. Principal Secretary/Secretary, Department of Animal Husbandry/Dairy Development, All States and UT's (speed post)
2. Niti Aayog, Agriculture Division. (special messenger)

3. Accountant General, AGCR Building, New Delhi-110002. (Special Messenger)
4. Chief controller of accounts, DAC, Krishi Bhavan New Delhi.
5. Director of Animal Husbandry of all States and UT's (Speed post)
6. Chief executive officers of the concerned States.
7. Principal Pay and Accounts Officer, Ministry of Fisheries, Animal Husbandry & Dairying Department of Animal Husbandry and Dairying, 16-A, Akbar Road Hutments, New Delhi-110011. (by special messenger)
8. Guard file

Copy for kind information to:

1. PS to Hon'ble FAHD Minister
2. PS to Hon'ble MOS FAHD
3. PS to Hon'ble MOS FAHD
4. Sr.PPS to Secretary (AHD)
5. PPS to AHC
6. PPS to AS &FA
7. PS to JS(C&DD)/JC(Cattle)/AC(Cattle)
8. US(Fin)/AO(budget)


N-04003/4/2021-Cattle Div
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan, New Delhi
Dated 31st August 2021

OFFICE MEMORANDUM

Sub: Operational Guidelines for Implementation of Rashtriya Gokul Mission (RGM) during 2021-22 to 2025-26.

Please find enclosed herewith the Operational Guidelines for Implementation of Rashtriya Gokul Mission (RGM) during 2021-22 to 2025-26 for kind information.


(Dr. Bhushan Tyagi)
Joint Commissioner (RGM)

Encl: As stated above

Distribution

1. Chairman, National Dairy Development Board, Anand
2. Deputy Director General, Indian Council of Agricultural Research, New Delhi.
3. Advisor (Agriculture), NITI Aayog, New Delhi
4. Additional Chief Secretary/ Principal Secretary/ Secretary, Department of Animal Husbandry, All States/UTs.
5. Commissioner/ Director, Department of Animal Husbandry, All States/UTs
6. CEO, All State Livestock Development Boards

Copy to:

1. PS to Hon'ble Minister for Fisheries, Animal Husbandry & Dairying.
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OPERATIONAL GUIDELINES FOR IMPLEMENTATION OF RASHTRIYA GOKUL MISSION



MINISTRY OF FISHERIES ANIMAL HUSBANDRY & DAIRYING
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
KRISHI BHAVAN, NEW DELHI-110001

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**OPERATIONAL GUIDELINES FOR IMPLEMENTATION OF RASHTRIYA GOKUL
MISSION (2021-2026)
SALIENT FEATURES**

1. Introduction

The Rashtriya Gokul Mission (RGM) is being implemented for development and conservation of indigenous bovine breeds since December 2014. Scheme is crucial for upliftment of rural poor as more than 80% low producing indigenous animals are with small and marginal farmers and landless labourers. The scheme is important in enhancing milk production and productivity of bovines to meet growing demand of milk and making dairying more remunerative to the rural farmers of the country. The scheme is leading to multiplication of elite animals of indigenous breeds and increased availability of indigenous stock. The scheme is proposed to be continued under umbrella scheme Rashtriya Pashudhan Vikas Yojna. The RGM will result in enhanced productivity and benefit of the programme, percolating to all cattle and buffaloes of India especially with small and marginal farmers. This programme will also benefit women in particular since over 70% of the work involved in livestock farming is undertaken by women

2. Objectives

- a) To enhance productivity of bovines and increasing milk production in a sustainable manner using advance technologies
- b) To propagate use of high genetic merit bulls for breeding purposes.
- c) To enhance Artificial insemination coverage through strengthening breeding network and delivery of Artificial insemination services at farmers doorstep
- d) To promote indigenous cattle & buffalo rearing and conservation in a scientific and holistic manner.

3. Funding Pattern

All the components of Scheme will be implemented on 100% grant-in-aid basis except the components of: i) accelerated breed improvement programme under the component subsidy of Rs 5000 per IVF pregnancy will be made available to participating farmers as Gol share; ii) promoting sex sorted semen under the component subsidy upto 50% of the cost of sex sorted semen will be made available to participating farmers and iii) establishment of breed multiplication farm under the component subsidy upto 50% of the capital cost of the project will be made available to entrepreneur.

3. Duration of the Project:

3.1 Rashtriya Gokul Mission will be implemented throughout the country from 2021-2022 to 2025-26 on the funding pattern as stated above.

4. Scope and Area of Operation:

4.1 **Area:** Rashtriya Gokul Mission will be implemented throughout the country.

4.2 **Scope:** All Components related to genetic upgradation of bovine population as mentioned in the guidelines will be eligible for funding under RGM.

5. Implementing Agencies

5.1 Implementing Agencies (IAs) -	State Livestock Development Boards# / State Milk Federations# / Central Frozen Semen Production and Training Institute , Central Cattle Breeding Farms ,Central Herd Registration Scheme , National Dairy Development Board/Indian Council of Agricultural Research ICAR and its Institutes / Central Universities
5.2 Participating Agencies (PAs)-	Other agencies having a role in Bovine Development like, Universities, Colleges, etc PAs will submit Projects to the concerned IA.

State Government may decide on State implementing agency and participating agencies of the scheme.

6. Institutional Set-up for Implementation

6.1 Under Rashtriya Gokul Mission (RGM) funds will be released directly to Implementing Agencies (IAs).

6.2 All Implementing Agencies will implement PFMS for making expenditure under the scheme and implement EAT module of PFMS.

6.3 Implementing Agencies will submit utilization certificate as per format prescribed in GFR 2017 through the concerned State Government. UC shall be duly countersigned by the State Government. NDDB/ICAR Institutes shall submit UC as per the prescribed format at the end of the financial year. All the agencies will refund interest accrued out of the funds released by Government of India through NTRP portal of Bharat Kosh.

6.4 Participating Agencies (PAs) will submit proposal to IAs for assistance under the scheme. The IAs will channelize funds to the PAs for implementation of the project.

7. Fund Flow Mechanism under RGM

7.1 **Implementing Agency (IA) of the Project:**

- (i) Funds will be released directly to IAs Bank Account registered with PFMS.
- (ii) IAs shall open project wise bank account for effective monitoring of the project.
- (iii) IAs shall map all the account of vendor on PFMS for making payment under the scheme.
- (iv) IAs shall use EAT module of PFMS and update information on PFMS on daily basis.
- (v) IAs shall not be allowed to divert funds to FD/Flexi Account/Multi option Deposit Account/Corporate Liquid Term Deposit Account
- (vi) Interest earned shall be depicted separately on PFMS and remitted mandatorily after end of each of every financial year through NTRP portal of Bharat Kosh.
- (vii) State share released by the State Government under the earlier components (sex sorted semen) shall be depicted on PFMS.
- (viii) UTs without legislature shall work directly on PFMS.
- (ix) IA shall submit Utilization certificate as per format after end of each of every financial year through the State Government. IAs such as NDDDB, Central Universities, CCBFs, CFSP&TI and ICAR institutes shall submit UC directly to DAHD. Utilization Certificate shall be uploaded on PFMS and immediately.
- (x) During the further release of funds balance amount of funds available in the account of IA will be considered.
- (xi) No funds will be released to IA if UC is not uploaded on PFMS and utilization information is not updated on EAT module of PFMS.

7.2 Participating Agency

- (i) PA shall open zero balance account and same shall be linked with PFMS by IA.
- (ii) IA shall transfer funds in the zero balance account maintained by PA.
- (iii) PA shall map all the account of beneficiaries/ vendor on PFMS for making payment under the scheme. No payment shall be made through DD/ Cheques
- (iv) PA shall maintain saving bank account and not allowed to maintain current bank account.
- (v) PA shall refund interest accrued out of the funds released to IA after end of each of every financial year.
- (vi) PA shall not be allowed to divert funds to FD/Flexi Account/Multi option Deposit Account/Corporate Liquid Term Deposit Account
- (vii) IAs shall monitor implementation of the project at the level of PA on monthly basis
- (viii) PA shall use EAT module of PFMS during utilization of funds and update information on PFMS on daily basis.

8. Supplementation of Fund-Flow from Sources other than RGM

8.1 The IAs may augment fund flow from their own resources towards recurring and maintenance costs.

8.2 It is also expected that every effort at convergence would be made in the project formulation by the States utilizing sources such as RKVY and multidisciplinary schemes of Ministry of Rural Development, Department of Agriculture & Cooperation & Farmers Welfare, Department of Biotechnology etc.

9. Central Level Implementation Mechanism

9.1 There will be a Project Sanctioning Committee (PSC) / Project Steering Committee constituted by drawing experts from related field which will be chaired by the Secretary AHD. PSC will be responsible for approval of projects for funding under RGM scheme received from IAs. Projects will be appraised by DAHD officials before putting them to the PSC for approval.

Composition of the Committee is as under:

1	Secretary, DADF, Government of India	Chairperson
2	AS& FA, DADF, Govt. of India	Member
3	Animal Husbandry Commissioner	Member
4	Joint Secretary, CDD, DADF	Member
5	DDG ICAR (AS) or his representative	Member
6	Executive Director, NDDDB	Member
7	Joint Commissioner (Cattle)/ Deputy Commissioner/ Asstt Commissioner	Member Secretary

PSC will be empowered to lay down and amend operational guidelines, other than those affecting financing pattern, approve Annual Action Plans and sanction release of funds to the IAs. The PSC would have powers to modify physical and financial targets based on review, approve inclusion and changes in eligibility criteria for implementing agencies and other guidelines including project area, composition of PSC, component structure, cost of components and re-appropriation proposals. PSC will be fully empowered to make changes and delegate powers necessary for smooth implementation of the programme.

9.2 **Central Monitoring Units (CMU)** of experts already constituted by the Department for development Minimum of Standard Protocols (MSP) and Standard Operating Procedures and implementation of the MSP and SOPs in the country will continue its activities during RGM 2021-26. Evaluation of accreditation of breeding institutes such as semen stations, AI training Institutes, Bull Mother Farms, IVF labs will be undertaken by CMU in order to improve quality of breeding inputs available in the country.

9.3 **Measures to Ensure Quality of Goods and Services:** Standards and specifications in the form of MSPs/SOPs formulated by CMU shall be implemented in letter and spirit by IAs. Standards formulated by BIS for cryocontainers, castrators, AI consumables; equipments etc shall also be followed by IAs.

9.4 **Project Management Agency (PMA):** For implementation and monitoring of scheme a Project Management Agency (PMA) will be established. PMA will assist in implementation and monitor the project throughout the country. At the head quarter PMA

will provide core staff for drawing state specific proposals and appraisal of subprojects received from the IAs. Management Information System (MIS) will be developed by PMA to obtain online progress reports from IAs of the scheme.

9.5 Call Centre: Close monitoring of the project will also be done through call centre and cost of the call centre will be borne from National Animal Disease Control Programme.

10. State Level Implementation Mechanism

10.1 State/UT Level RGM Review Committee meeting shall be held every month under the Principal Secretary of the State to review progress of physical financial and technical parameters. CEOs of LDB, Director (Animal Husbandry), representative of 1 semen station and breeding experts of State veterinary University will be its members. Joint Secretary, DAHD or his representative should attend the meeting once every quarter.

10.2 Annual Workshop of all stake holders will be organised by the participating State to review and monitor implementation of the scheme.

10.3 All State Implementation Agencies (IAs) will follow the State Procurement/purchase Procedures and Guidelines.

10.4 Audited Annual Progress Report in the prescribed format will be published by the IAs within the prescribed time frame and circulated to all concerned.

11. State Ranking

To enhance the competitive spirit of good performance among the States and Union Territories, it is proposed to conduct an annual State wise ranking exercise in implementation of Rashtriya Gokul Mission based on the following parameters: (i) Increase in AI coverage from existing AI coverage; (ii) % of targets achieved under implementation of Nationwide AI programme; (iii) % of targets achieved in establishment of MAITRIs; (iv) completion of projects sanctioned under the scheme and (v) feedback from farmers/ beneficiaries of NAIP/ sex sorted semen/IVF technology. PMA will assist in development of further details for State wise ranking in implementation of Rashtriya Gokul Mission.

12. Social capital usage for implementation, extension and Monitoring

12.1 Panchayati Raj Institutions (PRIs) will be integrated for monitoring of the scheme at the village level specially NAIP, Sex Sorted semen, IVF technology, MAITRIs etc. List of farmers availed services under the scheme will also be made available to PRIs

12.2 Pashu Sakhis established under DAYNRLM will be used for conducting awareness campaign in the villages. Eligible Pashu Sakhis will also be given basic

training in AI and established as MAITRIs. Pashu Sakhis will also be used in monitoring of activities undertaken by AI technicians and services made available to farmers at village level.

12.3 ICAR Research Institutes will be integrated for undertaking research development activities required for implementation of the scheme.

12.4 Krishi Vigyan Kendra will be used as farmer's training school and demonstration centre.

12.5 The Government approved social media platforms will be used for overall publicity and dissemination of Departmental activities.

13. Components

The details of components of RGM along with their pattern of assistance are as under:

13.1 Availability of High genetic Merit Germplasm:

13.1.1 Bull Production Programme

13.1.1.1 Progeny Testing: Milk production is a sex limited trait therefore genetic potential of the bull is estimated by the performance of the daughters. The scientific breeding method for estimating predicted transmitting ability of bulls on daughters' performance is termed as progeny testing. Under the component organized progeny testing programme will be assisted for production of progeny tested bulls. Implementation of Progeny testing programme will be coordinated through NDDB and bulls produced under the programme will be distributed through bull distribution committee constituted by DAHD. Projects will be implemented through Minimum Standard Protocol and SOPs prescribed by DAHD. Detailed Guidelines are given **Annexure-I**

13.1.1.2 Pedigree selection: Under the programme, high genetic merit bulls are selected on the basis of pedigree details and performance of dam, sire and other ancestors in the pedigree. The pedigree selection programme will be continued under Rashtriya Gokul Mission for production of high genetic merit bulls in order to meet requirement of bulls of different breeds at semen stations. The establishment of Central herd Registration Scheme will be deployed for monitoring and implementation of pedigree selection programme. Detailed guidelines given at **Annexure-II**.

13.1.1.3 Genomic Selection: Multi-breed genomic chip developed after combining efforts made by agencies such as National Bureau of Animal Genetic Resources (NBAGR), National Dairy Development Board (NDDB), and National Institute of Animal

Biotechnology (NIAB) will be used for initial selection of bulls to be put under PT programme and selection of high genetic bulls on the basis genomics and pedigree information. For development and validation of genomic chip NDDB and NBAGR will be assisted. Provision of funds under the component will also be for committed liabilities of ongoing National Bovine Genomic Centre for Indigenous Breeds (NBGCIB) project. It will be mandatory for all the semen stations to take up genomic testing of all the bulls available to semen station.

13.1.1.4 Import of Germplasm: Import of germplasm of indigenous and exotic breeds of very high genetic merit will be taken up to make replacement of low genetic merit bulls available at semen stations. During initial years import of the germplasm in the form of bulls will be taken up and imported bulls will be made available to semen stations under the control of Gol, State Government, NDDB and Dairy Cooperatives. It is proposed to import unsexed embryos with high standards and specifications of indigenous /exotic breeds to meet long term requirement of bulls. Imported embryos would be made available to identified IVF centers for production of bulls (male calves). Male calves born through imported embryos will made available to semen stations as mentioned above and female calves born under the programme will be made available to IVF centres for use as donor mothers. High genetic merit semen of breeds of Indian origin and exotic breeds will be imported to meet requirement of bulls and to create pool of high genetic merit bull mothers for use in IVF programmes. Germplasm in all the form semen, embryos and bull will be imported through NDDB. Funds under the component will be released directly NDDB for implementation of the project.

13.1.2 Support to semen stations

13.1.2.1 Strengthening of existing semen stations: Support under the component will be limited to semen stations under the control of State Governments, Livestock Development Boards, Dairy Cooperatives/ Milk Federations and NDDB. Under the component funds will be made available for strengthening infrastructure such as construction of bull sheds/bull pen, semen collection arena, semen processing laboratory, strengthening of bio-security etc and for equipments and other related items. It will be mandatory for all semen stations to use SSMS and Information Network for Semen Production and Resource Management (INSPRM). NDDB will assist semen stations in preparation of the project on the basis of infrastructure available and semen doses required for implementation of RGM. Detailed guidelines are given at **Annexure-III**. All the semen stations in the country will be evaluated and accredited by Central Monitoring Unit. All the semen stations will follow MSP for semen production and guidelines issued by Government of India from time to time. Non accredited semen stations will not be allowed to sale semen doses for use in breeding programme in the country.

13.1.3 Implementation of IVF technology:

13.1.3.1 IVF labs: Committed liabilities of 30 IVF labs and centre of excellence sanctioned under RGM will be completed during RGM 21-26. All the labs practicing ETT will be converted into IVF lab by 2021-22. All labs will be accredited and evaluated by Central Monitoring Unit.

13.1.3.2 Implementation of In Vitro Embryo Production Technology: IVF technology will be promoted at 7 CCBF for production of high genetic merit bulls. Unsexed semen will be used to produce bulls from donors above MSP. Private agency will be identified to produce HGM bulls at CCBFs. Male calves produced using IVF technology from the donors above MSP available with farmers meeting disease testing protocols will also be procured for use in semen production. HGM bulls produced will be distributed through bull distribution committee as stated above. Other labs sanctioned under the RGM will be allowed to develop revenue sharing model for getting assured pregnancy through IVF technology.

13.1.3.3 Implementation of IVF technology for getting assured pregnancy: For rapid genetic upgradation in the country IVF technology will be used for getting assured pregnancy in the recipients maintained by farmers interested in taking technology for production of elite animals. Component will be implemented through NDDDB throughout the country. Subsidy will be made available to participating farmers and calves produced under the programme will be subjected to parentage testing. Component will be implemented through NDDDB. Detailed guidelines for implementation of the project is given at **Annexure-IV**

13.1.4 Breed Multiplication Farms:

Breed Multiplication Farms Entrepreneurship model will be developed for establishment of breed multiplication farms for making available high genetic merit heifers (HGM) to farmers to fulfill the need of general shortage of such animals. It is proposed to make available 50% capital subsidy to interested entrepreneur for construction of cattle sheds, equipment, procurement of elite bull mothers etc. The entrepreneur will establish breed multiplication farm (BMF) and produce elite heifers using sex sorted semen or IVF technology. Disease free heifers produced at the BMF will be sold to interested farmers. HGM bulls born at BMF will be procured by semen stations for semen production. Breed Multiplication Farm will also act as the training centre to conduct training for farmers and entrepreneurs. For establishment of BMF entrepreneur will obtain loan from financial institutions and subsidy will be routed through NDDDB. Component will be implemented through NDDDB as Implementing Agency. **Detailed guidelines are at ANNEXURE-V**

13.2 Extension of AI coverage

13.2.1 Establishment of Multi-Purpose AI technicians in Rural India (MAITRIs): Against the requirement of 2,02,469 AI technicians 1,16,586 AI technicians are available in the country. Thus additional 90,958 AI technicians will be required for extension of AI coverage from 30% to 70%. Under the scheme it is proposed to establish 40,000 MAITRI centers over five year period. Funds under the component would be made available for: i) procurement of equipment and ii) training of MAITRIs. Efforts will be made to augment resources for training of MAITRIs from PMKVY/DDKV scheme and using existing veterinary colleges for imparting quality training to MAITRIs. Detailed Guidelines are given at **Annexure- VI**.

13.2.2 Nationwide AI programme: Under the component it is proposed to cover 30 million animals annually through artificial insemination. This will lead to increase AI coverage from present level of 30% to 70% of the breedable bovine females. Besides, it is mandatory that all animals covered under the programme will be identified using Pashu Aadhaar. Quality AI services will be delivered by MAITRIs/ Government AI technicians/ private/ NGO at farmers' doorstep. In the proposed programme only use of high genetic merit bull semen will be permitted. Under the programme AI services will be delivered at farmers' doorstep free of cost. Incentive will also be made available to MAITRIs / private AI technicians for performing AI using HGM bull semen and after that incentive will be made available on calf born basis. Additional incentive on the basis of the conception rate will also be made available to all AI technicians. Provision of procurement of semen doses and awareness programme is also available under the project. Incentive for tagging of the animals will be available to AI technicians from National Animal Disease Control Programme (NADCP) scheme. Detailed Guidelines are at **Annexure- VII**.

13.2.3 Using sex sorted semen for getting assured pregnancy: With mechanisation of Agriculture, utility of male bovines have been reduced. Farmers are not willing to maintain Bullocks for agriculture or any other draft work. Hence, male calves born at farmer house have become a liability. Farmers often let the male calves loose which are resulting into increase in stray animal population. Only female calves can be produced (with more than 90% accuracy) by use of latest technology like Sex Sorted Semen in AI program. Extensive use would also increase the number of female animals thereby increasing income of farmers through sale of female or by sale of milk.

Sex sorted semen doses will be used for getting 51 lakh assured pregnancies, leading to birth of 45 lakh female calves. All the animals covered under the programmes will be registered and their data uploaded on Information Network for Animal Health and Productivity (INAPH) data base. Female calves born under the programme will also be registered using Pashu Aadhar and their data uploaded on INAPH data base. Sex sorted semen for assured pregnancy will be used in normal cyclic animals in 1st to 3rd lactation

Concerned Milk Union/ State Animal Husbandry Department will be requested to take responsibility to provide veterinary aid to the calves born under the programme. Subsidy will be made available under the programme to farmers for getting assured pregnancy and from 3rd year onward subsidy will be reduced as cost of sex sorted semen will be reduced substantially and balance amount of fund for getting assured pregnancy will be met by the participating farmer. **Detailed guidelines are at Annexure-VIII**

13.2.4 Implementation of National Digital Livestock Mission (Livestock)

Under National Livestock Digital Mission (Livestock), all livestock related activities and transactions including health and breeding services, sale and purchase, etc shall take place in purely digital mode on the basis of the unique animal ID Pashu Aadhaar which is presently being assigned through ear tagging to all large and small livestock across the country. A complete open source tech stack will enable inputs of all reporting, including disease and outbreak reporting, by veterinarians and field level workers and service providers through a user end digital interface. Farmers can access their own data, make service requests, and access the latest technical and business information through an updated version of the farmer facing app e-GOPALA or through a connected national level four digit call centre number. Since all farmers would thus be linked, direct benefit transfers from all Central or State level schemes, and e-vouchers giving the power to choose a service provider, would also be possible through this mechanism. Through open APIs, third party entities such as dairy processors, other private companies, app developers, and researchers can access the database through established data sharing standards, and product traceability regulations designed and enforced on the basis of this database. Thus, not only the ease of working and accountability of service providers is increased manifold, and farmers are fully empowered, but also the entire economy around livestock is multiplied through this data. Finally, these datasets would be of high enough quality to permit use of Artificial Intelligence and Machine Learning to predict outbreaks and productivity issues well in advance so that corrective steps can be taken well in time. All these initiatives would make the livestock sector world class and enable high volumes of exports, which are presently negligible compared to the potential. National Digital Livestock Mission will be implemented through National Dairy Development Board.

13.3 Development and Conservation of indigenous Breeds

13.3.1 Assistance to Gaushalas, Gosadans and Pinjarapoles: Under the component provision of funds will be made available to those Gaushalas, Gosadans and Pinjarapoles which are maintaining elite animals of indigenous breeds. The institutes identified will be assisted for strengthening of cattle sheds, creation of drinking water facility, artificial insemination, biogas plant etc. Detailed guidelines will be issued separately.

13.3.2 Administrative expenditure/ operation of Rashtriya Kamdhenu Aayog: As per the cabinet approval RKA has been constituted by the Department vide order No. 3-260/2019-AHT (RGM) dated 21.02.2019. As mentioned in the Cabinet Note administrative expenses on operation of Rashtriya Kamdhenu Aayog will be met from Rashtriya Gokul Mission. Allocation of Rs 1 crore per annum will be made available for meeting operation cost of Rashtriya Kamdhenu Aayog.

13.4 Skill Development:

13.4.1 Assistance will be made available for training of professionals in IVF technology, other advanced reproductive techniques and training of AI technicians/ professionals in latest development in frozen semen technology. The IVF training will be conducted at the training institutes recognized by the DAHD for this purpose. Skill of the trainees will be assessed after completion of training.

13.5 Farmers Awareness:

13.5.1 For creation of awareness among the farmers, funds will be made available under the scheme for organising farmers training programme, fertility camps, publication of leaflets and pamphlets, milk yield competitions, calf rallies, workshops and seminars, development of audio video aids, wall paintings etc. All other extension activities required for effective implementation of the project will be supported under the component.

13.6 Other Activities related to cattle and buffalo Development

13.6.1 Research Development and Innovation in Bovine Breeding: Provision under the component is proposed for assisting institutes and organizations undertaking research in the areas of bovine breeding including innovators and start ups so that new innovation and research come up in the sector of bovine breeding. This will accelerate the growth of the sector by many folds.

13.6.2 Any other activity considered to be important to taken up under the project

will be allowed including creation of new infrastructure for bovine breeding.

14 Project Preparation and Submission of Proposal

14.1 The IA's will formulate a single comprehensive proposal and avoid duplication/overlap of activities. State Implementing Agency will submit proposal to DAHD through State Government.

Implementation of Progeny Testing Programme

1. Introduction

One of the key factors affecting productivity is the genetic ability of an animal for milk production, which is an inherited character, while others provide an enabling environment. The breeding bull contributes significantly in enhancing the genetic potential of its progenies for economically important traits like milk production, fat, SNF, protein, fertility, body conformation etc. Therefore, building an infrastructure for evaluation and production of breeding bulls with high genetic potential for milk production and other important traits and an infrastructure to transmit their genetic potential to maximum number of progenies is very important in any animal breeding programme. Progeny Testing is a method for accurately evaluating and selecting top bulls and using them to produce future bulls. This document describes the Standard Operating Procedures (SOP) and minimum standards for implementing a progeny testing programme both for cattle and buffaloes in the field for evaluation and selection of high quality bulls and for production of young bulls by inseminating best performing elite females using semen of top ranked progeny tested bulls.

2. Objectives of the Programme The main objectives of the Progeny Testing Programme are:

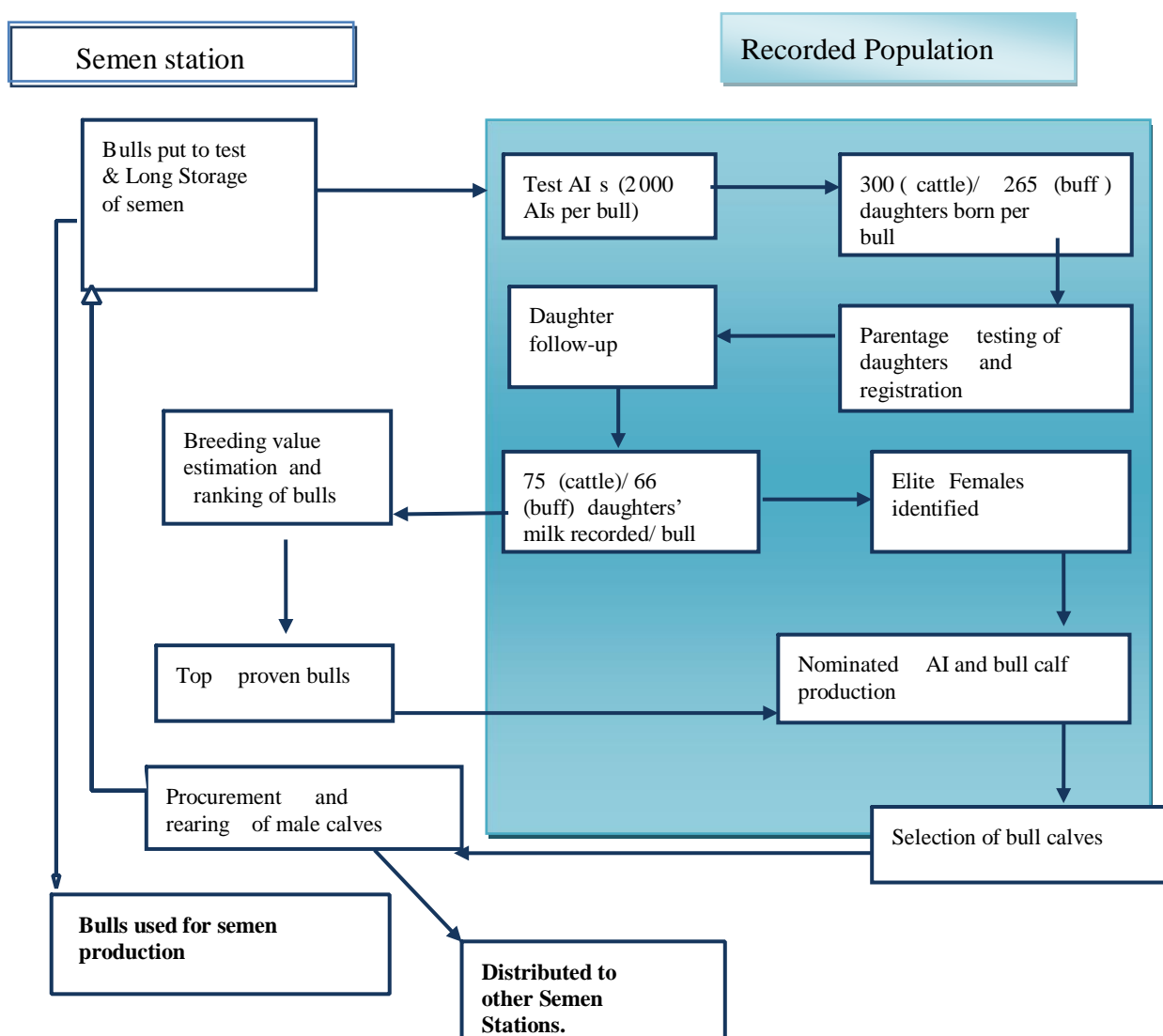
- a) To produce the required high genetic merit bulls for semen stations through progeny testing
- b) To establish a system of genetic evaluation of young bulls, bull dams and bull sires and their selection for continuous genetic improvement.
- c) To achieve a steady genetic progress in the buffaloes or cattle population for milk, fat, SNF and protein yield and type characters in the villages where the progeny testing programme is implemented.

3. A schematic representation of various activities that should be taken up under a progeny testing programme is given in Figure 1.

4. Nominated Mating for production of bulls to be put under PT Programme

Nominated mating using semen of top proven bulls and elite females identified under PT area is taken up for production of bulls for semen production. Bulls with best breeding values BV/GBV are made available to semen stations. Out of the bulls distributed to semen stations only the best bulls are selected on the basis of BV, GBV and Dams lactation yield to put under test mating. Details of mechanism of procurement of bulls for semen production is given under para

Figure1: A Schematic representation of a progeny testing programme



Standard Operating Procedures (SOP) and Minimum Standards

5. Standard Operating Procedures (SOP)

5.1 Test Bulls The very best bulls that meet the “Standards of Genetic Merit of Breeding Bulls” as specified in the Minimum Standards for Production of Bovine Frozen Semen prescribed by DAHD, GOI should be put under test. Preference should be given to young bulls, less than 4 years in case of cattle and less than 5 years in case of buffaloes. A test bull should be inducted for test AI preferably after producing a minimum of 5000 doses – 2000 for test inseminations and 3000 for long term storage. The test doses should be produced at a Semen Station graded ‘A’ or ‘B’ by CMU, DAHD, GOI. The number of bulls put under test shall be raised from a minimum of 10 to start with and shall be increased to a maximum extent possible.

If a sufficient number of test bulls are not available with the semen station, semen doses (minimum 2000 doses for Test AIs and 3000 doses for long term storage) from quality bulls meeting “Standards of Genetic Merit of Breeding Bulls” as specified in the “Minimum Standards for Production of Bovine Frozen Semen” prescribed by DAHD, GOI, shall be procured from other grade ‘A’ or ‘B’ semen stations.

4.2 Information System

5.2.1 All data related to progeny testing programme such as Animal registration details, AI details, results of Pregnancy Diagnosis, Calving details, Milk recording, Milk component testing, animal re-registration details, Animal movement details, Animal ear tag change/renumbering details etc shall be captured through INAPH (Information Network for Animal Productivity and Health) Application.

5.3 Animal Identification

5.3.1 All female animals that are bred with test or nominated AI, all daughters that are born under the project through test AI, all milk recorded animals and all male and female calves that are born out of nominated AI shall be identified by applying ear tags as per prescribed method.

5.4 Operational area

5.4.1 PT Programme for a breed shall be taken up in a compact area where a sizeable number of breedable animals of the identified breed is available and a good AI infrastructure exists. Other factors that should be considered are : sale of animals is comparatively less, percentage of animals of the identified breed under AI coverage is high, aptitude and awareness of the farmers and AI service providers towards the programme is very good, performance of AI technicians is very good etc. AI centres shall be selected based on their performance. The number of centres should be such that all centres together perform minimum 2000 AIs per bull for all bulls put to test, in 12 -15 months period. In case of a Cluster AI centre, only as many villages around the main centre where close follow up, milk recording, supervision and monitoring of the activities is possible shall be included in the programme.

5.5 Test Inseminations

5.5.1 Minimum 2000 doses of each test bull shall be distributed amongst the project villages spread over a test insemination period to carry out at least 2000 test inseminations.

5.5.2 Test insemination period for a bull should be between 12-15 months.

5.5.3 If there exist different PT programmes for a breed in different locations, these PT programmes shall share minimum 1000 test doses and 2000 long term storage doses of at least 30% bulls being tested in their respective PT programme with other PT programme(s) during the same year of testing so that daughters of each bull are produced in all the locations.

5.5.4 The AI Service Provider shall arrange for regular supply of test doses and LN and other consumables to all their AI technicians.

5.5.5 A bull wise, centre wise and month wise semen distribution schedule for all the AI centres covered under the programme shall be prepared and the timely procurement of test doses from semen stations and their timely distribution to all AI centres as per the distribution schedule shall be ensured by the AI Service Provider.

5.5.6 The AI technician would inseminate animals with the test doses supplied to him for that month. When an animal is inseminated for the first time, the animal would be ear-tagged and registered as a dam under the programme and then inseminated. Subsequently, all the animals inseminated and not repeated will be examined for pregnancy after 90 days of AI and then all the pregnant animals are followed for calving and results are updated in INAPH.

Note: At the time of pregnancy diagnosis or calving, if it is noticed that the inseminated animal has subsequently been inseminated by other service provider(s) or served by natural service bull(s), then the details of other service provider or natural service shall be updated in INAPH.

5.6 Daughters' Registration

5.6.1 Upon follow up of calving or receiving the information about the birth of daughter, the AI technician along with the concerned supervisor and the Milk recorder should visit the animal and physically verify the animal and the ear tag number of the dam within 45 days of birth. He should also verify the insemination particulars of the dam for verifying the sire number. The daughter then shall be ear-tagged and particulars are entered in INAPH.

5.6.2 Once the daughter is identified, AI Technician shall also record the body measurements to estimate initial body weight.

5.7 Parentage verification

5.7.1 Records of all daughters and male calves born of nominated AI, where the gestation period is found to be less than 265 days (290 days in buffaloes) and greater than 290 days (320 days in buffaloes), should be re-checked for the correct parentage. In all doubtful cases, a blood sample should be taken from both mother and progeny (daughter/ son) and semen sample from the sire, for parentage confirmation using DNA markers.

5.7.2 For parentage confirmation, blood samples from 5 randomly selected daughters registered in each AI centre per year and blood samples of all male calves registered out of nominated AI shall be collected.

5.7.3 A parentage verification database should be created to give feed back to the concerned AI Technicians and supervisors.

5.8 Follow up of Daughters

5.8.1 All daughters born under the programme shall be followed up after birth for growth, AI, pregnancy, calving, and lactation. The milk recorder shall visit all daughters of test bulls at an interval of at least 6 months for this purpose.

5.8.2 A monthly schedule for such visits shall be prepared. During such visits the milk recorder should check for the loss of ear tags, take body measurements and de-worm the daughters. Follow-up of daughter for growth shall be carried out at least at 6 monthly intervals, deworming every six months, and vaccination of all female calves between 4-8 months of age in the project villages for brucellosis.

5.8.3 The follow-up of the daughters shall continue till the daughter calves, dies or is sold, whichever is earlier. In case of loss of ear tags, the milk recorder should apply a new ear tag, record the particulars of new tag and report immediately.

5.8.4 Calf rallies shall be conducted at regular intervals in the project area.

5.9 Recording for body measurements of daughters

5.9.1 The first body measurements of heart girth and length of female calves born should be taken within 45 days of birth at the time of registration and shall be repeated at least at 6 monthly intervals. The first measurement should be taken up by the AI technician and the subsequent measurements by the milk recorder.

5.9.2 Body weight calculated based on Heart Girth and Body Length using the prescribed formula shall be compared with the standard body weight at that age to find out whether a calf is growing satisfactorily and accordingly a feedback should be given to the farmer.

5.9.3 Body length of calf means measurement in inches between point of shoulder and pin bone. Heart girth means circumference of thorax at the point of elbow. Body weight is calculated using the following formula:

$$\text{Body weight (Kgs)} = \frac{(\text{Hearth Girth (inches)})^2 * \text{Body Length (inches)}}{660}$$

5.10 Milk Recording

The key points to be considered for milk recording include:

5.10.1 Daughters born out of test inseminations shall be milk recorded for first three lactations. Besides daughters, other animals of the same species (up to a maximum of 5 animals) available with the farmer shall also be recorded for one lactation during that period, irrespective of lactation number (Parity).

5.10.2 The milk recording work should be assigned to exclusive milk recorders. In case an AI technician is covering only one village, he could be entrusted with the responsibility of milk recording.

5.10.3 An area assigned to one milk recorder would depend on the number of animals under milk recording and the spread of animals.

5.10.4 First recording should be carried out on or after 5 days of calving and not later than 25 days of calving.

5.10.5 Milk recording for an animal should be done once a month, morning and evening on the same day (also in the afternoon if three time milking is practiced) preferably on a fixed day of the month (plus or minus 5 days) at the place of milking.

5.10.6 A monthly milk recording schedule shall be prepared, detailing the animal to be recorded, order of recording, address and contact number of the farmer, name of the village, date and time of recording.

5.10.7 Milk recording shall be carried out using a GPS enabled Smart weighing scale (SWS). Total quantity of milk produced by the animal at farmers' household shall be weighed using the SWS along with GPS Coordinates (Latitude and Longitude). Captured data shall be forwarded to INAPH system. However, a transparent calibrated plastic jar with a sensitivity of 100 cc may be used in case of emergency situations when SWS is not working.

5.10.8 On each day of milk recording a milk sample should be taken in a sample bottle (during morning recording), properly labeled, recorded and sent to a laboratory for milk component analysis for fat, SNF, protein etc.

5.10.9 Every animal should be recorded both for milk volume and milk components on a monthly basis continuously for 11 times or until the animal becomes dry or is permanently lost from the system whichever is earlier.

5.10.10 If the animal becomes dry before 11 recordings, the dry date should be recorded invariably.

5.10.11 If weaning is not practiced by the farmer or if the farmer could not be motivated to practice weaning, at least on the day of milk recording, the calf should not be allowed to suckle its mother and the particulars should be recorded in INAPH. Milk collected

from all four quarters should be measured and the farmer should be advised to feed the calf separately.

5.10.12 Except during late lactations, milk yield should not be recorded on the day when it has dropped by 50% of the previous recording (respective morning or evening recording) or when the animal is suffering from some form of illness. In such cases the reason for drop should be recorded and the milk recording should be reattempted after a period of at least five days.

5.10.13 If the animal is milked only one time, then only that should be recorded and the other timing should be left blank or recorded zero.

5.10.14 The milk recorder shall also record the details of the milk recordings in a milk recording card that is kept with the animal owner.

5.10.15 Standard Lactation Yield of the milk recorded animal should be calculated using the Test Interval Method described by International Committee for Animal Recording (ICAR).

5.11 Procedures for supervision

The main points to be considered for putting in place an appropriate supervision system include:

5.11.1 Supervisor should exclusively be made responsible for supervising all the activities including milk recording. The number of supervisors should depend on the number of villages a supervisor can supervise in a month, the work load and the distance between the villages.

5.11.2 Each supervisor should every month check all the events happening in that month such as – 100% of daughters born, 100% of male calves reported born through nominated AI and at least 10% of randomly selected morning milk recordings, 30% each of subsequent body measurements, pregnancy results etc. in their assigned villages. The supervisor shall also validate 10% of milk recordings every month. He should submit a tour diary every month.

5.11.3 For checking the milk recordings, the supervisor should conduct the following:

- a) Surprise checking: a surprise check by visiting the site of milking, at the time of the scheduled milk recording and check the procedure of recording, the records and the functionality of the equipment used.
- b) Validation check: Alternatively, the supervisor, on the day of visit to a particular village, should visit a randomly selected animal, which is currently under recording, at

the time of milking and measure the quantity of milk produced and record the data. This shall be used to compare the preceding milk recording data of the same animal.

c) Checking difference between GPS coordinates of milk recordings of same animal and physically verifying differences if any.

d) In addition to supervisors, activities should also be supervised and monitored by other officers through regular and surprise field visits for checking of milk recording and post milk recording validations, review meetings etc.

5.12 Body typing of daughters

All the daughters born to the test bulls and that are entering the milk recording phase should be subject to body typing. This should be done by the type classifiers who are trained in body typing of animals. The trained type classifiers should type and score the daughters.

5.13 Bull production and procurement

a) Breeding values (BV) (preferably Genomic Breeding Values - GBV) of animals will be estimated and published by the Breeding Value Estimation Committee constituted by DAHD, GOI.

b) The actual computation of breeding values shall be done using NDDDB's computing facilities at a specified interval of time using all recorded data obtained from the INAPH database and following the models and methods approved by the BV Estimation Committee.

Note: Currently, BV for production traits is estimated using a Random Regression Test Day Animal model (TDRR - BLUP). In the case where records with pedigree are not available for any breed, BV shall be estimated based on dam records corrected for Herd (village or Tehsil based on number of records), Year of calving, Season of calving and Lactation Number. The BVs are expressed as a deviation from a rolling average of animals recorded in a particular project.

c) Every year, a minimum of five different bulls ranked top on the basis of breeding value shall be used for nominated AI to produce future test bulls. Here it may be noted that higher the intensity of selection applied in selecting bulls for nominated mating higher would be the genetic progress.

d) Top-ranked females declared elite based on breeding values shall be used for nominated AI. The number of elite females selected for nominated mating would depend on the number of bulls required for semen production for that breed.

e) In the case of new PT projects, for an initial period of one year, calculation of BV of dams will not be feasible. In such cases, out of dams under milk recording, nominated AI will be done on top 100 dams based on initial test day records. By the time calving of

nominated cows occurs, the project will have complete lactation records of all nominated cows. The decision on bull calf procurement for semen production will be taken based on BV calculated based on milk production records available in the project at the end of the first year.

5.14 Male Calf Procurement and Rearing

The points to be considered while procuring male calves include:

- a) A list of elite cow/buffalo along with BV/GBV and BV (or GBV) of a bull calf born out of nominated AI shall be communicated regularly to the projects by NDDB.
- b) It is suggested that for selection and procurement of one bull calf for semen production, planning shall be done for the production of at least 3 male calves free from diseases. In the breeds where genomic breeding values are available, all male calves that are tested disease-free shall be genotyped. Subsequent to this, the top 1/3rd bull calves with best BVs (preferably GBV) shall be procured as per requirement. Applying a higher intensity of selection on selecting males for AI would lead to significantly higher genetic progress.
- c) All male and female calves born out of nominated AI shall be registered in the INAPH application.
- d) Bull calves shall be procured based on BV (preferably GBV) calculated by NDDB based on a method prescribed by the Breeding Value Estimation Committee. NDDB will provide a list of bull calves to be procured regularly to the projects based on the demand of bull calves of the particular breed in the country.
- e) The male calves produced out of nominated AI selected for distribution shall be procured at the earliest possible to avoid loss of such high-quality bull calves.
- f) It should be ensured that all the procured bull calves have a confirmed parentage using DNA markers, have physical attributes conforming to the standard breed characteristics and are free from any physical and congenital abnormalities.
- g) It shall be ensured that the health guidelines prescribed shall be followed.
- h) List of bull calves available for distribution after completion of mandatory quarantine and disease testing shall be communicated to NDDB on a monthly basis by each PT project.

5.15 Animal Health Protocols for personnel in Project Areas

5.15.1 All personnel working in close contact with the animals namely: AI technicians, milk recorders & supervisors have an important role to play as primary reporters of any adverse health event(s) occurring in their area of operation.

5.15.2 The milk recorder or the AI technician who observes any abnormal health event like high mortality, high rate of abortions/ retention of placenta, mastitis, symptoms of diseases like FMD etc. in his/her area of operation would report the same to an identified / Government appointed Animal Health Officer of the area through his superior.

5.15.3 Bio-security protocols for personnel: All AI technicians would need to follow certain hygienic practices that would minimize the spread of infection.

5.16 Minimum Standards to be achieved

The project shall ensure that the following minimum standards are achieved:

- a) It would be ensured that annually minimum 10 bulls would be put to test for each breed. However, the number of bulls put under test shall be raised to a maximum extent possible.
- b) All the Test bulls should meet the “Standards of Genetic Merit of Breeding bulls” as specified in the “Minimum Standards for Production of Bovine Frozen Semen” prescribed by DAHD, GOI.
- c) The test doses should have been produced only at a Semen Station graded ‘A’ or ‘B’ by the Central Monitoring Unit (CMU), DAHD, GOI.
- d) All data related to progeny testing programme shall be captured through INAPH (Information Network for Animal Productivity and Health) application.
- e) All efforts would be made to get complete first lactation records of about 70 daughters per bull spread over a minimum of 5 villages; however, breeding values of bulls put to test will not be published unless the results meet publication criteria decided by Breeding Value Estimation Committee.
- f) If more than one PT programme is being implemented for a breed in different locations, it shall be ensured that complete first lactation records of about 70 daughters per bull is produced together by all these programmes.
- g) At least 80% of the daughters that are tested for parentage using DNA markers shall have correct parentage as recorded.
- h) A minimum of five different proven bulls every year having higher breeding values, with as high intensity of selection as possible (i.e. as less number selected out of total bulls, as possible) should be used for nominated AI to produce future test bulls.
- i) Top ranked females declared elite based on breeding values shall be used for nominated AI. In absence of breeding value, females qualifying the dam's yield criteria mentioned under “Standards of Genetic Merit of Breeding bulls” as specified in the

Minimum Standards for Production of Bovine Frozen Semen prescribed by DAHD, GOI shall be selected for nominated AI to produce superior male calves.

j) All bull calves selected through nominated AI shall have confirmed parentage through DNA testing.

k) Both bull calves that are procured and their dams shall be free from TB, JD, Brucellosis, IBR and any physical deformities.

l) Achieve 80 % of all physical targets and qualify in annual evaluation.

Note: Disease testing protocol while procurement and rearing of bulls produced in PT projects should be same as MSP of Frozen Semen Production.

6. Implementing Agency:

6.1 National Dairy Development Board will be implementing Agency for implementation of the project and funds will be released directly to NDDB. Implementation of the project will be monitored as per the minimum standards formulated for implementation of the project.

6. Participating Agencies:

6.2 Participating agencies and breeds covered under the programmes are depicted in the following table:

SN	Breed	Participating Agency	State
1	Murrah	NDS (ABRO, Salon)	Uttar Pradesh
2	Murrah	HLDB	Haryana
3	Murrah	PLDB	Punjab
4	Murrah	NDS (SAG Bidaj)	Gujarat
5	JYCB	APLDA	Andhra Pradesh
8	JYCB	TCMPF	Tamil Nadu
6	HFCB	KLDB	Kerala
7	HFCB	NDS (SAG Bidaj)	Gujarat
9	Mehsana	Mehsana Milk Union	Gujarat
10	Mehsana	Banas Milk Union	Gujarat
11	Jersey	HPLPDB	Himachal Pradesh
12	Sahiwal	Sri Ganganagar District Co-operative Milk Producers' Union Ltd (GANGMUL).	Rajasthan
13	Sahiwal	PLDB	Punjab
14	Gir	NDS (SAG Bidaj)	Gujarat

7 Fund Flow Mechanism

Funds under the project will be released directly to Implementing Agency. IA will transfer funds to Participating Agencies for implementation of the project.

Pedigree Selection

1. Introduction

One of the key factors affecting productivity is the genetic ability of an animal for milk production, which is an inherited character, while others provide an enabling environment. The breeding bull contributes significantly in enhancing the genetic potential of its progenies for economically important traits like milk production, fat, SNF and protein production, fertility, body conformation etc. Therefore, building an infrastructure for evaluation and production of breeding bulls with high genetic potential for milk production and other important traits and an infrastructure to transmit their genetic potential to maximum number of progenies is very important in any animal breeding programme.

Selection of bulls could be done through methods like Progeny Testing (PT) or Pedigree Selection (PS). Among the indigenous breeds, efforts are to be made to select bulls through Pedigree Selection owing to lack of large AI coverage and smaller population that makes Progeny Testing unfeasible. Selecting the best bulls based on the performance of their parent's (milk production of dams in case of milk production traits) forms the basis of Pedigree Selection. This document describes the Standard Operating Procedures (SOP) and minimum standards for implementing a Pedigree Selection programme for Cattle and Buffalo under field conditions and for production of quality bulls by inseminating best performing elite females owned by farmers using semen of high genetic merit bulls

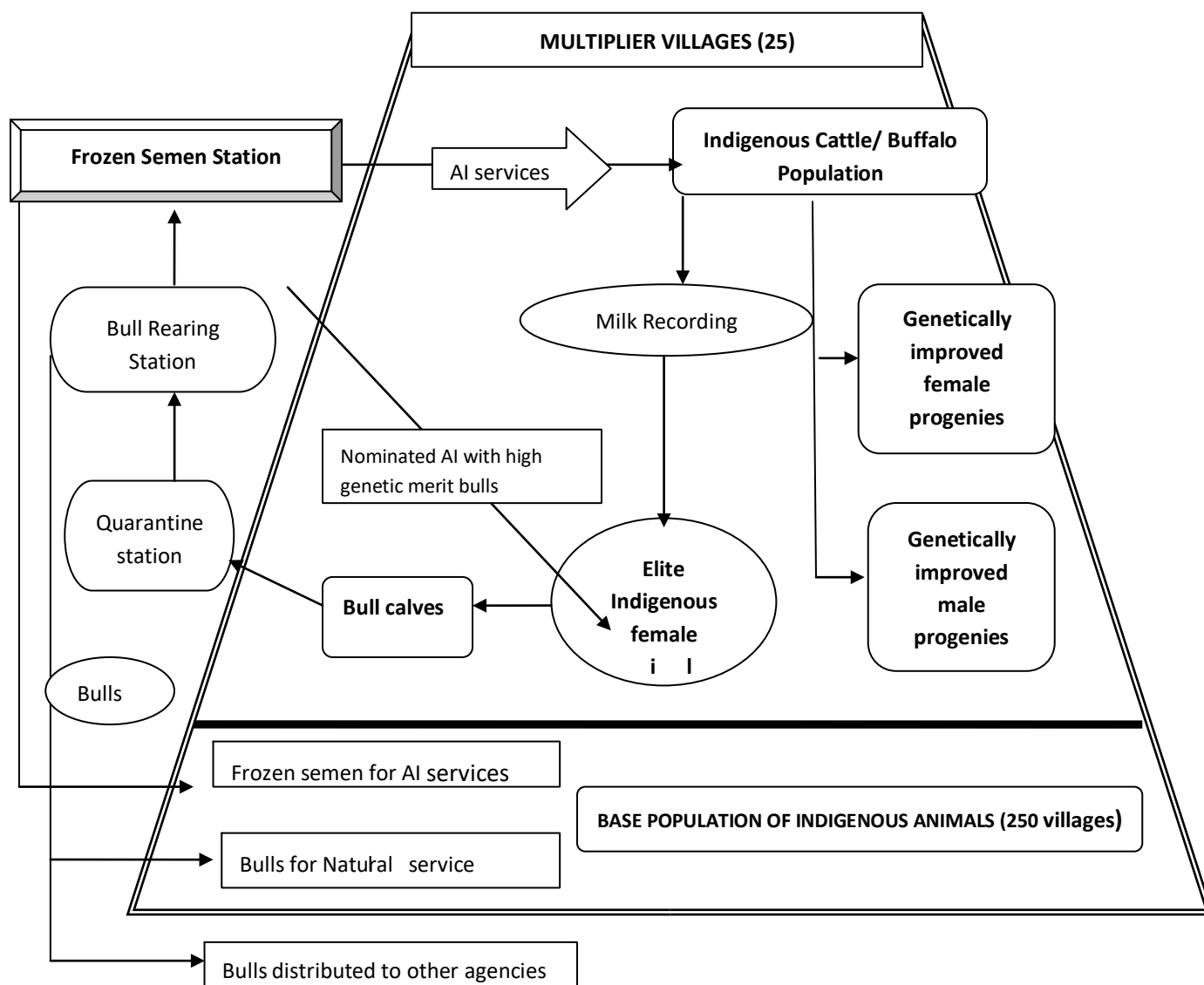
2. Objectives of the Programme

The main objectives of the programme are:

- a) Developing indigenous breeds in their native breeding tracts
- b) Improving the genetic potential of indigenous breeds for milk production in their native tracts
- c) Producing genetically superior quality bulls for semen production stations of the country
- d) Ensuring active participation of the communities in breed development programmes

A schematic representation of various activities that should be taken up in a Pedigree Selection programme is given in Figure 1.

Figure 1: Schematic representation of the Technical programme Standard Operating Procedures (SOP) and Minimum Standards



3. Standard Operating Procedures (SOP): For ongoing PS programme with AI network

3.1 Bulls and semen used in AI programme in PS area

3.1.1 Semen from at least 5 bulls of high genetic merit shall be used in the AI programme annually in the PS area.

3.1.2 AI bulls should be changed / rotated among the multiplier villages at least once in every 3 years in order to keep inbreeding under control.

3.1.3 Semen produced from a semen station graded “A” or “B” by CMU, DAHD, GOI shall only be used.

3.2 Information System

3.2.1 All data such as Animal registration details, AI details, results of Pregnancy Diagnosis, Calving details, Milk recording, Milk component testing, animal re-registration details, Animal movement details, Animal ear tag change/renumbering details etc. shall be captured through INAPH (Information Network for Animal Productivity and Health) Application.

3.3 Animal Identification:

All female animals inseminated under AI programme, animals under milk recording, all females that are born under the general AI programme and all male calves and female calves born out of nominated AI (best semen used on best recorded females available in PS area) shall be identified by applying ear tags as per prescribed method.

3.4 Artificial Insemination and follow up

3.4.1 When an animal is inseminated for the first time, the animal would be ear-tagged and registered as a dam under the programme and then inseminated. Subsequently, all the animals inseminated and not repeated will be examined for pregnancy after 90 days of AI and then all the pregnant animals are followed for calving and results are updated in INAPH.

Note: At the time of pregnancy diagnosis or calving, if it is noticed that the inseminated animal has subsequently been inseminated by other service provider(s) or served by natural service bull(s), then the details of other service provider or natural service shall be updated in INAPH.

3.5 Registration of calves:

3.5.1 Upon follow-up of calving or receiving the information about the birth of female or male calf born from nominated AI, the AI technician along with the concerned supervisor and the Milk recorder / local resource person shall visit the calf and physically verify the animal. The ear tag number of the dam, insemination particulars of the dam and the sire number shall be checked. The calf shall be ear tagged within 45 days of birth and the particulars entered in INAPH.

3.6 Parentage verification:

3.6.1 Records of all female and male calves born of nominated AI in PS area where the gestation period is found to be less than 265 days (290 days in buffaloes) and greater than 290 days (320 days in buffaloes) would be re-checked for correct parentage. In all doubtful cases, a blood sample would be taken from both mother and progeny (female / male) and semen sample from the sire, for parentage confirmation using DNA markers.

3.6.2 Blood sample from randomly selected five female registered out of AI per AI centre shall be sent for DNA parentage verification every year.

3.6.3 A blood sample of all male calves registered out of nominated AI in PS area would be collected for parentage confirmation.

3.6.4 Parentage verification database would be created to give feed back to the concerned AI Technicians and supervisors.

3.7 Calf rallies:

3.7.1 Calf rallies shall be conducted in the area to create awareness about the programme and to provide platform to the farmers to exhibit their improved animals.

3.8 Milk Recording

The key points to be considered for milk recording in the PS area include:

3.8.1 The milk recording work should preferably be assigned to exclusive milk recorders. In case an AI technician is covering only one village/ the number of AI performed is low, he could be entrusted with the responsibility of milk recording also.

3.8.2 Area assigned to one milk recorder would depend on the number of animals under milk recording and the spread of animals.

3.8.3 First recording would be carried out on or after 5 days of calving and not later than 25 days of calving.

3.8.4 Milk recording for an animal should be done once a month, morning and evening on the same day (also in the afternoon if three time milking is practiced), preferably on a fixed day of the month (plus/ minus 5 days) at the place of milking.

3.8.5 A monthly milk recording schedule shall be prepared, detailing the animal to be recorded, order of recording, address and contact number of the farmer, name of the village, date and time of recording.

3.8.6 Milk recording shall be carried out using a GPS enabled Smart weighing scale (SWS). Total quantity of milk produced by the animal at farmers' household shall be weighed using the SWS along with GPS Coordinates (Latitude and Longitude). Captured data shall be forwarded to INAPH system. However, a transparent calibrated

plastic jar with a sensitivity of 100 cc may be used in case of emergency situations when SWS is not working.

3.8.7 On each day of milk recording a milk sample should be taken in a sample bottle (during morning recording), properly labeled, recorded and sent to the laboratory for milk component analysis.

3.8.8 Every animal should be recorded both for milk volume and milk components on a monthly basis continuously for 11 times or until the animal becomes dry or is permanently lost from the system whichever is earlier.

3.8.9 If the animal becomes dry before 11 records, the dry date should be recorded invariably.

3.8.10 If weaning is not practiced by the farmer or if the farmer could not be motivated to practice weaning, at least on the day of milk recording the calf should not be allowed to suckle its mother and the particulars should be recorded in INAPH. Milk collected from all four quarters should be measured and the farmer should be advised to feed the calf separately.

3.8.11 Except during late lactation, milk yield should not be recorded on the day when milk has dropped suddenly by 50% of the previous recording (respective morning or evening recording) or when the animal is suffering from some form of illness. In such cases the reason for sudden drop should be recorded and the milk recording should be reattempted after a period of at least five days.

3.8.12 If the animal is milked only one time, then only that would be recorded and the other timing would be left blank or recorded zero.

3.8.13 The milk recorder shall also record the details of the milk recordings in a milk recording card that is kept with the animal owner.

3.8.14 Standard Lactation Yield of the milk recorded animal should be calculated using the Test Interval Method described by International Committee for Animal Recording (ICAR).

3.8.15 It is also suggested that whenever any animal with the farmer is recorded, other animals of the same breed (up to a maximum of 5 animals) available with the farmer shall also be recorded for one lactation during that period, irrespective of lactation number (Parity).

3.9 Procedures for supervision

The main points to be considered for putting in place an appropriate supervision system include:

3.9.1 Supervisor should exclusively be made responsible for supervising all the activities including milk recording. The number of supervisors would depend on the

number of villages a supervisor can supervise in a month, the work load and the distance between the villages.

3.9.2 Each supervisor should every month check all the events happening in that month such as – 100% of female born and 100% of male calves reported born to nominated AI, randomly check at least 10% of morning milk recordings and 30% pregnancy diagnosis results in their assigned villages. The supervisor shall also validate 10% of milk recordings every month. He should submit a tour diary every month.

3.9.3 For checking the milk recordings, the supervisor should conduct the following:

3.9.3.1 **Surprise checking:** a surprise check by visiting the site of milking, at the time of the scheduled milk recording and check the procedure of recording, the records and the functionality of the equipment used.

3.9.3.2 **Validation check:** Alternately, the supervisor should, on the day of visit to a particular village, visit a randomly selected animal, which is currently under recording, at the time of milking and measure the quantity of milk produced and record the data. This shall be used to compare with the preceding milk recording data of the same animal.

3.9.3.3 Checking difference between GPS coordinates of milk recordings of same animal and physically verifying differences if any.

3.9.3.4 In addition to supervisors, project activities should also be supervised and monitored by other Project officers, through regular and surprise field visits for checking of milk recording and post milk recording validations, review meetings etc.

4 **Bull production and procurement**

4.1 Breeding values (BV) (preferably Genomic Breeding Values - GBV) of male calves produced under PS programme will be estimated and published by the Breeding Value Estimation Committee constituted by DAHD, GOI.

4.2 The actual computation of breeding values shall be done using NDDB's computing facilities at a specified interval of time using all recorded data obtained from the INAPH database and following the models and methods approved by the BV Estimation Committee.

Note: Currently, BV for production traits is estimated using a Random Regression Test Day Animal model (TDRR - BLUP). In the case where records with pedigree are not available for any breed, BV shall be estimated based on dam records corrected for Herd (village or Tehsil based on number of records), Year of calving, Season of calving and Lactation Number. The BVs are expressed as a deviation from a rolling average of animals recorded in a particular project.

4.3 Top-ranked females declared elite based on breeding values shall be used for nominated AI. The number of elite females selected for nominated mating would depend on the number of bulls required for semen production for that breed.

4.4 In the case of new PS projects, for an initial period of one year, calculation of BV of dams will not be feasible. In such cases, out of dams under milk recording, nominated AI will be done on top 100 dams based on initial test day records. By the time calving of nominated cows occurs, the project will have complete lactation records of all nominated cows. The decision on bull calf procurement for semen production will be taken based on BV calculated based on milk production records available in the project at the end of the first year.

4.5 Male Calf Procurement and Rearing

4.5 The points to be considered while procuring male calves include:

4.5.1 A list of elite cow/buffalo along with BV/GBV and BV (or GBV) of a bull calf born out of nominated AI shall be communicated regularly to the projects by NDDB.

4.5.2 It is suggested that for selection and procurement of one bull calf for semen production, planning shall be done for the production of at least 3 male calves free from diseases. In the breeds where genomic breeding values are available, all male calves that are tested disease-free shall be genotyped. Subsequent to this, the top 1/3rd bull calves with best BVs (preferably GBV) shall be procured as per requirement. Applying a higher intensity of selection on selecting males for AI would lead to significantly higher genetic progress.

4.5.3 All male and female calves born out of nominated AI shall be registered in the INAPH application.

4.5.4 Bull calves shall be procured based on BV (preferably GBV) calculated by NDDB based on a method prescribed by the Breeding Value Estimation Committee. NDDB will provide a list of bull calves to be procured regularly to the projects based on the demand of bull calves of the particular breed in the country.

4.5.5 The male calves produced out of nominated AI selected for distribution shall be procured at the earliest possible to avoid loss of such high-quality bull calves.

4.5.6 It should be ensured that all the procured bull calves have a confirmed parentage using DNA markers, have physical attributes conforming to the standard breed characteristics and are free from any physical and congenital abnormalities.

4.5.7 It shall be ensured that the health guidelines prescribed shall be followed.

4.5.8 List of bull calves available for distribution after completion of mandatory quarantine and disease testing shall be communicated to NDDB on a monthly basis by each project.

4.6 Animal Health Protocols for personnel in Project Areas

4.6.1 All personnel working in close contact with the animals namely: AI technicians, milk recorders & supervisors have an important role to play as primary reporters of any adverse health event(s) occurring in their area of operation.

4.6.2 The milk recorder or the AI technician who observes any abnormal health event like high mortality, high rate of abortions/ retention of placenta, mastitis, symptoms of diseases like FMD etc. in his/her area of operation would report the same to an identified / Government appointed Animal Health Officer of the area through his superior.

4.7 **Bio-security protocols for personnel:** All AI technicians would need to follow certain hygienic practices that would minimize the spread of infection.

4.8 Minimum Standards to be achieved

4.8.1 The programme shall ensure that the following minimum standards are achieved:

4.8.2 It would be ensured that semen from at least 5 bulls of high genetic merit bulls shall be used in the AI programme annually in PS area.

4.8.3 Semen produced from a semen station graded “A” or “B” by DAHD shall only be used.

4.8.4 AI bulls should be changed / rotated among the multiplier villages at least once in every 3 years in order to keep inbreeding under control.

4.8.5 All data related to Pedigree Selection programme shall be captured through INAPH (Information Network for Animal Productivity and Health) application.

4.8.6 At least 80% of the calves that are tested for DNA based parentage tests shall have correct parentage as recorded.

4.8.7 All bulls whose semen is used in the AI programme should have dam’s milk yield more than the yield specified in the “Standards of Genetic Merit of Breeding bulls” in the Minimum Standards for Production of Bovine Frozen Semen prescribed by DAHD.

4.8.8 Cows/ buffaloes selected for nominated AI shall have milk yield recorded for a complete lactation and have milk yield more than the yield specified in the “Standards of Genetic Merit of Breeding bulls” in the Minimum Standards for Production of Bovine Frozen Semen prescribed by DAHD.

4.8.9 All bull calves selected through nominated AI shall have confirmed parentage through DNA testing.

4.8.10 Both bull calves that are procured and their dams shall be free from TB, JD, Brucellosis, IBR and any physical deformities.

4.8.11 Achieve 80 % of all physical targets and qualify in annual evaluation.

4.8.12 The establishment of Central herd Registration Scheme will be deployed for monitoring and implementation of pedigree selection programme.

Note: Disease testing protocol while procurement and rearing of bulls produced in PS projects should be same as MSP of Frozen Semen Production.

5 Implementing Agency:

National Dairy Development Board will be implementing Agency for implementation of the project. Implementation of the project will be monitored by NDDDB as per the minimum standards formulated for implementation of the project.

6 Participating Agencies:

Participating agencies and breeds covered under the programmes are depicted in the following table:

SN	Breed	Participating Agency	State
1	Haryana	HLDB	Haryana
2	Jaffrabadi	NDS (SAG Bidaj)	Gujarat
3	Kankrej	Banas Milk Union.	Gujarat
4	Nili-Ravi	PLDB	Punjab
5	Pandharpuri	MLDB	Maharashtra
6	Tharparkar	RLDB	Rajasthan
7	Rathi	URMUL Trust	Rajasthan

It is proposed to initiate New Pedigree selection project for Banni breed of buffalo from current year. Sarhad Dairy (Kutch District Cooperative Milk Union) will be participating agency of the project. This will enable creation of AI network in the breeding tract of Banni buffalo.

Fund Flow Mechanism

Funds under the project will be released directly to Implementing Agency. IA will transfer funds to Participating Agencies for implementation of the project.

Support to semen Production- Strengthening of Existing Semen Stations

1. Rationale

1.1 In order to extend AI coverage from existing 30% of the breedable bovine females to 70% of the breedable bovine females, semen production is to be increased from 119 million doses to 200 million doses. Therefore there is a need to strengthen existing semen station to meet demand of semen doses in the country. Semen stations which are not covered under NDP-I will also be covered under the component. Also there is always a need to keep semen stations up to the international standards so that our farmers receive quality Frozen Semen doses for AI delivery system. Semen stations continuously need to improve themselves to meet the improving standards of semen production and biosecurity.

1.2 Semen Stations which were not covered under NDP-I scheme and semen stations which were covered under NDP-I scheme but have completed five years of strengthening can submit proposal for strengthening of Semen Station under Rashtriya Gokul Mission scheme.

1.3 NDDB will assist semen stations in formulation of project document after detailed analysis of the infrastructure available and further strengthening required to meet requirement of semen doses under RGM.

2. Components Covered:

2.1 **Induction of HGM Bulls:** The bulls required shall be sourced from ongoing Progeny Testing (PT), Pedigree Selection (PS), IVF technology, genomic selection, bulls born out of imported embryos/ semen and bulls imported for semen production. All bulls available at the semen stations would be genomically tested using genomic chip.

2.2 **Civil Works** Semen stations shall build structures that blend well with the semen production operations and are cost effective. Semen station shall give details of bull shed/ bull pen required for housing additional bulls and capacity of quarantine shed required for quarantining of bulls to be inducted at the semen station. In addition to the above, few structures such as bio-gas plant, incinerator and protection walls may also be proposed by the semen station as a part of strengthening.

2.3. **Laboratory Equipment** Semen stations may propose funds to upgrade existing laboratories with modern amenities and latest equipment in semen production and processing. The lab equipments will not only enhance the efficiency of the laboratory, but also ensure the quality of the product produced. Semen stations shall give details of the lab equipments required in the project document and indicate number of doses produced after strengthening.

2.4 **Farm Machinery and Equipment** Semen stations may propose funds to strengthen existing fodder farm operations and procure new farm machinery to increase the effectiveness and efficiency of fodder farm operations.

2.5 ICT for Semen Station For installation of SSMS/INSPRM system developed by NDDDB year wise ICT related infrastructure required and its costs

2.6 Training and Capacity building Semen stations may propose funds for training and retraining of existing manpower and for newly inducted manpower. Total cost of training and retraining of manpower may be given in the project document.

3 Preparation of the project

3.1 Expert team from NDDDB will assist semen station in formulation of project proposal after detailed analysis of the infrastructure available and further strengthening required for meeting requirement of semen doses under RGM.

4. Project Management Committee

4.1 The project will be managed, monitored and reviewed by a Management Committee to be constituted by Semen Station.

4.2 The Committee, if it desires, would also call special invitees to attend the meeting. The general superintendence, direction, control and management of the affairs and activities of the project will vest in the Management Committee. The Management Committee will ensure the effective implementation of the project and that the objectives herein mentioned are achieved.

5. Implementing Agency:

5.1 Semen stations under the control of SLDB, Milk Federation (Dairy Cooperatives) and NDDDB will be assisted under the project. SLDBs, Milk Federation, NDDDB will be Implementing Agency for Implementation of the project.

6. Fund Flow Mechanism:

Funds will be released directly to implementing agencies under RGM for implementation of the project.

Accelerated Breed Improvement Programme

1. Objective of the Project:

- 1.1 Enhancing milk production and productivity through propagation of high yielding animals
- 1.2 Increasing availability of elite animals for milk production and for sale with the farmers
- 1.3 Creating additional income resources for farmers by using high yielding animals as donors.
- 1.4 Increasing availability of disease free animals of desired production and productivity.
- 1.5 Making IVF technology affordable and thereby increasing acceptability of IVF technology among farmers.

2. Action Plan

2.1 Project will be implemented through NDDDB as implementing agency (IA) in identified milk pockets. Milk Federations/Milk Union will be participating Agency (PA) for implementation of the project.

2.2 Selection of service provider

2.2.1 The service providers identified to run operations of CCBF IVF would be allowed to be the service provider for this programme.

2.2.2 The National Dairy Development Board (NDDDB) will float tender/RfP for discovery of rates from service providers for getting assured pregnancy in low producing recipients

2.2.3 Payment to the service provider will be made on the basis of assured pregnancy at 90 days. In case there is no pregnancy established by the service provider there will be no payment (NPNP).

2.2.4 Service provider will be selected on least cost basis and allowed to establish pregnancy among low producing recipients.

2.2.5 Service provider will manage its own IVF lab or may make own arrangement to use IVF lab available in the States, established under Rashtriya Gokul Mission. Service provider will arrange all consumables for the project including hormones for estrus synchronization in recipients **or may arrange to use IVF labs available with CCBFs.**

2.2.6 Service provider will be allowed to use embryos of high genetic merit meeting MSP standards produced from elite donors maintained at its own donor farm or donors meeting MSP standards available with farmers.

2.2.7 Looking at the size of the project, more than one service providers may be awarded the portions of the targeted number of pregnancies with the condition to work in simultaneously at the same cost.

2.3 Selection of donors

2.3.1 Service provider will be allowed to use donors which are disease free as per the protocol prescribed in MSP for semen production. MSP for selection of donors is given at **Annexure-I**.

2.4 Donors available with Farmers:

2.4.1 Service provider will be allowed to use animals above MSP available with farmers as donors for oocytes collection. The milk production record of the donor cows is to be as per the milk recording system approved for Progeny Testing/Pedigree Selection programs under RGM project/ genomically tested. All the donors are to be registered in INAPH data base or certified by Milk Union.

2.4.2 Service provider may make available incentives to farmers managing donor animals @ **Rs 1000 per embryos/Rs 4000 per OPU session**.

2.5 Selection of Beneficiaries:

2.5.1 Farmers interested in taking up IVF technology will register with concerned Milk Federations/milk union or interested farmers may contact NDDDB to taking up IVF pregnancy.

Incentives to farmers

2.5.2 Incentive @ Rs 5000 per pregnancy will be made available to the farmer as Government of India share. Milk Federations/Milk Unions may either further subsidize or facilitate farmers in taking bank loan for IVF pregnancy.

2.5.3 Assistance will be limited under the scheme for production of 1 female calf per beneficiary.

2.5.4 Male calves may be purchased by the LDBs/ semen stations for semen production. In case the male calf does not qualify the prescribed requirements, it would be the discretion of the concerned recipient owner/Milk Union to take decision on the disposal of the male calf.

2.6 Selection of semen:

2.6.1 Service provider will be allowed to use only sex sorted semen of bulls of very high genetic merit. In case of HF sire dam's lactation yield (ME) above 11000 kg; in case of Jersey sire dam's lactation (ME) above 7500 kg and in case of indigenous cattle and buffalo breeds sire dam's lactation (ME) above 4000 kg. In case of crossbred semen

shall be from bulls with dams lactation yield (ME) above 6000 kg in case of CBHF and (ME) above 4000 kg in case of CB Jersey.

2.6.2 In exotic breeds sire with positive estimated breeding values for volume of milk, milk fat and milk protein will be selected. In case of indigenous cattle and buffalo breeds preference will be given to the sires with positive estimated breeding values or genomic estimated breeding values.

2.6.3 Sex sorted semen will be procured by the service provider from 'A' graded semen stations.

2.6.4 Service provider may also use imported sex sorted semen of indigenous/exotic breeds of desired standards and specifications.

2.7 Veterinary Aid:

2.7.1 Concerned Milk Union may take responsibility to provide veterinary aid to the calves born under IVF programme.

2.7.2 Calves born under the programme will be registered using AUID and data shall be uploaded on INAPH data base.

2.7.3 Growth and health data of calves will be maintained by the concerned Milk Union.

2.7.4 At sexual maturity, female calves born under the programme may be inseminated preferably using sex sorted semen of high genetic merit bulls.

3. Beneficiaries covered under the programme

3.1 It is proposed that 2 lakh pregnancies will be established over a project period of 3 years @ 66,000 pregnancy per year. About 2 lakh farmers will be benefitted from the project. During the project period 1.8 lakh female calves with high milk yielding potential will be added to the national milch herd. Project will be implemented through NDDB and during Phase-I, project will be implemented in the milk shed of 87 Milk Unions procuring more than 1 lakh lts of milk per day.

4. Financial Implication:

4.1 Financial implication of the project is depicted in the following table

S. No.	Activity Component	Government of India Share Rs in lakh	Total Rs in lakh
1	Farmers incentives for 2 lakh pregnancies	10000	10000
2.	Parentage testing	500	500

3	Farmers awareness programme (publication of leaflets, organization of seminars, milk yield competition etc)	50	50
3	Monitoring of the project by NDDB	500.00	500.00
4	Mid Term evaluation	50.00	50.00
5	Additional Manpower required at Head Quarter for implementation of the project (Veterinary Consultants (2), data entry operator (2))	60	60
	Total	11160	11160

4.2 An amount of Rs 111.60 crore has been for implementation of the project over the duration of 3 years.

5. Implementing Agency and Fund Flow Mechanism:

5.1 National Dairy Development Board (NDDB) will be the Implementing Agency (IA) of the project. Funds will be released directly to NDDB for implementation of the programme. During 1st Phase, project will be implemented in milk shed of 87 Milk Unions procuring more than 1 lakh lts of milk per day. List of Milk Unions is given at **Annexure II. From the project incentives will also be made available to farmers for getting assured pregnancy through IVF technology from the service providers identified by Government of India for CCBFs located in the State of Gujarat, Rajasthan, Karnataka, Tamil Nadu, Odisha and Uttar Pradesh.**

5.2 **Milk Federations/Milk Unions** will be participating agency of the project. NDDB will release funds to Milk Federations/Milk Union in the bank account linked with PFMS as explained earlier in the guidelines.

6. Impact of the Programme:

6.1 With the implementation of the project 1.7 lakh (85% female calves and 15% male calves) female calves would be born. Out of which 144500 (15% would be deaths and culled with different reasons) high yielding females will be added to the milch herd thus additional 578000 tonnes of milk will be added annually from 1.45 lakh additional high yielding milch animals produced under the programme. Additional amount of Rs 17340 crores will be added annually to the rural economy of the country after three years of the project implementation. Thus with investment of Rs 111 crores return will be Rs 17340 crores from the project or **with investment of Rs 1 in implementation of the project return on investment will be more than Rs 156.**

6.2 Dairy farmers income through sale of milch animals will be increased by 1180 crores by taking cost of the high yielding milch animals as Rs 100000 per animal (In case all the female animals are sold).

6.3 Milk production in the country will grow at a much faster rate. Growth in milk production will be sustainable and will be continued over the years with the proposed investment.

7. Monitoring of the project:

7.1 Project will be monitored by National Dairy Development Board over duration of five years and funds are proposed under the project for monitoring of the project activities. Monthly progress report will be prepared by the participating milk unions/service providers and submitted to this Department through NDDB. All the activities related to IVF pregnancies shall be uploaded on INAPH data base. Provision will be made by NDDB for uploading IVF data on INAPH data base.

State Level

7.2 State/UT Level Review Committee meeting will be held every month under the Principal Secretary (Dairy Development/Animal Husbandry & Dairy Development) of the State to review progress of physical, financial and technical parameters. PD/MD of Milk Union/Milk Federation, CEO of LDB, Director (Animal Husbandry), and breeding experts of State veterinary University will be its members. Joint Secretary, DAHD or his representative will attend meeting once in every quarter.

Milk Federation/Milk Union

7.3 Monthly progress report will be prepared by the participating Milk Union and same will be reviewed by NDDB. All the activities related to implementation of the project shall be noted and submitted to State Dairy Development/Animal Husbandry & Dairy Development Department.

7.4 Milk Federation/Milk Union will facilitate farmers for taking up parentage testing of atleast 10% calves born under the programme in consultation with NDDB. Cost of parentage testing is available at the rate Rs 1700 per test. Test will be conducted at the testing facility available with NDDB. Arrangement will be made by NDDB for sample collection and dispatch of samples to laboratory.

Minimum Standard and specifications for Donors

S no.	Breed	1st lactation yield	Best lactation yield	Breeding value, if available	Gnomically estimated breeding value, (mandatory)
1.	Gir	3500	4000	+Ve	+Ve
2.	Sahiwal	3500	4000	+Ve	+Ve
3.	Red Sindhi	3500	4000	+Ve	+Ve
4.	Kankrej	3000	3000	+Ve	+Ve
5.	Tharparkar	3000	3500	+Ve	+Ve
7.	Rathi	3500	4000	+Ve	+Ve
8.	Murrah	3500	4000	+Ve	+Ve
9.	Nili Ravi	3500	4000	+Ve	+Ve
10.	Mehsana	3500	4000	+Ve	+Ve
11.	HF Pure	9000	10000	+Ve	+Ve
12.	Jersey	7000	8000	+Ve	+Ve
13.	CBJY	3400	4100	+Ve	+Ve
14.	CBHF	4400	6000	+Ve	+Ve

Appendix-I

“A” Graded Milk Unions

LIQUID MILK PROCUREMENT (TKGPD) : PROVISIONAL				
S. No.	STATE	UNION	Avg. 2019-20	Grading
1	BIHAR	Begusarai	455	A
2	BIHAR	Muzaffarpur	227	A
3	BIHAR	Patna	312	A
4	BIHAR	Samastipur	363	A
5	BIHAR	Shahbad	208	A
6	JHARKHAND	Jharkhand Federation	117	A
7	ODISHA	Cuttack	184	A
8	HARYANA	Hissar Jind	117	A
9	PUNJAB	Amritsar	121	A
10	PUNJAB	Jalandar	172	A
11	PUNJAB	Ludhiana	380	A
12	PUNJAB	Patiala	105	A
13	PUNJAB	Ropar	493	A
14	RAJASTHAN	Ajmer	284	A
15	RAJASTHAN	Alwar	147	A
16	RAJASTHAN	Bhilwara	275	A
17	RAJASTHAN	Chittorgarh	113	A
18	RAJASTHAN	Ganganagar	106	A
19	RAJASTHAN	Jaipur	1,140	A
20	ANDHRA PRADESH	Guntur	279	A
21	ANDHRA PRADESH	Krishna	198	A
22	ANDHRA PRADESH	Vishakha	718	A
23	TELANGANA	Karimnagar	155	A
24	TELANGANA	TDDCF	269	A
25	KARNATAKA	Bengaluru	1,582	A
26	KARNATAKA	Belgaum	186	A
27	KARNATAKA	Bijapur	149	A
28	KARNATAKA	Chamarajanagara	234	A
29	KARNATAKA	D. Kannada	436	A
30	KARNATAKA	Dharwad	234	A
31	KARNATAKA	Hassan	874	A
32	KARNATAKA	Kolar	962	A
33	KARNATAKA	Mandya	768	A
34	KARNATAKA	Mysore	545	A
35	KARNATAKA	Raichur	191	A
36	KARNATAKA	Shimoga	520	A

LIQUID MILK PROCUREMENT (TKGPD) : PROVISIONAL				
S. No.	STATE	UNION	Avg. 2019-20	Grading
37	KARNATAKA	Tumkur	704	A
38	KERALA	Ernakulam	305	A
39	KERALA	Malabar	647	A
40	KERALA	Thiruvananthapuram	320	A
41	TAMIL NADU	Chen.Mgr	137	A
42	TAMIL NADU	Coimbatore	152	A
43	TAMIL NADU	Dharmapuri	174	A
44	TAMIL NADU	Erode	209	A
45	TAMIL NADU	Madurai	220	A
46	TAMIL NADU	Namakkal	155	A
47	TAMIL NADU	North Arcot (Vellore)	254	A
48	TAMIL NADU	Salem	477	A
49	TAMIL NADU	Villupuram (S Arcot)	223	A
50	TAMIL NADU	Thiruvannamalai	149	A
51	TAMIL NADU	Tiruppur	232	A
52	TAMIL NADU	Trichy	482	A
53	GUJARAT	Ahmedabad	317	A
54	GUJARAT	Amreli	107	A
55	GUJARAT	Banaskantha	6,014	A
56	GUJARAT	Bharuch	179	A
57	GUJARAT	Bhavanagar	239	A
58	GUJARAT	Botad	124	A
59	GUJARAT	Gandhinagar	269	A
60	GUJARAT	Kaira	3,020	A
61	GUJARAT	Kutch	271	A
62	GUJARAT	Mehsana	2,741	A
63	GUJARAT	Morbi	123	A
64	GUJARAT	Panchmahal	1,362	A
65	GUJARAT	Porbandar	255	A
66	GUJARAT	Rajkot	403	A
67	GUJARAT	Sabarkantha	2,710	A
68	GUJARAT	Surat	1,361	A
69	GUJARAT	Surendernagar	493	A
70	GUJARAT	Vadodara	630	A
71	GUJARAT	Valsad	835	A
72	MADHYA PRADESH	Bhopal	294	A
73	MADHYA PRADESH	Indore	281	A
74	MADHYA PRADESH	Ujjain	170	A
75	MAHARASHTRA	Baramati Taluka	225	A

LIQUID MILK PROCUREMENT (TKGPD) : PROVISIONAL				
S. No.	STATE	UNION	Avg. 2019-20	Grading
76	MAHARASHTRA	Godavari-Kopargaon Taluka	134	A
77	MAHARASHTRA	Jalgaon	270	A
78	MAHARASHTRA	Kolhapur	1,089	A
79	MAHARASHTRA	Pune	215	A
80	MAHARASHTRA	Rajaram Babu Patil-Walwa	135	A
81	MAHARASHTRA	Sangamner Taluka	356	A
82	MAHARASHTRA	Shree Warna	275	A
	Producer Companies			
83	UTTAR PRADESH	Saahaj	580	A
84	PUNJAB	Baani	281	A
85	RAJASTHAN	Paayas	879	A
86	ANDHRA PRADESH	Shreeja	404	A
87	GUJARAT	Maahi	801	A
	Source: Milk Unions & Federations			

BREED MULTIPLICATION FARM

1 Introduction

At present entrepreneurs/farmers interested in taking up dairy programme are facing difficulties in sourcing disease free high yielding heifers or cows and farmers are dependent on either middlemen or other farmers maintaining dairy animals for sourcing low producing animals from other farmers engaged in dairying. There is no system available in the country for producing disease free elite animals of indigenous breeds of cattle and buffalo or exotic breeds of cattle. Therefore it is proposed to establish breed multiplication farms to make available disease free high yielding heifers/ pregnant heifers / cows preferably of indigenous breeds of cattle/buffaloes in the country.

Breed multiplication farm is proposed to be established through entrepreneurship model for making available high genetic merit heifers (HGM) to farmers to fulfill their need of general shortage of such animals.

It is proposed to make available 50% capital subsidy to interested entrepreneur for construction of cattle sheds, equipment, procurement of elite bull mothers etc. The entrepreneur will establish breed multiplication farm (BMF) and produce elite heifers using sex sorted semen or IVF technology.

Disease free heifers produced at the BMF will be made available to interested farmers on cost basis HGM bulls born at BMF will be procured by semen stations for semen production. BMF will also act as the training centre to conduct training for farmers and entrepreneurs.

2 Objective:

- To develop private entrepreneurs for undertaking cattle and buffalo breeding
- To make available disease free high yielding heifers/ pregnant heifers / cows preferably of indigenous breeds of cattle/buffalo.
- To incentivize private individuals Entrepreneurs, FPOs, SHGs, **FCOs**, JLGs, and Section 8 companies for establishment of breed multiplication farm
- Spreading awareness about scientific management practices including animal nutrition, disease prevention etc
- Multiplication of high yielding milch animals through scientific breeding including IVF technology and sex sorted semen

3 Essential Criteria of selection of entrepreneur:

- The entrepreneur-aggregator can be a private individuals / FPOs / **FCOs/SHGs** / JLGs and Section 8 companies.
- Entrepreneur shall have appropriate experience in breeding or rearing of farm animals

- The entrepreneur will be responsible for arrangement of land of suitable size and location. At least having ownership/lease deed of suitable size of land to house 200 animals and its followers.
- Any individual/ organization **availing** loan facility under Animal Husbandry Infrastructure Development Fund (AHIDF) for establishment of breed multiplication farm would also be allowed to obtain subsidy under breed multiplication farm.
- Entrepreneur will make its own arrangement for procurement of feed and fodder as per requirement of the farm.

The entrepreneur will establish breed multiplication farm of atleast 200 milch cows / buffalo and using latest breeding technology for continuously upgrading stock.

- The entrepreneur may make available 116 elite female calves to farmers on cost basis out of 160 calves born at the farm. Sex sorted semen and IVF technology will be used by the entrepreneur for production of female calves. Remaining female calves may be used for replacement of the stock available at the farm
- The entrepreneur will make available high yielding heifers/ pregnant heifers/cows to the farmers / small entrepreneurs interested in taking up dairying. The entrepreneur will also guide farmers on animal nutrition, vaccination, disease testing, maintaining bio-security etc and also provide veterinary aid to the farmer.

4 Funding pattern:

- (i) Each entrepreneur will be provided as one time assistance from Central Government for establishment of breeder farm @ 50% of project cost. The other 50% should be managed by the beneficiary by obtaining loan from scheduled banks/ any other financial institutions like NCDC etc. Loan period, margin money and collateral may be as decided by the financial institution.
- (ii) The capital subsidy will be provided for the cost of housing, procurement of breeding animals along with transportation & insurance cost, equipment /machines in the form of capital cost (except land).
- (iii) The subsidy will be routed through NDDB.

5 Implementing Agency and Fund Flow Mechanism:

Project will be implemented through NDDB as implementing agency of the project. Subsidy will be released directly to in the beneficiary loan account through NDDB.

6 Project Approval and Monitoring:

- NDDDB will float expression of interest for submission of the project as per guidelines of the scheme.
- Entrepreneur will formulate bankable proposal as per guidelines and submit proposal directly to NDDDB. Entrepreneur will also tie up with bank/financial institution for obtaining 50% of the project cost as loan.
- On receipt of such proposals from entrepreneurs a committee constituted by Implementing Agency (NDDDB) will screen all the application for eligibility.
- Eligible projects will be recommended by Implementing Agency (NDDDB) to concerned bank/ financial institution for loan sanctioning.
- Implementing Agency (IA) will obtain proof from the bank/ financial institution that loan amount is sanctioned to entrepreneur and submit project for approval of DAHD.
- First installment of the 50% of the subsidy amount will be released after approval of the project by DAHD and **after bank/financial institution releasing 1st tranche in to the loan account of entrepreneur.**
- After the receipt of the report from Implementing Agency that full infrastructure is in place and animals have been inducted **another 25% of the subsidy amount will be released.**
- After receipt of report from Implementing Agency that births of 10% calves have been completed at the farm, **the remaining** balance 25% of the subsidy amount will be made available to entrepreneur.
- The assets will be monitored through GIS tagging. The State Government will be advised for physical monitoring of beneficiaries at regular interval.

Total Project Cost:

- Amount of Rs 4.00 crores will be required for establishment of breed multiplication farm with the capacity of 200 milch animals. Therefore, maximum subsidy will not exceed Rs 2.00 crores.

MODEL PROJECT:

Technical Programme:

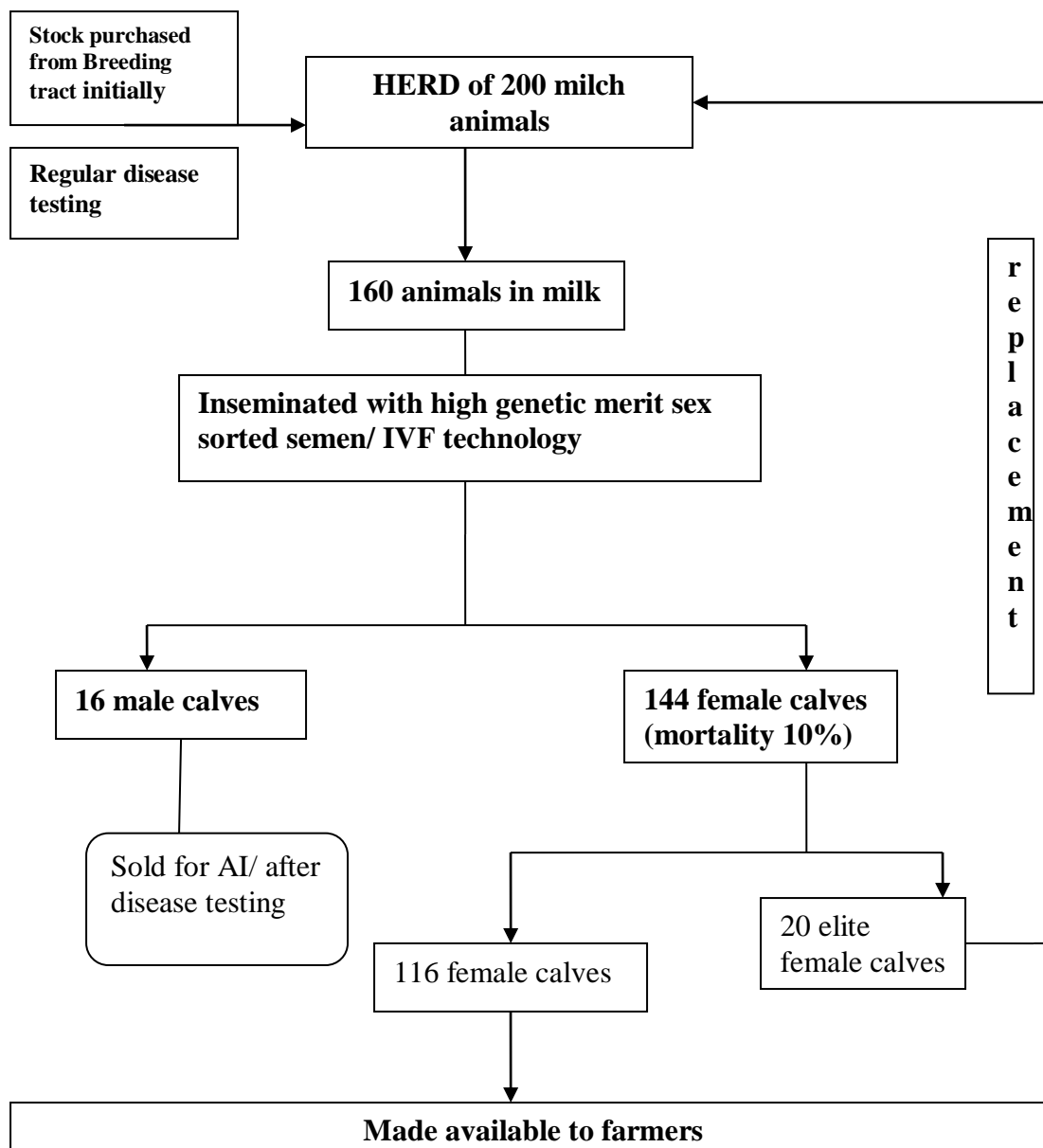
200 cows/ buffalo of high yielding preferably of indigenous breeds will be inducted at the farm. Animal of indigenous breeds like Gir, Sahiwal, Red Sindhi, Tharparkar etc in case of cattle and like Murrah, Mehsana, Banni, Jaffarabadi, Nili Ravi etc in case of buffaloes) will be purchased from the breeding tract. Indigenous animals shall be yielding more than 3000 kgs per lactation (standard lactation yield). Exotic animals yielding more than 8000 kg per lactation in case of HF and 5000 kg per lactation in case of Jersey shall be allowed to be maintained. Crossbred animals shall be yielding more than 5000 kg per lactation in case of CBHF and 4000 kg in case of CB Jersey

Animals will be inseminated with sex sorted semen preferably of progeny tested bulls with dams lactation yield above 4000 kgs in case of indigenous cattle/ buffalo breeds. Semen straws will be purchased from different semen stations in the country.

Farm may use IVF technology and implant embryos of indigenous cattle/buffalo breeds with high yielding potential. In embryo production donor of indigenous cattle/buffalo breeds may be yielding more than 4000kg and semen may be from indigenous cattle /buffalo bulls with dams lactation yield above 4000 **(in case of Kankrej more than 3000 kg and in case of Tharparkar more than 3500 kg)**. Bulls used in embryo production preferably progeny tested/ genomically tested.

About 140 female calves and 15 male calves will be born at the farm annually. 20 female calves from the elitist of elite dams will be retained at the farm for replacement of the herd @ 20% per annum. About 116 female calves would be sold to the farmers in the region.

Animals will be tested annually for Tuberculosis, Johnes Disease (JD), and Brucellosis and positive animals will be removed from the herd. Herd will be declared free of above diseases. The animals will be vaccinated against FMD (six month interval), HS (annually), BQ (annually), and Theileriosis (once in lifetime in case of exotic/crossbreds). However, the vaccination against the bacterial diseases will be done only if there is an outbreak or prevalence of a particular disease in the State. Exotic animals will also be tested for genetic disorders.



SOURCING OF ANIMALS:

Pure bred animals of indigenous breeds will be procured from breeding tract. Animals will be selected on the basis of the dams performance (breeding value, lactation yield & milk fat %) and sires' information. CHRS units will help the entrepreneur in procurement of animals.

Marketing support to entrepreneur

NDDB will provide support to entrepreneur in marketing of milk and heifers produced at the farm

Indicative cost of model project for establishment of Breed Multiplication Farm

S. No	Particulars	Total Cost (Rs in lakh)
1	Purchase of cows in first lactation/2 nd lactation	200
2	Construction of cow sheds 10 sq meter per cow (sheds to house 200 cows and its followers	100
3	Construction of isolation shed	2.5
4	Administration block	20
5	Feed & fodder store room	40
6	Tractor 75 HP, with agriculture implements	10
7	Dairy equipments (BMC, stainless steel Milk cans, digital milko tester, deep freezer etc)	5
8	Shed for Agri implements	22.5
9	Chaff cutter (electric)	1
	Total	401

Entrepreneur may be allowed to maintain herd of exotic/ crossbred. However may use IVF technique to produce calves with high genetic merit of indigenous breeds.

MULTI PURPOSE AI TECHNICIANS IN RURAL INDIA (MAITRIs)

Introduction

Artificial insemination is important tool for enhancing milk production and productivity of bovines. After making several efforts AI coverage in the country is still limited to 30% of the breedable bovines and 70% of the breedable animals are covered through scrub bulls of unknown genetic merit. In developed nations 100% of the bovine population is under Artificial insemination coverage.

One of important impediment in extending AI coverage in the country is shortage of trained AI technicians. For effective AI coverage about 2,02,469 AI technicians will be required against this 1,16,586 AI technicians are available in the country leaving a gap of 90958 AI technicians.

The primary focus of the project is to enhance productivity of existing bovine population by increasing Artificial Insemination coverage through establishment of Multi Purpose Artificial Insemination Technicians in Rural India (MAITRIs) to deliver artificial insemination services at farmers doorstep on self sustainable basis through collection of cost of goods and services. Benefit of the project directly accrue to 90958 educated rural youth and about 8.12 crore farmers engaged in dairying will get indirect benefit in terms of increased productivity and milk production.

2. Objectives:

- (i) Provide quality training to educated rural youth to deliver artificial insemination services and veterinary first aid at farmers' doorstep on self sustainable basis.
- (ii) Enhancing AI coverage from 30% to 70% of the breedable bovine females in a time bound manner;
- (iii) Establishment of AI technicians through provisions of AI equipments/consumables after training

3. Establishment of MAITRIs:

3.1 The project will accomplish training of MAITRIs through existing AI training institutes already accredited by Central Monitoring Unit of DAHD with State Animal Husbandry Departments, Dairy Cooperatives, reputed NGOs (BAIF and JK Trust) and National Dairy Development Board (NDDB). Minimum requirement for training institute is at Appendix-I

3.2 The Veterinary Universities (13)/ Veterinary Colleges (41) managing large breeding farms and sufficient number of animals for practical training may also be allowed to conduct training.

3.3 After training AI technicians will be established as MAITRIs in their respective Gram Panchayats by providing AI equipments and maintaining regular delivery of AI consumables in the form of semen doses and liquid nitrogen.

4. Target Segment/ Beneficiaries

4.1 The project will create direct employment opportunities for 90980 eligible educated rural youth.

4.2 Eligibility criteria for selection of trainee:

4.2.1 MAITRIs shall be chosen from unemployed educated rural youth so as to generate employment. These workers will be chosen from the local area, as they know the area and utility of the timely AI service. Pashu Sakhis established under DAY NRLM may also be selected by the States for training and established as MAITRIs

4.2.2 Minimum education qualification: 10th Pass and minimum age for AI workers may be fixed at 18 years by IA.

5. Curriculum and Standards:

5.1 Curriculum

MAITRIs will be trained using uniform training module developed and approved by DAHD. IA/AITI will obtain approval of DAHD for making changes in the approved syllabus if any. Detailed curriculum is given at Appendix-II.

5.2 Duration of Training:

5.2.1 MAITRIs shall be trained at the accredited training institutes for duration of 3 months (1 month classroom training and 2 month practical training). During the training regular test and exams will be conducted by AITI at regular interval.

5.2.2 MAITRIs proposed to be established under RGM by IAs/PIAs will be multipurpose workers along with AI they will take up:

- veterinary first aid,
- vaccination,
- agent for livestock insurance,
- ration balancing,
- milk recording,
- data entry in national database,
- agent for distribution of fodder seeds root slips and stem slips etc.
- Demonstration on feed management, health management breeding management will also be conducted through MAITRIs under RGM

5.3 Mobilization of Candidates:

A committee shall be constituted by District Veterinary officer of the concerned state for selection of the candidates as per requirement in the district. Preference will be given to local educated unemployed rural youth especially of dairy farmers registered under co-op societies and migrant workers returning home. Gram panchayats will be involved at all stages in the selection of trainee. Only candidates interested in working as MAITRIs will be selected.

5.4 Registration of Trained MAITRIs

After completion of training, certificate and Registration Number will be issued to MAITRIs by the concerned training institute. All the MAITRIs with AI service providers will be registered by the concerned State Animal Husbandry Department.

The MAITRI ID card shall have following: Registration No. : starting with state code (two alphabets as used in vehicle number) /AITI code (3 alphabets) /F or R (F for Fresher and R for existing AIT who has attended refresher training)/five digit serial number (unique serial no. for the AIT) **e.g.HR/ROH/F/00001 means MAITRI of Haryana State trained at accredited AI Training institute at Rohtak in Fresher Training on AI with serial number of 00001.**

- Passport size recent coloured photo
- Name
- Father's Name
- Date of Birth
- Date of attending last fresher or refresher training program
- Expiry date (based on due date for next refresher training)
- Aadhar Number
- Blood Group
- Present Address

All the MAITRIs working in the State will be registered by the State Animal Husbandry Department.

5.5 Retraining/Refresher training of MAITRIs

If MAITRIs are found to be deficient in their skill, then they will be retrained at accredited training institutes for duration of 5 days. All MAITRIs will be retrained after every 3 year for duration of 5 days at accredited institutes.

6. Payout Package

6.1 Cost of Training

The cost of the training to be Rs 31,000/trainee for a minimum batch size of 30 trainee / batch with duration of training of 90 working days. The training includes 1 month classroom training programme and 2 month practical training programme. The training

cost per trainee will also include lodging and boarding of trainee, strengthening of training centre, consumables and printing of training modules in local languages. The breakup of the cost of training is given in the following table:

Item wise cost of training for a batch size of 100 trainee

S. No.	Item	Cost (in Rs)
1	Cost of training /Training Fee, including training manual, MSP and SOP for AI, consumables, slaughter house organs, management of farm, books and other documents	20, 000/ Trainee
2	Hostel fees	3000/ Trainee
3.	Miscellaneous expenditure including management of library, strengthening training centre, water supply, electricity supply etc.	2000/ trainee
4.	Boarding grant for 1 month	Rs 6000/-
	Total	31000/ Trainee

6.2 Placement support for MAITRIs:

After completion of training AI workers will be established as MAITRIs under the scheme. Equipments costing Rs 50,000 per MAITRIs will made available. Item wise cost per trainee is given in the following table:

S. No.	Item	cost /Trainee
1.	Portable 3 lts biological cryocontainer with canisters and goblets	Rs 8000/ AIT
2.	Mother Cryocontainer @ 1 per 5 AI technicians; Rs 25000/container	Rs 5000 / AIT
3.	AI kit (digital AI gun, straw holding forceps (tweezers), deep stick, straw cutter, thermos flask, digital unbreakable thermometer, Gum Boots, Apron, cap, kit bag, Gun holder, sheath holder, scissors, castrator, trevis etc)	Rs 32000 / AIT
4.	Transport cryocontainer @ 1 per 5 AI technicians Rs 25000/container	Rs 5000 / AIT
	Total	50,000/ AIT

6.3 Post Placement support to MAITRIs:

6.3.1 Incentive admissible under Nationwide AI programme will also be made available to MAITRIs proposed to be established under the project.

6.3.2 Placement: After training MAITRIs are established as private AI technicians and free to collect cost of goods and services made available to farmers.

7. Fund Flow under the project:

The funds will be released directly to the Implementing Agency to make payment to the PAs on the basis of targets set under the project and achievements made by PA. It will be the responsibility of IA to submit utilization certificate and MPRs to DAHD.

8. Monitoring:

8.1 State Implementing Agency/ Livestock Development Boards will constitute Technical Project Monitoring Committee (TMC) headed by Principal Secretary /Secretary State Animal Husbandry Department. Meeting of TMC will be organized after 3 month.

8.2 State will use Management Information System (MIS) to submit reports viz. Monthly Progress Report (MPR), and Quarterly Progress Report (QPR) to Government of India as per prescribed formats, within the stipulated time frame.

8.3 DAHD will depute its officers for monitoring of the project at State level.

8.4 Monthly progress reports and quarterly progress reports will be obtained from IA

8.5 Account of IAs will be open to monitoring under Rashtriya Gokul Mission

8.6 Third party evaluation of the project by an independent agency

8.7 Activities undertaken by MAITRIs will also be monitored through use of Pashu Sakhis

9. Evaluation and accreditation of AI training institutes:

AI training institutes with the faculty and facility as per MSP and SOP as prescribed by DAHD will be identified by IA and IA will conduct training immediately after identification.

10. Registration of MAITRIs with AI service providers

MAITRIs will be registered and brought under the control of the AI service provider who will monitor performance of the AI worker, ensure maintenance of breeding records and recommend further re-training of the worker if the skills attained are not adequate.

9.5 Online Monitoring

Data on AI carried out by MAITRIs will be uploaded on INAPH data base. Performance of MAITRIs working in the field will be assessed by IAs through INAPH data base.

Required Standard Facilities at AI Training Institute

1. Class room facilities:

For a batch of 30 trainees, there should be a class room having minimum of 400 square feet area. If there are more than 30 trainees, there should be an additional class of 400 square feet area.

A laboratory having minimum 500 square feet area for practical classes is required. This laboratory should have facility to store reproductive organs, keep different models of animals and reproductive organs and space to keep semen and liquid nitrogen storage containers.

There should be a library and reading room having books and journals on cattle, breeding, indigenous breeds and dairy.

2. Teaching aids

The class room must have the following:

- Adequate chairs and tables for trainees
- White board
- LCD Projector
- Computer
- Charts and Models
- The centre must have the required quantity of semen doses and LN storage containers, AI guns, and required AI accessories.
- Reproductive organs must be obtained from a nearby slaughter house for palpation and passing a gun.
- Ear tags and ear tag applicators
- Measuring tape for estimation of body weight
- ICT aids (Computer, note books or PDAs, printers etc.,

3. Animal housing facilities for practical training

- For practice, the centre should have minimum one animal for six students.
- The centre may have its own animals for practical classes or tie up with nearby Gaushala or Pinjarapoles or slaughter house for practical training. Every trainee must pass AI gun in at least 20 animals during entire period of class room training.
- If the centre has its own animals, there should be a proper shed, a Trevis /an AI crate and a godown to store feeding material. Animals should be replaced every six months.

4. Lodging and boarding facilities for trainees

- The centre should have proper residential facilities for trainees including kitchen and minimum recreational facilities.
- The AI training Institutes may outsource the board and lodging facilities to an external agency through a formal agreement for at least a period of two years. The copy of the formal agreement should be kept for record for requirement at the time of Accreditation process.

5. Understanding with AI service providing organisations for practical training

- The Centre should have some formal arrangement with AI service providing organisations for its trainees to receive apprenticeship training for 60 days.
- During practical training each trainee should do minimum 75-100 AIs and the same numbers of P.D.s. The AI Centers having such work performance should be selected for apprenticeship training. The trainer of A.I. Technician should have enough experience (3 to 5 years) to impart practical training to trainee A.I. Technicians.
- Trainees should also get opportunities to address farmers meetings to develop confidence and do extension activity effectively.

6. Records/Documents for a AI training Institute

- 1) Trainees' records of registration
- 2) Trainees' daily attendance record
- 3) Records of successfully completed trainees
- 4) Summary of feedback obtained from trainees
- 5) Annual progress report / Training Brochure(optional)

Curriculum and course content for AI technician training

A. Duration of training

- 1) AI basic training:
 - Class room training along with practical training: 30 days
 - Practical training in the field with AI service provider: 60 days
- 2) AI refresher training:
 - Classroom and Practical training -- 7 days

B. Admission norms:

1. AI Basic Training:

The participant of this programme should have at least passed in 12th standard examination with not less than 18 years of age.

2. AI Refresher Training:

The participant of this programme should be a practicing AI technician having at least 1 year relevant work experience and should have undergone AI Basic training.

C). Class Room:

- 1) Different breeds of cows and buffaloes and their production and reproduction parameters
- 2) Conservation and development of indigenous breeds through selective breeding.
- 3) Benefits of Crossbreeding and genetic improvement of dairy animals
- 4) The existing State Breeding Policy and its enforcement.
- 5) Introduction to AI, and its importance, role of AI in genetic upgradation across nations, Natural Service (NS) Vs AI, advantages and limitations.
- 6) External and internal body parts of a dairy animal and their function
- 7) Male reproductive organs & their functions
- 8) Semen, its collection, evaluation, processing, preservation

- different types of semen packing,
- structure of mini and medium straws
- information printed on straw and its importance
- Breed wise Straw colour codes

9) Female reproductive organs & their functions

10) Oestrus cycle:

- Internal and external symptoms at different stages of oestrus cycle
- Correct time of insemination
- Determinants of first AI in heifers
- Methods of heat detection in cattle and buffaloes

11) Normal reproductive cycle

12) Puberty, Maturity, Breeding, Fertilization, Implantation, Gestation and Calving

13) Ideal calving interval

- Service period, dry period and Inter-calving period

14) Process of insemination:

- Collecting History
- Standard Operating Procedure (SOP)

15) Importance of:

- Proper method of semen withdrawal from container
- Proper thawing
- Proper preparation of AI gun
- Proper site of semen deposition
- Care of animal during & after insemination

16) AI equipment and accessories & their care

17) Liquid nitrogen handling:

- Structure of LN container
- Handling & care of LN container
- Precaution in handling of LN
- Different models of LN containers
- Importance of maintaining cold chain and LN refilling schedule.
- Proper LN level in container & its checking. Evaporation rates and refilling interval of commonly used containers in the field under normal working conditions.

- LN conservation measures
- 18) Pregnancy Diagnosis
 - 19) Methods of calculating conception rates and factors affecting conception rates
 - 20) Method of drying of animals on completion of 7th month pregnancy.
 - 21) Common reproductive disorders/ diseases, repeat breeding, causes of abortion, etc.
 - 22) Measures to obtain maximum fertility
 - 23) Ear tagging , importance of record keeping, recording formats and submission of records into the INAPH application(offline & online versions) through
 - 24) PDA/Netbook/Desktop (training in data entry with dummy data on test server, different flash messages, saving the data, synchronization of data with the server and using action reports in day to day work.
 - 25) Starting an AI centre
 - 26) Method of non-surgical castration
 - 27) Care and management of new born calf and heifers till it becomes pregnant at farmers perception.
 - 28) Care and management of Dry Pregnant animals
 - 29) Care and management of animals before and after calving, precautions at the time of calving and use of naval kit for disinfection of naval cord
 - 30) Importance of Animal housing and general management in getting full expression of genetic capability
 - 31) Importance of bio-security measures to be adopted during AI.
 - 32) Economically important diseases and their prevention through timely vaccination; various available vaccines; vaccination schedules; importance of maintaining cold chain
 - 33) Basic aspects of nutrition and concept of Ration Balancing
 - 34) Importance of proper nutrition including feeding of vitamins and mineral mixtures and deworming in fertility management with emphasis on the adverse impact of macro and micronutrients deficiencies on fertility status/reproductive health of animal.

- 35) Vaccination schedule for FMD, HS, BQ, Brucellosis and Anthrax (in Karnataka and Assam)
- 36) Veterinary first aid
- 37) Hygiene clean milk production and prevention of mastitis
- 38) Importance of Animal Insurance; various insurance schemes
- 39) Various government schemes in the dairy sector: RGM, NPDD.

D. Case Studies

- 1) Advantages of AI over natural service.
- 2) Advantages of following SOP for AIT-better conception rate and its impact over a period of five years.
- 3) Record keeping and using INAPH.
- 4) Extension activities related to animal husbandry (activities on Breeding, Health and Nutrition).
- 5) A farmer coming to AI Worker with an animal for insemination with following history of oestrus:
 - 3rd day after heat,
 - On the day of full moon
 - Just on the time of starting of heat
 - Animal with pustular/watery/bloody vaginal discharge.
 - Gestational heat
 - Post partum heat after one month of calving.
 - Heifer in heat with lower body weight.
- 6) Care of young calves till its pregnancy
- 7) Effect/impact of good AI technician Vs inefficient AI technician
- 8) Superstitious believes Vs Scientific method of breeding
- 9) Any new case study relevant to the case study as approved by Principal of the concerned AITI.

E. Audio Visual materials:

- 1) Animal reproduction and AI

- 2) Changing lives
- 3) DO and DONOT of AI
- 4) Hygienic milk and milk product processing and packagining
- 5) Year round fodder production
- 6) Animal health care (Diagnostics for control and eradication of diseases – FMD, HS, PPR, and avian diseases)
- 7) Improving quality and utilization of poor quality roughages
- 8) Mineral mixture for increased animal productivity
- 9) Organic farming for sustainability and profitability
- 10) Any other material relevant to the course content as approved by the the Principal of the concerned AITI.

F. Practical

- 1) Identification of different female reproductive organs on morbid Genitalia
- 2) Palpation of female genitalia in a Phantom box and passing of AI gun
- 3) Structure of LN container:
 - different models
 - handling & care
 - checking LN level
- 4) AI equipment & accessories:
 - handling & care including sterilisation
- 5) Palpation of female genitalia in live animal
- 6) Passing of AI gun in live animals
- 7) Demonstration of:
 - proper method for withdrawal of straw from containers
 - proper thawing procedure
 - proper preparation of gun
 - correct site of semen deposition
- 8) Pregnancy diagnosis at 90 days & beyond

9) Ear tagging

10) Record keeping and INAPH

G. Study visits

Study visits to any of the following places within/outside the State as deemed appropriate, by the AI training Institutes:

- AI Centre
- Cattle Feed Factory(optional)
- Dairy Farm
- Exhibitions and Krishimela/Pashumela (optional)
- Semen Station
- Dairy processing plant
- Fodder farm/Demonstration farms

H. Faculty profile and requirement (for a batch size of 30 trainees)

1. Veterinary Officers:

Minimum two Veterinarians are required with educational qualification of BVSc & AH and 3 years of work experience in AI, Breeding, Health and Management of Cows and Buffaloes along with experience in providing on the job practical training and delivery of lectures.

2. Support Staff:

Minimum one support staff is required with graduation in any discipline

I. Tests during Training:

Class Room Training:

- Fortnightly written test on topics covered.
- Final written test at the end.
- Final practical test to evaluate the skills learnt

J. Pass marks:

- Minimum three theoretical tests and one practical test may be conducted.
- Minimum 50% in each of the test including the final tests.⁴

Nationwide AI programme

1. Objectives

The programme will be implemented with the following objectives.

- a) Delivery of quality artificial insemination services at farmers doorstep in districts with less than 50% A.I coverage.
- b) Enhancement in milk production and productivity of bovines thereby increasing farmers income.
- c) Better acceptability of artificial insemination services among farmers through implementation of organized farmers awareness programme

2. Area of Operation and Duration of Project:

2.1 The component will be implemented in 607 identified districts having less than 50% A.I coverage from 2021-22 to 2025-26 over a period of 5 years covering around 300 lakh breedable bovine females annually.

2.2 Saturation of the selected village will be ensured by covering all available breedable bovines through Artificial insemination under the programme. Artificial insemination services will be made available free of cost at farmers doorstep under the programme

2.3 District should ensure that all the breedable bovines available in the selected villages are covered completely under the programme. Short listing of villages shall be done based on the breedable bovine population of the villages as per the 20th Livestock Census.

2.4 In case of Hilly States, North Eastern States and Union Territories (Himachal Pradesh, Uttarakhand, Union Territories of Jammu and Kashmir and Ladakh), the programme will be extended to all villages and to all districts.

2.5 Every selected village has to be allocated separate A.I worker/ MAITRI so that 3-4 AI per A.I worker/day is done and every district achieves **900-1200 A.I per day**.

2.6 The selection of districts will be based on the A.I Coverage data made available by the States during 2019-20. All breeds of cattle and buffaloes will be covered under this programme. Monitoring of the project and follow-up of all the animals covered under the programme shall be continued till calves born.

3. SELECTION OF VILLAGES:

All breedable bovines available in all the villages of the district shall be covered

through free Artificial Insemination service thereby, ensuring complete saturation of the whole district under the programme. Special emphasis to be given to those villages, which were not covered so far under NAIP Phase I & II.

Selection of districts is based on the A.I Coverage data made available by the States during 2019-20. All breeds of cattle and buffaloes will be covered under this programme. Monitoring of the project and follow-up of all the animals covered under the programme shall be continued till calves born.

For better implementation of the scheme, the scheme shall also be included under District Development Coordination and Monitoring Committee (DISHA).

4. Funding Pattern:

The component will be implemented on 100 % grant in aid basis.

5. Implementing Agencies:

5.1 The programme will implemented by Implementing Agencies (IAs) such as State Livestock Development Boards, Milk Federation etc. Funds will be released directly to the Implementing Agency (IA).

6. Action Plan:

6.1 All available eligible breedable bovines will be covered through artificial insemination in selected village.

6.2 Participating farmers' low producing Indigenous cows should be upgraded with the semen of High yielding Indigenous Breed bull (selective breeding) with the Minimum Standards (MS) of above 3000 Kgs. Non-descript cows either may be upgraded with the semen of high yielding Indigenous breed (grading up) meeting above mentioned defined minimum standards or using semen of exotic breeds (Cross breeding) with minimum lactation yield above 10000 kg in case of HF and 7,000 kg in case of Jersey. Crossbred cows may be upgraded with the use of semen of high yielding crossbred bulls (interse mating) with dams lactation yield in case of CBHF of above 6000 kg and in case of Jersey dams lactation yield above 4000 kg as per the State breeding policy. Further, indiscriminate cross breeding shall be avoided by adhering to the notified State breeding policy.

6.3 Non descript buffaloes should be upgraded with the semen of high yielding buffalo bulls like Murrah/Nili Ravi/ Mehsana/Jaffarabadi with minimum lactation yield above 3000 kgs as per the State breeding policy and descript buffaloes may be upgraded through selective breeding using HGM bulls of the particular

breed.

- 6.4 In villages where co-operative societies are available, A.I shall preferably be done through Dairy Cooperative Societies (DCS)/ through cluster AI centres of dairy co- operatives.
- 6.5 Though 3 A.I's are allowed per animal, in case of animals conceived with a single/ double AI, the rest of the semen doses shall be used for additional animals (Cattle and Buffalo).

Procurement of Breeding Inputs:

- 6.6 The semen doses for the programme shall be procured by the concerned State Implementing Agency as per the Standards and specifications in the form of Minimum Standard Protocols (MSPs)/ Standard Operating Procedure (SOPs) formulated by Government of India.
- 6.7 **Standards for Selecting Semen:** High Yielding Indigenous breed (HYIB) semen to be used should meet the standards and specifications prescribed in MSP for semen production and dams lactation yield should not be below 3000 Kgs/lactation. For semen of HF and Jersey, MSP shall be of 10,000 Kgs for HF and 7000 Kgs for Jersey respectively. For Buffaloes, in case of non- descript buffaloes, semen of Murrah/ Nili-Ravi with MSP of 3000 Kgs and above may be used, as it is easily available. For descript buffaloes, minimum MSP as decided by Government of India should be used. All purchases of semen should be from the 'A' graded Semen Stations accredited by Central Monitoring Unit (CMU) only.
- 6.8 **Sire Directory or Details of Bulls whose Semen is used for A.I** – Concerned IA shall make relevant available copies of sire directory in regional languages to the A.I technician giving details of Bull identification number, Dam's lactation yield/ Breeding value, fat % including the photograph of the used bull. The A.I technician shall make this information available to the farmer and after performing A.I, the empty straw shall also be made available to the farmer, who can check it through Sire Directory available on e-pashuhaat.

Training:

- 6.9 Trainers' trainings on data uploading on INAPH data base have already been completed in the States. Training of all the A.I technicians shall be organized with the help of these TOT's again in every district, where District Animal Husbandry Officer (DAHO)/ District Veterinary Officer (DVO) should also update them on technical aspects of A.I.

6.10 A.I technicians village wise shall be ear marked by the District Coordination team and their name and mobile number shall be made public for use of farmers.

6.11 The AI technician shall perform AI following SOPs formulated by Government of India. Copy of Standard Operating Procedure (SOP) for AI shall be made available to AI technicians.

Tagging:

6.12 All the animals covered under the programme shall be identified using AUID and their data shall be uploaded on INAPH data base. After AI, the animal shall be followed up for pregnancy diagnosis till calf born and all the events shall be recorded by the AI technician on the data base.

Parentage Testing:

6.13 Parentage testing shall be done @ 100 calves/district for of the calves born under NAIP III @ testing cost of Rs. 3400/- (testing has to be done for both dam and calf @ Rs.1700/- as testing fee for each sample of dam and calf).

Data Uploading on INAPH:

Procedure for uploading of data:

6.14 The technician has to open the INAPH LITE application, on INAPH database.

6.15 He has to enter his user ID and password (provided by NDDB to IA).

6.16 He has to fill up the registration form on Animal Details. He has to fill all the fields compulsorily (Stepwise format attached at Annexure III). Wherever boxes are provided, he has to enter the numbers or √ marks or option to be chosen from dropdown list).

6.17 After filling up animal registration, he has to fill up details of the owner of the animal.

6.18 Once registration of animal and owner is over, he has to fill up details on A.I under A.I transaction.

6.19 After 3 months of insemination, he has to fill up the result on pregnancy

diagnosis whether the animal has become pregnant or not.(√)

- 6.20 After an approximate period of 10 months, he has to enter the data on details of calving.
- 6.21 If tablets are not available, data entry sheets have to be printed and supplied to the A.I technicians by the concerned IA's. AI technicians shall record information on the data sheet and shall either themselves upload the data through their mobiles or shall submit to the officer designated by District authorities for uploading of data on INAPH database.
- 6.22 Data uploaded by AI technicians / District/Block level with desktop facility on INAPH data base may be used for online monitoring of the project activity.

Data Reporting of Progress on INAPH:

- 6.23** Daily reporting of village wise and district wise progress on the No. of AI done shall be done by the concerned DAHO on INAPH data base so as to provide public scrutiny/ assessment of the programme. Reports on follow-up on the A.I done, that is Repeat A.I, Pregnancy diagnosis after a period of 3 months of A.I and calves born details after gestation period (280 days in case of cows and 310 days in case of buffaloes) of AI shall also to be uploaded on INAPH. The DAHO shall ensure that the progress is uploaded for all activities related to A.I on INAPH immediately, to ensure that the data made available is on real time basis.

Farmer Awareness:

- 6.24 At village level: Display board should be placed in every selected village indicating that all the eligible female bovines (cattle and Buffalo) in the village are covered under NAIP through free AI service at farmers doorstep.
- 6.25 Banners should be displayed in prominent places and also at sites where A.I is done. Village wise details of AI technicians shall be shared by State and same detail will be displayed in each village through wall paintings, posters etc.
- 6.26 Village wise details of AI technicians shall be shared by State and same detail will be displayed in each village through wall paintings, posters etc.
- 6.27 **At district level:** A fund of Rs.5 Lakhs per district has been made available for publicity at village and district level (wall writings, banners), storage and transportation of semen doses, AI consumables and monitoring. Leaflets in regional language should be prepared by the concerned DVO on the following and to be distributed compulsorily to all the farmers for creating awareness.
- Benefits of A.I over natural service

- **Detection of heat**
- Regarding the information printed on the semen straw -bull No., Breed, MSP etc
- Advantages of high yielding semen for enhancing the productivity.
- Management of cryo containers and liquid nitrogen
- Expected date of pregnancy diagnosis
- **Creating awareness among farmers to ask for the empty straw from the A.I technicians after A.I is performed, to know about the details of semen used for A.I and about the bulls.**

6.28 **Public Participation:** Member of Parliament along with Member of Legislative assembly shall be invited for the inauguration programme. The programme shall be organised to create wide publicity in a simple manner.

6.29 **At State level:** For creating awareness about the programme at State level, Rs.5.00 lakh has been made available for printing of A.I formats, preparing and broadcasting of Radio jingles on the importance of A.I, organising awareness camps and Publicity through Television.

7. Monitoring of the Programme:

7.1 **District level:** At the district level, scheme shall be monitored by the District Monitoring committee headed by Collector/District Magistrate, Member secretary – DAHO and the Implementing agency, which will hold weekly review meetings ascertaining the progress of the programme, with special reference to AI technicians in the selected villages and the media campaign launched in local language to make the farmers aware of the programme.

3.1 **State level:** State Animal Husbandry Department shall constitute a State Monitoring Committee headed by the Principal Secretary of the department and its members should be Stake holders involved in AI. In each State, a nodal officer shall be nominated by the State for coordination with the centre. The State Monitoring Committee will meet weekly during the campaign. The State government may change the administrative arrangement of review but will ensure that the weekly review takes place at a level above District Animal Husbandry Officer/District Veterinary Officer and the minutes are shared with the District Collector and the Secretary In charge of Animal husbandry Department in the State.

3.2 **Central Monitoring Committee** Central Monitoring Committee has been constituted in the Department of Animal Husbandry and Dairying (DAHD) and regular meetings of TMC will be held on monitoring of the programme. In this regard, 3 Veterinarians and 1 Management Consultant will be hired for monitoring

the AI progress. Three data entry operators will be hired on consolidated salary basis of Rs. 18000/-month.

3.3 DAHD shall depute its officers for monitoring of the programme at State level.

7.6 Call Centre at DAHD: Call centre created under NADCP programme will be utilized for NAIP to undertake concurrent evaluation of the programme.

8. Incentive Package for AI technicians:

8.1 All Incentives shall be transferred through PFMS by the State to AI technicians as per the guidelines issued by GoI.

8.2 Incentive for Tagging: An incentive of Rs.2.50 per animal will be given for tagging under NADCP.

8.3 Incentive will be made available to the private AI technician/MAITRIs @ Rs 50/ per AI and Rs. 100/- per calf born. All incentives for private A.I technicians/ MAITRIs to be disbursed strictly based on the data uploaded on INAPH and verification of the data by the concerned District Animal Husbandry Officer (DAHO). No incentives shall be paid to government AI technicians or technicians drawing salary from Milk Federations engaged in the programme.

8.4 Additional conception linked incentive will be made available @ Rs 150 if conception achieved at 1st AI and Rs 100 if conception achieved at 2nd AI. The conception linked AI will also be made available to Government AI technicians.

8.5 In case of North Eastern States and Hilly States/Union Territories (Himachal Pradesh, Uttarakhand, Union Territories of Jammu and Kashmir and Ladakh), the incentive for private A.I technicians (Not getting salary by Government or Co-operatives) shall be @ Rs.100/- per A.I. and Rs 100 per calf born. Additional conception linked incentive as mentioned above will also be admissible to AI technicians in NER States. .

9. Measures to Ensure Quality of Goods and Services

Standards and specifications in the form of MSP's/SOP's formulated by Government of India shall be implemented in letter and spirit.

Accelerated Breed Improvement Programme -Using sex sorted semen for getting assured pregnancy

1. Introduction

1.1 With mechanisation of Agriculture, utility of male bovines have been reduced. Farmers are not willing to maintain Bullocks for agriculture or any other draft work. Hence, male calves born at farmer house have become a liability. Farmers often let the male calves loose which are resulting into increase in stray animal population. Only female calves can be produced (with more than 90% accuracy) by use of latest technology like Sex Sorted Semen in AI program. Use of sex sorted semen will be game changer for the farmers as only female calves are produced with 90% accuracy against 50:50 male to female sex ratio with normal semen.

1.2 Extensive use will increase the number of female animals thereby increasing income of farmers through sale of female or through sale of milk. Use of sex sorted semen will also reduce male cattle population thereby limiting stray cattle population in the country.

2. Objectives:

- 2.1 To promote use of sex sorted semen for production of female calves with 90% accuracy
- 2.2 To enhancing milk production and farmers income through production of female calves.
- 2.3 Increased availability of female calves of high genetic makeup for farmers and entrepreneurs interested in taking up dairy farming.
- 2.4 To make sex sorted semen technology affordable to farmers thereby increasing acceptability of artificial insemination with use of sex sorted semen.
- 2.5 To Create Visible demand of sex sorted semen in the country thereby attracting private entrepreneurs in production of sex sorted semen.

3. Action Plan:

Selection of semen production facility for supply of sex sorted semen:

3.1 Freight On Road (F.O.R.) rates for supply of quality sex sorted semen to Implementing Agencies/ AI technicians by sex sorted semen production facility will be discovered by NDDB through online tendering process in a transparent manner.

3.2 All semen stations having facility for sex sorted semen production may participate in the tender. Eligible semen stations (meeting all standards and specifications) may supply sex sorted semen doses of the breeds maintained at semen stations at the lowest rate discovered by NDDB.

3.3 Implementing Agencies (IA) will be allowed to purchase sex sorted semen doses only from the semen stations identified by NDDDB (meeting all eligibility criteria) and on the discovered rates.

Payment for sex sorted semen doses:

3.4 **80% of the total** Payment will be made by IA to sex sorted semen/ sexed semen production facility after quality testing of sex sorted/sexed semen straws for sperm concentration which shall not be less than 2.1 million and post thaw motility shall not be less 50% (with not less than 1.3 million progressively motile sperms/ straw) and experts available at sex sorted semen production facility complete training/orientation programme for AI technicians .

3.5 Additional straw shall be made available by semen production facility for testing may be at the rate of 2 straw per batch of sex sorted semen doses.

3.6 **15% of the total payment** will be paid after verification of conception rate in first 2000 AIs with sex sorted semen. Conception rate shall not be less than 30% in any case. In case conception rate is less than 30% the sex sorted semen production facility will replace all the straws available under storage with implementing agency.

3.7 **5% of the balance payment will be made** after verification of female calves born in 30% of the representative doses supplied under the programme. In any case female to male calf sex ratio shall not be less than 90:10.

Implementing Agency using its own AI network

3.8 IA will charge the farmers for getting assured pregnancy through use of quality sex sorted semen.

3.9 IA will be allowed to use only sex sorted semen produced by semen stations (meeting all eligibility criteria) empanelled by NDDDB and only on rates discovered by NDDDB.

3.10 Implementing agency may identify service provider for getting assured pregnancy by using of sex sorted semen through online tendering process in a transparent manner.

Quality parameters of sex sorted semen

3.11 Semen production facility will supply sex sorted semen with 90% sex accuracy for birth of female calves.

3.12 Semen production facility will be allowed to supply only semen obtained from high genetic merit bulls.

3.12.1 For exotic bulls: Bulls shall be progeny tested/ genomic tested with positive EBV/GEBV and dams lactation yield (ME) shall be above 10,000 kg in case of HF bulls and 7,000 kg in case of Jersey bulls

3.12.2 For indigenous bulls (Gir, Sahiwal, Red Sindhi and Tharparkar): Bulls shall be progeny tested/ genomic tested with dams lactation yield shall be above 3500 kg.

3.12.3 For CB bulls shall be progeny tested / genomic tested and dams lactation yield shall be above 5000 kg in case CBHF and above 3500 kg in case of CB Jersey

3.12.3 For buffalo bulls: Bulls shall be progeny tested/genomic tested with positive EBV/ GEBV in case of Murrah, and Mehsana and dams lactation yield shall be above 3500 kgs. In case of Nili Ravi and Jaffarabadi dams lactation yield shall be above 3500 kgs.

3.13 Sperm concentration in sorted semen straws shall not be less than 2.1 million and post thaw motility shall not be less than 50% (with at least 1.3 million progressively motile sperms/ straw).

3.14 Semen straws shall be produced as per MSP and SOPs formulated by the DAHD and semen production facility shall be graded as A by Central Monitoring Unit (CMU) of DAHD.

AI technicians

3.15 IA shall select best AI technicians operating in the area for attaining higher conception rates.

3.16 IA will organize training or orientation programme for selected AI technicians by involving experts of sex sorted semen production facility for higher conception of rates.

3.17 AI technicians participating in implementation of the programme shall be registered with Implementing Agency and their profiles shall be uploaded on INAPH data base and linked to e-Gopala App.

3.18 Details of AI technicians engaged in implementation of the programme shall be made available to DAHO and local veterinary hospital for effective monitoring of the project activities.

3.19 AI technicians engaged in implementation of the programme will be supplied with sex sorted semen with unique number on each straw. Sex sorted semen production facility will be requested to use unique color for sex sorted semen straws.

3.20 Inventory of the sex sorted semen straws supplied to AI technician will be maintained by IA along with batch number, unique number and number of doses supplied.

3.21 AI technician will take photo of empty straw through his mobile after performing AI and hand over empty straw to concerned farmer. It is the responsibility of AI technician for uploading all details of AI on INAPH data base along with photo of empty straw.

Incentives to AI technicians

3.22 Provision of incentives to private AI technicians under the project will be at the rate of Rs 100 per AI with sex sorted semen. Additional incentives to AI technicians both private and Government attaining higher conception rates Rs 300 for conception at first AI and Rs 150 for attaining conception at 2nd AI. Incentive @ Rs 100/ calf born will also be made available to private AI technicians.

3.23 Incentives will be made available on the basis of verification of the data uploaded by AI technicians on INAPH data base and photo of empty straw.

Selection of Beneficiaries:

3.24 Scheme will be available to all the farmers interested in taking up assured pregnancy with sex sorted semen.

3.25 Heifers and normal cyclic cows in 1st to 3rd lactation available with the farmers may be selected and covered under the programme for getting assured pregnancy through sex sorted semen. Animals above 3rd lactation may not be covered under the programme as in this category of animals conception rate is substantially low.

3.26 Beneficiary will register with Implementing Agency (SLDB/Milk Federation /DAH/ NDDB (NDS)) to take benefit of the scheme.

Support to farmers available under the project

3.27 Support will be made available under the programme to farmers for getting assured pregnancy @ Rs 750 per pregnancy or 50% of total cost discovered per pregnancy (on average 3 doses per pregnancy) using sorted semen whichever is lesser upto 2nd year of the project and from 3rd year onwards subsidy will be reduced to Rs 400 per pregnancy or 50% of total cost discovered per pregnancy using sorted semen whichever is lesser, as cost of sex sorted semen will be reduced substantially and balance amount of fund for getting assured pregnancy will be met by the participating farmer.

Parentage testing

3.28 At least 1% of the calves born under the programme will be taken up for parentage testing by implementing agency on random basis. Parentage testing will be arranged by NDDB.

4. Targets of the project:

4.1 Under the programme it is proposed that Sex Sorted semen doses will be used for getting 51 lakh assured pregnancies, leading to birth of 45 lakh female calves.

4.2 Concerned Milk Union/ State Animal Husbandry Department will be requested to take responsibility to provide veterinary aid to the calves born under the programme.

5. Implementation Mechanism

Area of Operation

5.1 Project will be implemented in all States and UTs

Contract with farmers for getting assured pregnancy

5.2 Implementing Agency (SLDB/ DAH/Milk Federation (MU)/ NDDB (NDS)) will enter into contract with farmer for getting assured pregnancy using sex sorted semen and farmer will deposit his share of Rs 750 (during first two years of the project) and Rs 400 from 3rd year onward of the project.

5.3 Farmers will be advised to register Heifers and normal cyclic cows in 1st to 3rd lactation for covering under the programme. Animals to be covered under the programme shall be assessed by AI technician for fertility, reproductive disorders etc. Only animals with higher fertility shall be covered under the programme.

5.4 If successful pregnancy is not delivered even after 3rd AI in a cow/buffalo then entire amount will be returned to concerned farmer by IA. If male calf is born then, Rs. 500 will be returned to the concerned farmer.

5.5 AI technician shall deliver Artificial insemination service at the farmer's doorstep following MSP and SOP prescribed by experts of sex sorted semen production facility.

5.6 In any case female to male calves' ratio shall not be less than 90:10. If male calves ratio is exceeding in that case IA will not further purchase sex sorted semen doses from concerned sex sorted semen production facility and return all the doses supplied by the concerned facility available under storage with IA.

5.7 All the information that is starting from registration of animal to calving, uploading photograph of empty straw of sex sorted semen, ear tagging of calf and parentage verification shall be entered by AI technicians on INAPH system.

5.8 Parentage verification of randomly selected female calves born from sorted semen will be arranged by NDDB. In any case parentage testing error shall not exceed 10%. If parentage testing error exceeds 10% in that case IA may remove AI technician from the area.

6. Financial Implication:

The indicative financial outlay of the program:

SN	Particulars	Financial Outlay in Rs in crore
1	Getting assured pregnancy using sex sorted semen (Rs 750 /pregnancy during 1 st and 2 nd year and Rs 400/ pregnancy from 3 rd year of the project)	323
2	Incentives to private AI technicians	100
3	Incentives to AI technicians on calf born @ Rs 100/ calf born	51
3	Consumables for AI@ Rs 10/ AI	15
4	Extension activities for the popularity of the Program (Rs. 10 lakh per state/year) to SIA	5.10
5	Parentage verification of randomly selected female calves born from Sexed Semen (at least 1000 female calves per state to be randomly tested for Parentage Verification) @ Rs 1700 per test	8.67
6	Monitoring of the Program-NDDB	3.00
	Total Outlay	509

7. Implementing Agency:

7.1 The component using sex sorted semen for getting assured pregnancy will be implemented through Implementing Agencies (State Livestock Development Board/ State Department of Animal Husbandry/State Milk Federation(Milk Union)/ NDDB (NDS). Funds will be released directly to implementing agencies.

7.2 The Implementing Agency will either implement the programme through Service Provider or through own breeding network. Funds under the scheme will be transferred directly to Implementing Agency.

7.3 The sanctioned projects under RGM for establishment of sex sorted semen production which have created the facility for sex sorted semen production will be allowed to produce sex sorted semen and may implement the project as proposed in the document. Other sanctioned project which have not created facility or in tendering stages will implement the project in the manner as proposed in this document.

8. Monitoring of the project:

8.1 NDDB

Project will be monitored by National Dairy Development Board and funds are proposed under the project for monitoring of the project activities and Parentage verification.

NDDB will be responsible for the following:

- Preparation of Operational Guidelines of the Program
- Designing system of Monthly reporting.
- Training
- Ensuring parentage verification as per guidelines of the scheme
- Organizing review meetings with IAs
- Periodic Field visits and random checking of information reported in INAPH with respect to field reality
- Periodic submission of Monitoring visit and progress reports to DAHD
- Evaluation of Projects
- Any other responsibility which arises while implementation of the programme.

8.2 Monitoring at the level of Call Centre:

Call centre established under NADCP programme will be utilized for verification of AI conducted, and female calves born under the programme at regular intervals. Information received from the call centre will be analysed and submitted to IAs to take remedial measures.

8.3 Online Monitoring of the project:

- For online monitoring all the activities of the project including identification of animals covered under the programme using Pashu Aadhar (AUID), AI using sex sorted semen, pregnancy diagnosis (after 90 days), birth of the calf, identification of calves using AUID will be uploaded on INAPH data base by AI technicians. Incentives to AI technicians will be made available on the data basis of uploaded on the INAPH data base.
- AI technician will upload photograph of empty straw of sex sorted semen immediately after AI and handed over empty straw to concerned farmer.
- Verification of information entered by AI technician on the INAPH data base by local veterinarian/ DAHO on daily basis.
- System of push and pull messages to the beneficiaries from the data base at regular interval will be evolved.
- Verification of information uploaded on INAPH data base by NDDB at regular interval (after every 15 days).

8.4 Close Monitoring of the Project

- All the activities Project will be monitored by National Dairy Development Board as Nodal Monitoring Agency over duration of five years throughout the country.

- DAH/ Milk Federation (Milk Unions)/ NDDDB (NDS) will monitor all the activities of the project through its field level institutions dairy cooperative societies/ Veterinary Hospital/ Veterinary Dispensaries.
- Pashu Sakhis established under NRLM will be roped in for monitoring of the project at beneficiary level and creation of awareness among the farmers.
- Further, State Level Review Committee meeting will be held every month under the Principal Secretary (Dairy Development/Animal Husbandry & Dairy Development) of the concerned State to review progress of project. MD of Milk Federation, CEO of LDB, Director (Animal Husbandry), and breeding experts of State veterinary University will be its members. Joint Secretary, DAHD or his representative will attend meeting once in every quarter. Monthly progress report will be prepared by Implementing Agencies and same will be reviewed by NDDDB. All the activities related to implementation of the project shall be noted and submitted to State Dairy Development/Animal Husbandry & Dairy Development Department.

F.No.N-04003/26/2021/CDD
(FTS 19793)
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhavan, New Delhi
13.8.2021

Office memorandum

Sub: Nationwide Artificial Insemination programme Phase III – Action Plan on implementation of NAIP Phase III in 607 districts with less than 50 % A.I coverage from 1st August 2021 to 31st May 2022 – Reg.

The undersigned is directed to inform that the action plan on implementation of the Nationwide Artificial Insemination programme (NAIP) Phase III commenced from 1st August 2021 to 31st May 2022, in chosen 607 districts with less than 50 % A.I coverage is attached herewith for necessary action.

Encl: as above



(Dr.B.Rajasree)
Assistant Commissioner (RGM)

Distribution:

1. Principal Secretary/ Secretary, Animal Husbandry Department of all States.
2. Director, Animal Husbandry Department of all States
3. Chief Executive Officer, Livestock Development Agency/Board of all States
4. Concerned District Veterinary Officers of all States

Copy for kind information to:

PPS to Secy (AHD)/PPS to AHC/ PS to JS (C& DD)



**ACTION PLAN ON IMPLEMENTATION OF NATIONWIDE
ARTIFICIAL INSEMINATION PROGRAMME – PHASE III (NAIP III)
IN DISTRICTS WITH LESS THAN 50% A.I COVERAGE**

2021-22



**MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING,
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
KRISHI BHAVAN, NEW DELHI-110001**

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ACTION PLAN ON IMPLEMENTATION OF NATIONWIDE ARTIFICIAL INSEMINATION PROGRAMME - PHASE III (NAIP III) IN DISTRICTS WITH LESS THAN 50% A.I COVERAGE

1. BACKGROUND:

"Rashtriya Gokul Mission" has been launched in Dec. 2014 with the aim of enhancing milk production and productivity of bovine population in the country along with focus on Conservation and Development of Indigenous breeds.

For enhancing the AI coverage, Nationwide Artificial Insemination Programme (NAIP) Phase I and II have been implemented during 2019-20 and 2020-21 in 604 districts having less than 50% A.I coverage. Under these programmes, a total of around 1.76 Crore bovines had been inseminated with semen of high genetic merit bulls. Over 1 Crore farmers got benefitted through these programme.

Owing to the success of the programmes, it has been proposed to continue the campaign mode NAIP Phase III in districts with less than 50% AI coverage including Aspirational districts, covering all breeds of bovines through free A.I .

2. RATIONALE:

A.I is one of the key strategies to increase the productivity of bovines by upgrading their genetic potential. At present, the average A.I coverage of the country is only 30%. Rest of the 70% are either left unbred or bred with scrub bulls of unknown genetic merit. Low AI coverage indicates the poor implementation of breeding programme.

Hence it has been decided to implement a campaign mode A.I programme in districts with less than 50% AI coverage which includes 113 Aspirational districts. The rationale behind choosing districts below 50% A.I coverage is that the districts performing above 50% coverage are expected to reach the targeted 70% coverage in next five years. However districts carrying out less than 50% A.I coverage are not expected to reach the targeted 70% A.I coverage within the same period. The advantage of campaign mode program is that the work that is generally done in an year can be carried out in a few months and it spreads awareness about the programme even in those villages which are not covered by the campaign presently, raising demand for AI in general.

2.3. The programme is implemented with the following objectives.

- a) Providing doorstep reliable AI delivery system in districts with less than 50% A.I coverage.
- b) Birth of genetically superior male and female bovine calves

- c) Increase in Milk Production
- d) Adoption of A.I technology by large number of farmers.
- e) Increase in Farmers' income

3. AREA OF OPERATION AND DURATION OF THE PROJECT:

The Programme will be implemented in 607 identified districts having less than 50% A.I coverage from 1st August 2021 to 31st May 2022 over a period of 10 months covering around 3 Crore breedable bovine female populations (List of 607 districts attached at annexure –I).

4. SELECTION OF VILLAGES:

All breedable bovines available in all the villages of the district shall be covered through free Artificial Insemination service thereby, ensuring complete saturation of the whole district under the programme. Special emphasis to be given to those villages, which were not covered so far under NAIP Phase I & II.

Selection of districts is based on the A.I Coverage data made available by the States during 2019-20. All breeds of cattle and buffaloes will be covered under this programme. List of 607 Districts with less than 50% AI coverage including 113 aspirational districts are given at Annexure-I. All the activities of the project will be completed over a period of 10 months. Monitoring of the project and follow-up of all the animals covered under the programme shall be continued till calves born.

5. FUNDING PATTERN:

The activity is covered under the scheme Rashtriya Gokul Mission under the component of development and conservation of indigenous breeds as per the guidelines of the scheme. The sub-scheme will be implemented as per the funding pattern approved under RGM on 100 % grant in aid basis.

6. IMPLEMENTING AGENCIES:

6.1 The programme will be implemented by State Implementing Agencies (SIAs)/ State Livestock Development Boards. In case where milk federations are major players in implementing breeding programmes/ having substantial AI infrastructure, they may also be

roped in the implementation of the programme as implementing agency as decided by the State Government. Other agencies involved in A.I delivery may also be included under the programme. Funds have been released directly to the State Implementing Agency (SIA). Role of implementing agency is depicted in the following table.

State Implementing Agencies (SIA's)	State Livestock Development Boards/ Milk Federations
End Implementing Agencies (EIA's)	State Animal Husbandry Department
Participating Implementing Agencies (PIA's)	Other agencies having a role in Bovine Development

For better implementation of the scheme, the scheme shall also be included under District Development Coordination and Monitoring Committee (DISHA).

7. ACTION PLAN: (1st August 2021 to 31st May 2022):

During the period all eligible breedable bovines available in the chosen district shall be covered through free artificial insemination service.

Participating farmers' low producing **Indigenous cows** should be upgraded with the semen of High yielding Indigenous Breed bull (selective breeding) with the Minimum Standards (MS) of above 3000 Kgs.

Non-descript cows either may be upgraded with the semen of high yielding Indigenous breed (grading up) meeting above mentioned defined minimum standards or using semen of exotic breeds (Cross breeding) with minimum lactation yield above 10,000 kg in case of HF and 7,000 kg in case of Jersey

Crossbred cows may be upgraded with the use of semen of high yielding crossbred bulls (inter se mating) limiting exotic inheritance to 50% or upgraded with the semen of high yielding exotic bulls limiting exotic inheritance up to 75%, depending upon the State breeding policy. Further, indiscriminate cross breeding shall be avoided by adhering to the notified State breeding policy.

Non descript buffaloes should be upgraded with the semen of high yielding buffalo bulls like Murrah/Nili Ravi/ Mehsani/Jaffarabadi with minimum lactation yield above 3000 kgs as per the State breeding policy and **descript buffaloes** may be upgraded through selective breeding using HGM bulls of the particular breed.

In villages where co-operative societies are available, A.I shall preferably be done through

Dairy Cooperative Societies (DCS)/ through cluster A.I centres of dairy co- operatives.

Though 3 A.I's are allowed per animal, in case of animals conceived with a single/ double A.I, the rest of the semen doses shall be used for additional animals (Cattle and Buffalo).

8. PROCUREMENT OF BREEDING INPUTS:

The semen doses for the programme shall be procured by the concerned State Implementing Agency as per the Standards and specifications in the form of Minimum Standard Protocols (MSPs)/ Standard Operating Procedure (SOPs) formulated by Government of India.

Standards for Selecting Semen: High Yielding Indigenous breed (HYIB) semen to be used should meet the standards and specifications prescribed in MSP for semen production and dams lactation yield should not be below 3000 Kgs/lactation. For semen of HF and Jersey, MSP shall be of 10,000 Kgs for HF and 7000 Kgs for Jersey respectively. For Buffaloes, in case of non- descript buffaloes, semen of Murrah/ Nili-Ravi with MSP of 3000 Kgs and above may be used, as it is easily available. For descript buffaloes, minimum MSP as decided by Government of India should be used. All purchases of semen should be from the 'A' graded Semen Stations accredited by Central Monitoring Unit (CMU) only. **MSP of different breeds notified by GOI is attached at Annexure –III.**

SEXED SEMEN - In States where establishment of sexed semen production has been sanctioned by Gol, the States may substitute sexed semen for normal semen and add Rs.25/- as Gol contribution on semen cost apart from the admissible cost under sanctioned programme.

SIRE DIRECTORY OR DETAILS OF BULLS WHOSE SEMEN IS USED FOR A.I – Concerned SIA/LDB/Service provider shall make relevant available copies of sire directory in regional languages to the A.I technician giving details of Bull identification number, Dam's lactation yield/ Breeding value, fat % including the photograph of the used bull. The A.I technician shall make this information available to the farmer and after performing A.I, the empty straw shall also be made available to the farmer.

9. TRAINING:

Trainers' trainings on data uploading on INAPH data base have already been completed in the States. Training of all the A.I technicians shall be organized with the help of these TOT's again this year in every district, where District Animal Husbandry Officer (DAHO)/ District Veterinary Officer (DVO) should also update them on technical aspects of A.I.

A.I technicians village wise shall be ear marked by the District Coordination team and their name and mobile number shall be made public for use of farmers.

The AI technician shall perform AI following SOPs formulated by Government of India. Copy of Standard Operating Procedure (SOP) for A.I shall be made available to A.I technicians.

10. TAGGING:

All the animals covered under the programme shall be identified using AUID and their data shall be uploaded on INAPH data base. All inseminated animals shall be given Animal health Card (Nakul Swasthya Patra). After AI, the animal shall be followed up for pregnancy diagnosis till calf born and all the events shall be recorded by the AI technician on the data base.

11. PARENTAGE TESTING:

Parentage testing shall be done @ 100 calves/district for of the calves born under NAIP III @ testing cost of Rs. 3400/- (testing has to be done for both dam and calf @ Rs.1700/- as testing fee for each sample of dam and calf).

12. DATA UPLOADING ON INAPH:

The A.I technicians who have been given tablets under Pashu Sanjivani, (used for 20th Livestock Census) must use the tablet directly or use their mobile phone for uploading data on INAPH LITE application on INAPH data base managed by National Dairy Development Board (NDDB). States should try to make all such tablets available to Government A.I technicians.

12.1 Procedure for uploading of data:

1. The technician has to open the INAPH LITE application, on INAPH database.

2. He has to enter his user ID and password (provided by NDDDB to SIA/State AHD).
3. He has to fill up the registration form on Animal Details. He has to fill all the fields compulsorily (Stepwise format attached at Annexure III). Wherever boxes are provided, he has to enter the numbers or ✓ marks or option to be chosen from dropdown list)
4. After filling up animal registration, he has to fill up details of the owner of the animal.
5. Once registration of animal and owner is over, he has to fill up details on A.I under A.I transaction.
6. After 3 months of insemination, he has to fill up the result on pregnancy diagnosis whether the animal has become pregnant or not.(✓)
7. After an approximate period of 10 months, he has to enter the data on details of calving.

If tablets are not available, data entry sheets (Copy of data sheet for uploading data on INAPH is enclosed in guidelines at Annexure III) have to be printed and supplied to the A.I technicians by the concerned SIA's/SLDB's. AI technicians shall record information on the data sheet and shall either themselves upload the data through their mobiles or shall submit to the officer designated by District authorities for uploading of data on INAPH database.

Data uploaded by AI technicians / District/Block level with desktop facility on INAPH data base may be used for online monitoring of the project activity.

13. DATA REPORTING OF PROGRESS ON INAPH:

Daily reporting of village wise and district wise progress on the No. of AI done shall be done by the concerned DAHO on INAPH data base so as to provide public scrutiny/ assessment of the programme. **Reports on follow-up on the A.I done, i.e Repeat A.I, Pregnancy diagnosis after a period of 3 months of A.I and calves born details after gestation period (280 days in case of cows and 310 days in case of buffaloes) of A.I shall also to be uploaded on INAPH. The DAHO shall ensure that the progress is uploaded for all activities related to A.I on INAPH immediately, to ensure that the data made available is on real time basis.**

All District Veterinary Officers are allowed to hire One Data Entry Operator (DEO) on short term basis for uploading AI data on the portal. A consolidated remuneration @ Rs.18000/-(Rupees Eighteen Thousand only) per month for a period of 10 months is earmarked for data entry operator at district level. Besides uploading the progress on the portal, DEO shall check up all the INAPH entries and ensure all entries have been done as per format.

14. MEDIA AND PUBLICITY:

At village level: Display board as '**NAIP Village**' should be placed in every village indicating that all the eligible female bovines (cattle and Buffalo) in the village are covered under NAIP through free AI service at farmers doorstep. Intense publicity to be given in villages so far not covered under NAIP Phase I & II.

Banners should be displayed in prominent places and also at sites where A.I is done. Village wise details of AI technicians shall be shared by State and same detail will be displayed in each village through wall paintings, posters etc. Same details should be available as in para 9.1.

At district level : A fund of Rs.5 Lakhs per district has been made available for publicity at village and district level (wall writings, banners), storage and transportation of semen doses, AI consumables and monitoring. Leaflets in regional language should be prepared by the concerned DVO on the following and to be distributed compulsorily to all the farmers for creating awareness.

- Benefits of A.I over natural service
- Detection of heat
- Regarding the information printed on the semen straw -bull No., Breed, MSP etc
- Advantages of high yielding semen for enhancing the productivity.
- Management of cryo containers and liquid nitrogen
- Expected date of pregnancy diagnosis
- **Creating awareness among farmers**

(a) **To ask for the empty straw from the A.I technicians after A.I is performed, to know about the details of semen used for A.I and about the bulls.**

(b) **Economical Importance of attaining early maturity in heifers through feeding balanced diet (ration balancing).**

(c) **On adoption of " One calf every year" concept for sustainable income.**

(d) **Prevention of calf mortality by feeding colostrum immediately after birth, ideally within one hour, for maximum absorption of antibodies in the colostrum.**

Public Participation: Member of Parliament along with Member of Legislative assembly shall be invited for the inauguration programme. The programme shall be organised to create wide publicity in a simple manner.

At State level: For creating awareness about the programme at State level, Rs.5.00 lakh has been made available for printing of A.I formats, preparing and broadcasting of Radio jingles on the importance of A.I, organising awareness camps and Publicity through

Television.

15. MONITORING OF THE PROGRAMME:

District level: At the district level, scheme is being monitored by the District Monitoring committee headed by Collector/District Magistrate, Member secretary – DAHO and the Implementing agency, which will hold weekly review meetings ascertaining the progress of the programme, with special reference to AI technicians in the selected villages and the media campaign launched in local language to make the farmers aware of the programme.

State level: State Animal Husbandry Department shall constitute a State Monitoring Committee headed by the Principal Secretary of the department and its members should be Stake holders involved in A.I. In each State, a nodal officer shall be nominated by the State for coordination with the centre. The State Monitoring Committee will meet weekly during the campaign. The State government may change the administrative arrangement of review but will ensure that the weekly review takes place at a level above District Animal Husbandry Officer/District Veterinary Officer and the minutes are shared with the District Collector and the Secretary In charge of Animal husbandry Department in the State.

Central Monitoring Committee: Central Monitoring Committee has been constituted in the Department of Animal Husbandry and Dairying (DAHD) and regular meetings of TMC will be held on monitoring of the programme. DAHD shall depute its officers for monitoring of the programme at State level. In this regard, 3 Veterinarians and 1 Management Consultant will be hired for monitoring the AI progress on short term contract basis for one year @ Rs.50,000/- per month. Three data entry operators will be hired on consolidated basis of Rs. 18000/-month on short time basis for one year for compiling of data.

16. CALL CENTRE AT DAHD

Call centre created under NADCP programme will be utilised for NAIP.

17. INCENTIVES:

All Incentives shall be transferred through bank transaction by the State to AI technicians as per the guidelines issued by Gol.

Incentive for Tagging: An incentive of Rs.2.50 per animal will be given for tagging under NADCP.

Incentive for A.I and Calf born - Incentive will be made available to the private AI

technician/MAITRIs (Not getting salary by Government or Co-operatives) @ Rs 50/ per AI and Rs. 100/- per calf born. All incentives for private A.I technicians/ MAITRIs to be disbursed strictly based on the data uploaded on INAPH and verification of the data by the concerned District Animal Husbandry Officer (DAHO). No incentives shall be paid to government AI technicians or technicians drawing salary from Milk Federations engaged in the programme.

In case of North Eastern States and Hilly States/Union Territories (Himachal Pradesh, Uttarakhand, Union Territories of Jammu and Kashmir and Ladakh), the incentive for private A.I technicians (Not getting salary by Government or Co-operatives) shall be @ Rs.100/- per A.I.

In addition, incentives based on the conception rate shall be provided to A.I technicians (both Government and Private AIT's) @ Rs 150/- for achieving conception at first AI and Rs 100/- if conception is achieved at 2nd AI. No incentive shall be provided if animal conceives after 2nd AI.

18. FINANCIAL IMPLICATION:

Detailed State wise expenditure to be incurred is attached at Annexure IV for implementing the genetic upgradation programme in Bovines in 607 districts including aspirational districts with less than 50 % A.I coverage in from (1st August 2021 to 31st May 2022).

19. MEASURES TO ENSURE QUALITY OF GOODS AND SERVICES

Standards and specifications in the form of MSP's/SOP's formulated by Government of India shall be implemented in letter and spirit.

20. IMPACT ANALYSIS

Third party evaluation will be under taken in districts covered under sub-scheme NAIP Phase II, the term of references shall include a) constraints faced during implementation; b) success rate of AI; c) number of pregnancies reported; and d) different elements including UID and uploading data on Information Network for Animal Productivity & Health (INAPH) data base.

Third party evaluation will be conducted after one year of the programme in the districts covered under the sub scheme. The term of references shall include among others,

- a) Number of female calves born
- b) Performance of A.I technicians
- c) Mortality rate among calves

Impact analysis will be undertaken centrally as per TOR approved by this Department.

21.EXPECTED PROJECT OUTCOME

- Around 7.5 Crore number of AI's would result into birth of 3.00 Cr superior calves.
- Due to this campaign mode approach, 1.35 Crore superior female calves will be produced which will yield 16.2 MMT of milk /annum after 3 years. Cows and buffaloes worth Rs. 54000 Crores (Rs. 40,000 per adult cow) will be added to the farmers household.
- Through sale of milk, dairy farmers will earn an additional income of Rs. 60750 crores.
- There will be improvement in the indigenous breed population by the addition of more milch animals to the dairy herd of the country.

Annexure-I: LIST OF DISTRICTS WITH LESS THAN 50% AI COVERAGE INCLUDING ASPIRATIONAL DISTRICTS

NAIP Phase III District wise List

(in Lakh)

Con. S.No.	State	S. No.	District	Breedable populn as per 20 LC	70% of breedable popln	No.of AI done during 2019-20	AI coverage (%)	Target no. of bovines NAIP III
1	Andhra Pradesh	1	Ananthapuramu	292726	204908	258983	42	136225
2	Andhra Pradesh	2	East godavari	448675	314073	326012	35	171482
3	Andhra Pradesh	3	Guntur	462796	323957	472600	49	248588
4	Andhra Pradesh	4	Kadapa	272445	190712	186492	33	98095
5	Andhra Pradesh	5	Kurnool	397064	277945	225436	27	118579
6	Andhra Pradesh	6	Nellore	275076	192553	234654	41	123428
7	Andhra Pradesh	7	Prakasam (Ongole)	405445	283812	357598	42	188097
8	Andhra Pradesh	8	Srikakulam	363105	254174	251634	33	132359
9	Andhra Pradesh	9	West Godavari	355113	248579	326146	44	171553
10	Bihar	1	Araria	502206	351544	44044	4	22022
11	Bihar	2	Arwal	93679	65575	35331	18	17666
12	Bihar	3	Aurangabad	398161	278713	74893	9	37447
13	Bihar	4	Banka	423790	296653	62558	7	31279
14	Bihar	5	Begusarai	337916	236541	261377	37	130689
15	Bihar	6	Bhagalpur	527193	369035	85957	8	42979
16	Bihar	7	Bhojpur	343143	240200	184003	26	92002
17	Bihar	8	Buxar	234219	163953	104219	21	52110
18	Bihar	9	Darbhanga	373368	261358	105745	13	52873
19	Bihar	10	Gaya	631771	442240	104983	8	52492
20	Bihar	11	Gopalganj	198057	138640	144776	35	72388
21	Bihar	12	Jamui	402917	282042	18010	2	9005
22	Bihar	13	Jehanabad	127485	89240	47402	18	23701
23	Bihar	14	Kaimur (bhabua)	313759	219631	69366	11	34683
24	Bihar	15	Katihar	439317	307522	50675	5	25338
25	Bihar	16	Khagaria	232863	163004	141771	29	70886
26	Bihar	17	Kishanganj	299655	209759	15847	3	7924
27	Bihar	18	Lakhisarai	119413	83589	63268	25	31634
28	Bihar	19	Madhepura	409702	286791	64372	7	32186
29	Bihar	20	Madhubani	582074	407452	93848	8	46924

30	Bihar	21	Motihari	434283	303998	132773	15	66387
31	Bihar	22	Munger	138628	97040	55668	19	27834
32	Bihar	23	Muzaffarpur	416735	291715	247449	28	123725
33	Bihar	24	Nalanda	285146	199602	98390	16	49195
34	Bihar	25	Nawada	282539	197777	43754	7	21877
35	Bihar	26	Paschim champaran	352150	246505	100968	14	50484
36	Bihar	27	Patna	504163	352914	153390	14	76695
37	Bihar	28	Purnea	555644	388951	59146	5	29573
38	Bihar	29	Rohtas	430642	301449	106329	12	53165
39	Bihar	30	Saharsa	338780	237146	56264	8	28132
40	Bihar	31	Samastipur	459964	321975	333637	35	166819
41	Bihar	32	Saran	386886	270820	99974	12	49987
42	Bihar	33	Sheikhpura	77671	54370	11205	7	5603
43	Bihar	34	Sheohar	61133	42793	53228	41	26614
44	Bihar	35	Sitamarhi	302191	211534	84765	13	42383
45	Bihar	36	Siwan	315786	221050	89145	13	44573
46	Bihar	37	Supaul	531984	372389	40182	4	20091
47	Bihar	38	Vaishali	270139	189097	137594	24	68797
48	Chhattisgarh	1	BALOD	139541	97679	31286	11	16686
49	Chhattisgarh	2	BALODA BAZAR	229656	160759	58832	12	31377
50	Chhattisgarh	3	BALRAMPUR	138712	97098	26358	9	14058
51	Chhattisgarh	4	BASTAR	71548	50084	12751	8	6801
52	Chhattisgarh	5	BEMETARA	209843	146890	14243	3	7596
53	Chhattisgarh	6	BIJAPUR	94843	66390	3063	2	1634
54	Chhattisgarh	7	BILASPUR	257303	180112	52017	10	27742
55	Chhattisgarh	8	DANTEWADA	57408	40186	3650	3	1947
56	Chhattisgarh	9	DHAMTARI	111285	77900	29576	13	15774
57	Chhattisgarh	10	DURG	164484	115139	24061	7	12833
58	Chhattisgarh	11	GARIYABANDH	96530	67571	14723	7	7852
59	Chhattisgarh	12	JANJIR-CHAMPA	235904	165133	34253	7	18268
60	Chhattisgarh	13	JASHPUR	98203	68742	21355	10	11389
61	Chhattisgarh	14	KABIRDHAM	161766	113236	13970	4	7451
62	Chhattisgarh	15	KANKER	102844	71991	17615	8	9395
63	Chhattisgarh	16	KONDAGAON	77498	54249	6407	4	3417
64	Chhattisgarh	17	KORBA	128252	89776	26512	10	14140
65	Chhattisgarh	18	KOREA	123315	86321	17148	7	9146
66	Chhattisgarh	19	MAHASAMUND	117391	82174	33178	13	17695
67	Chhattisgarh	20	MUNGELI	124786	87350	21683	8	11564
68	Chhattisgarh	21	NARAYANPUR	74002	51801	1513	1	807
69	Chhattisgarh	22	RAIGARH	125674	87972	63638	24	33940
70	Chhattisgarh	23	RAIPUR	183106	128174	36968	10	19716
71	Chhattisgarh	24	RAJNANDGAON	269198	188439	32558	6	17364
72	Chhattisgarh	25	SARGUJA	92293	64605	27263	14	14540
73	Chhattisgarh	26	SUKMA	94838	66387	2409	1	1285
74	Chhattisgarh	27	SURAJPUR	95165	66616	21752	11	11601

75	Goa	1	North Goa	33239	23267	19954	29	10642
76	Goa	2	South Goa	36134	25294	11922	16	6358
77	Gujarat	1	Ahmedabad	319991	223994	152313	23	86311
78	Gujarat	2	Amreli	264742	185319	85169	15	48262
79	Gujarat	3	Bharuch	122570	85799	89122	35	50502
80	Gujarat	4	Bhavnagar	329617	230732	161584	23	91564
81	Gujarat	5	Botad	118595	83017	45865	18	25990
82	Gujarat	6	Chhota Udepur	201556	141089	111538	26	63205
83	Gujarat	7	Dahod	345123	241586	144357	20	81802
84	Gujarat	8	Devbhoomi Dwarka	155635	108945	24321	7	13782
85	Gujarat	9	Gir Somnath	237194	166036	101288	20	57397
86	Gujarat	10	Jamnagar	165423	115796	34665	10	19644
87	Gujarat	11	Junagadh	227800	159460	125250	26	70975
88	Gujarat	12	Kachchh	325724	228007	48348	7	27397
89	Gujarat	13	Morbi	193045	135132	45233	11	25632
90	Gujarat	14	Narmada	84838	59387	65218	37	36957
91	Gujarat	15	Panchmahal	338168	236718	302837	43	171608
92	Gujarat	16	Patan	272403	190682	281091	49	159285
93	Gujarat	17	Porbandar	116917	81842	35029	14	19850
94	Gujarat	18	Rajkot	334199	233939	149153	21	84520
95	Gujarat	19	Surat	339224	237457	230459	32	130593
96	Gujarat	20	Surendranagar	372697	260888	57539	7	32605
97	Gujarat	21	Vadodara	203437	142406	196209	46	111185
98	Haryana	1	Bhiwani	219631	153742	230893	50	130839
99	Haryana	2	Charki Dadri	85118	59583	90104	50	51059
100	Haryana	3	Palwal	169210	118447	173324	49	98217
101	Haryana	4	Panchkula	47720	33404	50213	50	28454
102	Haryana	5	Sonepat	214120	149884	186569	41	105722
103	Himachal pradesh	1	Bilaspur	74485	52140	58617	37	33216
104	Himachal pradesh	2	Chamba	121714	85200	46596	18	26404
105	Himachal pradesh	3	Hamirpur	68003	47602	68669	48	38912
106	Himachal pradesh	4	Kangra	223538	156477	194689	41	110324
107	Himachal pradesh	5	Kinnaur	13933	9753	6056	21	3432
108	Himachal pradesh	6	Kullu	90626	63438	58273	31	33021
109	Himachal pradesh	7	Lahul Spiti	7470	5229	3273	21	1855
110	Himachal pradesh	8	Mandi	224508	157156	185705	39	105233
111	Himachal pradesh	9	Shimla	131636	92145	83807	30	47491
112	Himachal pradesh	10	Sirmour	134245	93972	69928	25	39626

113	Himachal pradesh	11	Solan	111366	77956	82855	35	46951
114	Himachal pradesh	12	Una	89413	62589	98739	53	55952
115	Jammu	1	Doda	86987	60891	24973	14	14151
116	Jammu	2	Jammu	166890	116823	14521	4	8229
117	Jammu	3	Kathua	116325	81428	49740	20	28186
118	Jammu	4	Kishtwar	58951	41266	11932	10	6761
119	Jammu	5	Poonch	90000	63000	17739	9	10052
120	Jammu	6	Rajouri	153500	107450	28026	9	15881
121	Jammu	7	Ramban	53632	37542	11818	10	6697
122	Jammu	8	Reasi	76999	53899	11874	7	6729
123	Jammu	9	Samba	49022	34315	43060	42	24401
124	Jammu	10	Udhampur	120187	84131	30615	12	17349
125	Jharkhand	1	Bokaro	125998	88199	33633	13	17938
126	Jharkhand	2	Chatara	197444	138211	30952	7	16508
127	Jharkhand	3	Deoghar	248300	173810	34128	7	18202
128	Jharkhand	4	Dhanbad	139685	97780	44654	15	23815
129	Jharkhand	5	Dumka	226256	158379	41179	9	21962
130	Jharkhand	6	E. Singhbhum	115440	80808	32062	13	17100
131	Jharkhand	7	Gharhwa	257801	180461	37381	7	19937
132	Jharkhand	8	Giridih	317572	222300	42649	6	22746
133	Jharkhand	9	Godda	281439	197007	36182	6	19297
134	Jharkhand	10	Gumla	163061	114143	28245	8	15064
135	Jharkhand	11	Hazaribagh	191288	133902	38605	10	20589
136	Jharkhand	12	Jamtara	129251	90476	31425	12	16760
137	Jharkhand	13	Khunti	79770	55839	25618	15	13663
138	Jharkhand	14	Koderma	61055	42739	28173	22	15026
139	Jharkhand	15	Latehar	107623	75336	29200	13	15573
140	Jharkhand	16	Lohardaga	46643	32650	28758	29	15338
141	Jharkhand	17	Pakur	140374	98262	30304	10	16162
142	Jharkhand	18	Palamu	286184	200329	40652	7	21681
143	Jharkhand	19	Ramgarh	36464	25525	25536	33	13619
144	Jharkhand	20	Ranchi	215427	150799	70742	16	37729
145	Jharkhand	21	Sahebganj	115428	80800	33289	14	17754
146	Jharkhand	22	Saraikela	69286	48500	27500	19	14667
147	Jharkhand	23	Simdega	106635	74645	22635	10	12072
148	Jharkhand	24	W Singhbhum	101307	70915	26991	13	14395
149	Karnataka	1	Bagalkot	278000	194600	163807	28	92824
150	Karnataka	2	Belgaum	846000	592200	564961	32	320145
151	Karnataka	3	Bellary	231000	161700	81660	17	46274
152	Karnataka	4	Bidar	176000	123200	64068	17	36305
153	Karnataka	5	Bijapur	199000	139300	83172	20	47131
154	Karnataka	6	Chikmagalur	216000	151200	145666	32	82544
155	Karnataka	7	Chitradurga	206000	144200	139444	32	79018
156	Karnataka	8	Davangere	259000	181300	252524	46	143097

157	Karnataka	9	Dharwad	123000	86100	120275	47	68156
158	Karnataka	10	Gadag	94000	65800	79513	40	45057
159	Karnataka	11	Gulbarga	235000	164500	53324	11	30217
160	Karnataka	12	Kodagu	51000	35700	20600	19	11673
161	Karnataka	13	Koppal	160000	112000	74120	22	42001
162	Karnataka	14	Raichur	238000	166600	41491	8	23512
163	Karnataka	15	Shimoga	361000	252700	192092	25	108852
164	Karnataka	16	Uttar Kannad	204000	142800	88336	21	50057
165	Karnataka	17	Yadgir	180000	126000	22962	6	13012
166	Kashmir	1	Anantnag	123343	86340	91377	35	51780
167	Kashmir	2	Bandipora	50876	35613	31218	29	17690
168	Kashmir	3	Baramulla	102742	71919	67487	31	38243
169	Kashmir	4	Budgam	81791	57254	70522	41	39962
170	Kashmir	5	Ganderbal	39903	27932	40721	49	23075
171	Kashmir	6	Kulgam	71173	49821	63217	42	35823
172	Kashmir	7	Kupwara	113390	79373	39302	17	22271
173	Kashmir	8	Pulwama	138854	97198	98484	34	55808
174	Kashmir	9	Shopian	47709	33396	36892	37	20905
175	Kashmir	10	Srinagar	62108	43476	28346	22	16063
176	Ladakh	1	KARGIL	35264	24685	1763	2	999
177	Ladakh	2	LEH	14183	9928	448	2	254
178	Madhya Pradesh	1	Alirajpur	94065	65846	32020	16	17077
179	Madhya Pradesh	2	Agar Malwa	95529	66870	29549	15	15759
180	Madhya Pradesh	3	Anuppur	99730	69811	44025	21	23480
181	Madhya Pradesh	4	Ashoknagar	183452	128416	30111	8	16059
182	Madhya Pradesh	5	Badwani	173055	121139	33641	9	17942
183	Madhya Pradesh	6	Balaghat	198362	138853	63097	15	33652
184	Madhya Pradesh	7	Betul	196183	137328	111445	27	59437
185	Madhya Pradesh	8	Bhind	160406	112284	91231	27	48657
186	Madhya Pradesh	9	Bhopal	103787	72651	59453	27	31708
187	Madhya Pradesh	10	Burhanpur	58256	40779	37075	30	19773
188	Madhya Pradesh	11	Chhatarpur	243443	170410	50010	10	26672
189	Madhya Pradesh	12	Chhindwara	263687	184581	91738	17	48927
190	Madhya Pradesh	13	Damoh	281021	196715	43850	7	23387

191	Madhya Pradesh	14	Datiya	124050	86835	44308	17	23631
192	Madhya Pradesh	15	Dewas	258277	180794	106659	20	56885
193	Madhya Pradesh	16	Dhar	327189	229032	102080	15	54443
194	Madhya Pradesh	17	Dindori	97642	68349	28122	14	14998
195	Madhya Pradesh	18	Guna	255217	178652	54613	10	29127
196	Madhya Pradesh	19	Gwalior	236532	165572	41780	8	22283
197	Madhya Pradesh	20	Harda	88168	61718	28083	15	14978
198	Madhya Pradesh	21	Hosangabad	199439	139607	69570	17	37104
199	Madhya Pradesh	22	Indore	181633	127143	133314	35	71101
200	Madhya Pradesh	23	Jabalpur	198187	138731	64442	15	34369
201	Madhya Pradesh	24	Jhabua	161195	112837	50262	15	26806
202	Madhya Pradesh	25	Katani	159412	111588	32309	10	17231
203	Madhya Pradesh	26	Khandwa	166960	116872	51562	15	27500
204	Madhya Pradesh	27	Khargone	274999	192499	65290	11	34821
205	Madhya Pradesh	28	Mandla	114457	80120	46526	19	24814
206	Madhya Pradesh	29	Mandsaur	253382	177367	116258	22	62004
207	Madhya Pradesh	30	Morena	387760	271432	97019	12	51743
208	Madhya Pradesh	31	Narsinghpur	193332	135332	60804	15	32429
209	Madhya Pradesh	32	Neemuch	180363	126254	52447	14	27972
210	Madhya Pradesh	33	Panna	224672	157270	62474	13	33319
211	Madhya Pradesh	34	Raisen	251221	175855	61634	12	32871
212	Madhya Pradesh	35	Rajgarh	403387	282371	57141	7	30475
213	Madhya Pradesh	36	Ratlam	216070	151249	85272	19	45478
214	Madhya Pradesh	37	Rewa	414753	290327	81483	9	43458
215	Madhya Pradesh	38	Sagar	475590	332913	77574	8	41373

	Pradesh							
216	Madhya Pradesh	39	Satna	433171	303220	73494	8	39197
217	Madhya Pradesh	40	Sehore	176635	123645	141484	38	75458
218	Madhya Pradesh	41	Seoni	197674	138372	74702	18	39841
219	Madhya Pradesh	42	Shahdol	153657	107560	40277	12	21481
220	Madhya Pradesh	43	Shajapur	195905	137134	64658	16	34484
221	Madhya Pradesh	44	Sheopurkala	184665	129266	27729	7	14789
222	Madhya Pradesh	45	Shivpuri	386910	270837	61499	8	32799
223	Madhya Pradesh	46	Sidhi	174057	121840	67461	18	35979
224	Madhya Pradesh	47	Singroli	184823	129376	33905	9	18083
225	Madhya Pradesh	48	Tikamgarh	246599	172619	75786	15	40419
226	Madhya Pradesh	49	Ujjain	286166	200316	118019	20	62943
227	Madhya Pradesh	50	Umaria	108565	75996	20716	9	11049
228	Madhya Pradesh	51	Vidisha	266776	186743	44369	8	23663
229	Maharashtra	1	Ahmednagar	934468	654128	731696	37	414628
230	Maharashtra	2	Akola	110051	77036	346741	150	196487
231	Maharashtra	3	Amravati	234618	164233	67375	14	38179
232	Maharashtra	4	Aurangabad	252876	177013	105053	20	59530
233	Maharashtra	5	Beed	303240	212268	86957	14	49276
234	Maharashtra	6	Bhandara	136543	95580	67692	24	38359
235	Maharashtra	7	Buldhana	236749	165724	65007	13	36837
236	Maharashtra	8	Chandrapur	128960	90272	32311	12	18310
237	Maharashtra	9	Dhule	163741	114619	41632	12	23591
238	Maharashtra	10	Gadchiroli	141263	98884	15203	5	8615
239	Maharashtra	11	Gondia	130064	91045	38505	14	21820
240	Maharashtra	12	Hingoli	106172	74320	37679	17	21351
241	Maharashtra	13	Jalgaon	358250	250775	136596	18	77404
242	Maharashtra	14	Jalna	163238	114267	46822	14	26532
243	Maharashtra	15	Latur	229469	160628	108559	23	61517
244	Maharashtra	16	Nagpur	195104	136573	71258	17	40380
245	Maharashtra	17	Nanded	294213	205949	72000	12	40800
246	Maharashtra	18	Nandurbar	116660	81662	22520	9	12761
247	Maharashtra	19	Nashik	486957	340870	283001	28	160367
248	Maharashtra	20	Osmanabad	271556	190089	117149	21	66384

249	Maharashtra	21	Palghar	102197	71538	22801	11	12921
250	Maharashtra	22	Parbhani	136135	95295	42414	15	24035
251	Maharashtra	23	Pune	694983	486488	509994	35	288997
252	Maharashtra	24	Raigad	94329	66030	23421	12	13272
253	Maharashtra	25	Ratnagiri	86452	60516	25909	14	14682
254	Maharashtra	26	Sangli	496766	347736	235774	23	133605
255	Maharashtra	27	Satara	401010	280707	393611	47	223046
256	Maharashtra	28	Sindhudurg	52931	37052	19365	17	10974
257	Maharashtra	29	Solapur	715810	501067	211693	14	119959
258	Maharashtra	30	Thane	86461	60523	18397	10	10425
259	Maharashtra	31	Wardha	122395	85677	42954	17	24341
260	Maharashtra	32	Washim	99227	69459	19440	9	11016
261	Maharashtra	33	Yavatmal	250183	175128	49798	9	28219
262	Odisha	1	Angul	97653	68357	53197	26	38302
263	Odisha	2	Balesore	250261	175183	94940	18	68357
264	Odisha	3	Bargarh	78330	54831	72938	44	52515
265	Odisha	4	Bhadrak	202610	141827	57168	13	41161
266	Odisha	5	Bolangir	84669	59268	65195	37	46940
267	Odisha	6	Boudh	34052	23836	22576	32	16255
268	Odisha	7	Cuttack	259337	181536	140709	26	101310
269	Odisha	8	Deogarh	28166	19716	14801	25	10657
270	Odisha	9	Dhenkanal	152754	106928	39545	12	28472
271	Odisha	10	Gajapati	32271	22590	18272	27	13156
272	Odisha	11	Ganjam	188924	132247	65054	16	46839
273	Odisha	12	Jagatsinghpur	109793	76855	115515	50	83171
274	Odisha	13	Jajpur	201780	141246	58426	14	42067
275	Odisha	14	Jharsuguda	28701	20091	13569	23	9770
276	Odisha	15	Kalahandi	74930	52451	37672	24	27124
277	Odisha	16	Kandhamal	45536	31875	38898	41	28007
278	Odisha	17	Kendrapada	161124	112787	73121	22	52647
279	Odisha	18	Keonjhar	144960	101472	61985	20	44629
280	Odisha	19	Khordha	116967	81877	32789	13	23608
281	Odisha	20	Koraput	127008	88906	31840	12	22925
282	Odisha	21	Malkangiri	87880	61516	14459	8	10410
283	Odisha	22	Mayurbhanj	165846	116092	59580	17	42898
284	Odisha	23	Nabarangpur	62828	43980	34267	26	24672
285	Odisha	24	Nayagarh	71688	50182	37279	25	26841
286	Odisha	25	Nuapada	30144	21101	19407	31	13973
287	Odisha	26	Puri	179478	125635	94341	25	67926
288	Odisha	27	Raygada	69015	48311	30481	21	21946
289	Odisha	28	Sambalpur	64382	45067	42787	32	30807
290	Odisha	29	Sonepur	38040	26628	28460	36	20491
291	Odisha	30	Sundargarh	92842	64989	35957	18	25889
292	Punjab	1	Amritsar	235604	164923	242111	49	137196
293	Punjab	2	Barnala	115057	80540	87725	36	49711

294	Punjab	3	Batindha	233610	163527	181064	37	102603
295	Punjab	4	Faridkot	173210	121247	76220	21	43191
296	Punjab	5	Fatehgarh	104998	73499	104111	47	58996
297	Punjab	6	Fazilka	196623	137636	99974	24	56652
298	Punjab	7	Ferozepur	111146	77802	93382	40	52916
299	Punjab	8	Gurdaspur	234688	164282	240057	49	136032
300	Punjab	9	Hoshiarpur	190182	133127	195895	49	111007
301	Punjab	10	Jalandhar	214669	150268	211815	47	120029
302	Punjab	11	Kapurthala	272332	190632	95672	17	54214
303	Punjab	12	Ludhiana	374512	262158	332211	42	188253
304	Punjab	13	Mansa	115361	80753	104965	43	59480
305	Punjab	14	Moga	151383	105968	136473	43	77335
306	Punjab	15	Muktsar	150639	105447	83709	26	47435
307	Punjab	16	Nawanshahr	97654	68358	79642	39	45130
308	Punjab	17	Pathankot	158122	110685	59967	18	33981
309	Punjab	18	Patiala	174225	121958	155163	42	87926
310	Punjab	19	Rupnagar	200609	140426	167460	40	94894
311	Punjab	20	S.A.S Nagar	98553	68987	101180	49	57335
312	Punjab	21	Sangrur	296858	207801	174854	28	99084
313	Punjab	22	Tarn-Tarn	139465	97626	98405	34	55763
314	Rajasthan	1	Ajmer	520000	364000	203496	19	101748
315	Rajasthan	2	Alwar	760000	532000	283464	18	151181
316	Rajasthan	3	Banswara	379000	265300	163097	20	86985
317	Rajasthan	4	Baran	329000	230300	55766	8	29742
318	Rajasthan	5	Barmer	587000	410900	43426	4	23161
319	Rajasthan	6	Bharatpur	240000	168000	230165	46	122755
320	Rajasthan	7	Bhilwara	663000	464100	236456	17	126110
321	Rajasthan	8	Bikaner	645000	451500	81203	6	43308
322	Rajasthan	9	Bundi	331000	231700	76420	11	40757
323	Rajasthan	10	Chittorgarh	453000	317100	117216	12	62515
324	Rajasthan	11	Churu	385000	269500	68974	9	36786
325	Rajasthan	12	Dausa	383000	268100	156117	19	83262
326	Rajasthan	13	Dholpur	259000	181300	76351	14	40721
327	Rajasthan	14	Dungarpur	277000	193900	103791	18	55355
328	Rajasthan	15	Hanumangarh	515000	360500	152656	14	81417
329	Rajasthan	16	Jaipur	1058000	740600	583443	26	311170
330	Rajasthan	17	Jaisalmer	252000	176400	12619	2	6730
331	Rajasthan	18	Jalore	444000	310800	63160	7	33685
332	Rajasthan	19	Jhalawar	383000	268100	48282	6	25750
333	Rajasthan	20	Jhunjhunu	366000	256200	131300	17	70027
334	Rajasthan	21	Jodhpur	685000	479500	202831	14	108177
335	Rajasthan	22	Karauli	341000	238700	104949	15	55973
336	Rajasthan	23	Kota	274000	191800	52561	9	28033
337	Rajasthan	24	Nagaur	651000	455700	236069	17	125903
338	Rajasthan	25	Pali	394000	275800	107769	13	57477

339	Rajasthan	26	Pratapgarh	223000	156100	46091	10	24582
340	Rajasthan	27	Rajsamand	272000	190400	71378	12	38068
341	Rajasthan	28	Sawai Madhopur	256000	179200	62406	12	33283
342	Rajasthan	29	Sikar	528000	369600	237677	21	126761
343	Rajasthan	30	Sirohi	224000	156800	39169	8	20890
344	Rajasthan	31	Sriganganagar	533000	373100	167697	15	89438
345	Rajasthan	32	Tonk	363000	254100	84456	11	45043
346	Rajasthan	33	Udaipur	740000	518000	126993	8	67730
347	Tamil Nadu	1	CHENNAI	18975	13283	1864	5	1056
348	Tamil Nadu	2	CUDDALORE	222160	155512	192838	41	109275
349	Tamil Nadu	3	Kanchipuram	242429	169700	204279	40	115758
350	Tamil Nadu	4	NAGAPATTINAM	182390	127673	117228	31	66429
351	Tamil Nadu	5	PUDUKKOTTAI	307709	215396	155099	24	87889
352	Tamil Nadu	6	RAMANATHAPURAM	53127	37189	51308	46	29075
353	Tamil Nadu	7	SALEM	448268	313788	467875	50	265129
354	Tamil Nadu	8	SIVAGANGA	141589	99112	80007	27	45337
355	Tamil Nadu	9	THE NILGIRIS	36381	25467	24464	32	13863
356	Tamil Nadu	10	THIRUVALLUR	173244	121271	169763	47	96199
357	Tamil Nadu	11	Tiruvannamalai	401566	281096	386880	46	219232
358	Tamil Nadu	12	Villupuram	497923	348546	454302	43	257438
359	Tamil Nadu	13	VIRUDHUNAGAR	150838	105587	155080	49	87879
360	Telangana	1	Adilabad	129857	90900	25115	9	14232
361	Telangana	2	Bhadradi Kothagudem	173985	121790	78845	22	44679
362	Telangana	3	Jagtial	75954	53168	44242	28	25070
363	Telangana	4	Jangaon	102659	71861	59935	28	33963
364	Telangana	5	Jayashankar Bhupalpally	54583	38208	33779	29	19141
365	Telangana	6	Jogulamba gadwal	54339	38037	52544	46	29775
366	Telangana	7	Kamareddy	135914	95140	51364	18	29106
367	Telangana	8	Karimnagar	84928	59450	74201	42	42047
368	Telangana	9	Khammam	259686	181780	228748	42	129624
369	Telangana	10	Komaram Bheem	75184	52629	20164	13	11426
370	Telangana	11	Mahabubabad	114246	79972	60346	25	34196
371	Telangana	12	Mahabubnagar	89687	62781	50538	27	28638
372	Telangana	13	Mancherial	93316	65321	22053	11	12497
373	Telangana	14	Medak	135957	95170	63245	22	35839
374	Telangana	15	Medchal	49177	34424	20419	20	11571
375	Telangana	16	Mulugu	50386	35270	31558	30	17883
376	Telangana	17	Nagarkurnool	144380	101066	55558	18	31483
377	Telangana	18	Nalgonda	233003	163102	125853	26	71317
378	Telangana	19	Narayanapet	77988	54592	37610	23	21312
379	Telangana	20	Nirmal	125986	88190	24065	9	13637
380	Telangana	21	Nizamabad	145481	101837	64832	21	36738
381	Telangana	22	Peddapalli	61762	43233	52510	40	29756

382	Telangana	23	Rajanna Sircilla	53435	37405	41720	37	23641
383	Telangana	24	Ranga Reddy	219474	153632	85599	19	48506
384	Telangana	25	Sanga Reddy	161771	113240	69328	20	39286
385	Telangana	26	Siddipet	137569	96298	85331	30	48354
386	Telangana	27	Suryapet	180044	126031	139421	37	79005
387	Telangana	28	Vikarabad	108680	76076	46411	20	26300
388	Telangana	29	Wanaparthy	68771	48140	41607	29	23577
389	Telangana	30	Warangal (Rural)	78673	55071	64577	39	36594
390	Telangana	31	Warangal (urban)	47195	33037	42142	43	23880
391	Telangana	32	Yadadri Bhuvangiri	126359	88451	109432	41	62011
392	Uttarakhand	1	ALMORA	104562	73193	42671	19	24180
393	Uttarakhand	2	BAGESHWAR	50485	35340	25281	24	14326
394	Uttarakhand	3	CHAMOLI	81065	56746	29649	17	16801
395	Uttarakhand	4	CHAMPAWAT	44725	31308	22886	24	12969
396	Uttarakhand	5	DEHRADUN	125629	87940	89870	34	50926
397	Uttarakhand	6	HARIDWAR	199162	139413	149365	36	84640
398	Uttarakhand	7	NAINITAL	125250	87675	88726	34	50278
399	Uttarakhand	8	PAURI	132476	92733	24149	9	13684
400	Uttarakhand	9	PITHORAGARH	101836	71285	25962	12	14712
401	Uttarakhand	10	RUDRAPRAYAG	49984	34989	16766	16	9501
402	Uttarakhand	11	TEHRI	83115	58181	21674	12	12282
403	Uttarakhand	12	UDHAM SINGH NAGAR	154447	108113	198823	61	112666
404	Uttarakhand	13	UTTARKASHI	51325	35928	22702	21	12864
405	Uttar Pradesh	1	Agra	599250	419475	317035	25	163801
406	Uttar Pradesh	2	Aligarh	633972	443780	335545	25	173365
407	Uttar Pradesh	3	Allahabad	573850	401695	341198	28	176286
408	Uttar Pradesh	4	Ambedkar nagar	249037	174326	166053	32	85794
409	Uttar Pradesh	5	Amethi	292109	204476	225077	37	116290
410	Uttar Pradesh	6	Amroha	366611	256628	257969	34	133284
411	Uttar Pradesh	7	Auraiya	166456	116519	119072	34	61521
412	Uttar Pradesh	8	Azamgarh	500621	350435	281788	27	145590
413	Uttar Pradesh	9	Badaun	497506	348254	360320	34	186165
414	Uttar Pradesh	10	Baghpat	246055	172239	131057	25	67713
415	Uttar Pradesh	11	Bahraich	410242	287169	234823	27	121325
416	Uttar Pradesh	12	Balia	271065	189746	221930	39	114664
417	Uttar Pradesh	13	Balrampur	184633	129243	127969	33	66117
418	Uttar Pradesh	14	Banda	308247	215773	51012	8	26356
419	Uttar Pradesh	15	Barabanki	404982	283487	301361	35	155703
420	Uttar Pradesh	16	Bareilly	418300	292810	286612	33	148083
421	Uttar Pradesh	17	Basti	233004	163103	147285	30	76097
422	Uttar Pradesh	18	Bhadohi	179609	125726	85798	23	44329
423	Uttar Pradesh	19	Bijnor	416685	291680	232589	27	120171
424	Uttar Pradesh	20	Bulandsahar	772262	540583	533257	33	275516
425	Uttar Pradesh	21	Chandauli	222869	156008	214245	46	110693

426	Uttar Pradesh	22	Chitrakoot	288561	201993	81040	13	41871
427	Uttar Pradesh	23	Deoriya	216301	151411	167064	37	86316
428	Uttar Pradesh	24	Etah	337467	236227	260960	37	134829
429	Uttar Pradesh	25	Etawah	210581	147407	152360	34	78719
430	Uttar Pradesh	26	Faizabad	311021	217715	240087	37	124045
431	Uttar Pradesh	27	Farukhabad	199093	139365	122623	29	63355
432	Uttar Pradesh	28	Fatehpur	459675	321773	233869	24	120832
433	Uttar Pradesh	29	Firozabad	312362	218653	199885	30	103274
434	Uttar Pradesh	30	Gautam budh nagar	176930	123851	107843	29	55719
435	Uttar Pradesh	31	Ghaziabad	161041	112729	114249	34	59029
436	Uttar Pradesh	32	Ghazipur	435763	305034	170747	19	88219
437	Uttar Pradesh	33	Gonda	410044	287031	228786	27	118206
438	Uttar Pradesh	34	Gorakhpur	288139	201697	235321	39	121583
439	Uttar Pradesh	35	Hamirpur	228057	159640	53793	11	27793
440	Uttar Pradesh	36	Hapur	192826	134978	143340	35	74059
441	Uttar Pradesh	37	Hardoi	485230	339661	367869	36	190066
442	Uttar Pradesh	38	Hathras	244123	170886	177907	35	91919
443	Uttar Pradesh	39	Jalaun	241538	169077	69324	14	35817
444	Uttar Pradesh	40	Jaunpur	477807	334465	274394	27	141770
445	Uttar Pradesh	41	Jhansi	299916	209941	60363	10	31188
446	Uttar Pradesh	42	Kannauj	217214	152050	123824	27	63976
447	Uttar Pradesh	43	Kanpur Dehat	272185	190530	202125	35	104431
448	Uttar Pradesh	44	Kanpur Nagar	315171	220620	155882	24	80539
449	Uttar Pradesh	45	Kashganj	427823	299476	215527	24	111356
450	Uttar Pradesh	46	Kaushambi	179741	125819	110867	29	57281
451	Uttar Pradesh	47	Kushinagar	226619	158633	178380	37	92163
452	Uttar Pradesh	48	Lakhimpur Khiri	527008	368906	206724	19	106807
453	Uttar Pradesh	49	Lalitpur	358665	251066	37340	5	19292
454	Uttar Pradesh	50	Lucknow	288424	201897	195181	32	100844
455	Uttar Pradesh	51	Maharajganj	123862	86703	91145	35	47092
456	Uttar Pradesh	52	Mahoba	167196	117037	17860	5	9228
457	Uttar Pradesh	53	Mainpuri	270945	189662	179717	32	92854
458	Uttar Pradesh	54	Mathura	503219	352253	237250	22	122579
459	Uttar Pradesh	55	Mau	170319	119223	100261	28	51802
460	Uttar Pradesh	56	Meerut	415198	290639	291791	33	150759
461	Uttar Pradesh	57	Mirzapur	298631	209042	140034	22	72351
462	Uttar Pradesh	58	Moradabad	288128	201690	158006	26	81636
463	Uttar Pradesh	59	Mujaffar nagar	358134	250694	258290	34	133450
464	Uttar Pradesh	60	Pilibhit	194908	136436	142725	35	73741
465	Uttar Pradesh	61	Pratapgarh	359534	251674	128283	17	66280
466	Uttar Pradesh	62	Raibareilly	330937	231656	275699	40	142444
467	Uttar Pradesh	63	Rampur	278717	195102	160034	27	82684
468	Uttar Pradesh	64	Saharanpur	449778	314845	246649	26	127435
469	Uttar Pradesh	65	Sahjahanpur	346482	242537	135342	19	69927
470	Uttar Pradesh	66	Sambhal	356796	249757	240075	32	124039

471	Uttar Pradesh	67	Sant kabir nagar	104028	72820	76734	35	39646
472	Uttar Pradesh	68	Shamli	183780	128646	116005	30	59936
473	Uttar Pradesh	69	Shrawasti	135441	94809	80657	28	41673
474	Uttar Pradesh	70	Siddharth nagar	196964	137875	139209	34	71925
475	Uttar Pradesh	71	Sitapur	410357	287250	309422	36	159868
476	Uttar Pradesh	72	Sonbhadra	278821	195175	118622	20	61288
477	Uttar Pradesh	73	Sultanpur	333047	233133	162825	23	84126
478	Uttar Pradesh	74	Unnao	402168	281518	236694	28	122292
479	Uttar Pradesh	75	Varanasi	317483	222238	177152	27	91529
480	West Bengal	1	Alipurduar	211310	147917	81020	18	45911
481	West Bengal	2	Bankura	565193	395635	239937	20	135964
482	West Bengal	3	Bardhaman East	663859	464701	386599	28	219073
483	West Bengal	4	Bardhaman West	127798	89459	44491	17	25212
484	West Bengal	5	Birbhum	442084	309459	238614	26	135215
485	West Bengal	6	Cooch Behar	493717	345602	263459	25	149293
486	West Bengal	7	Dakshin Dinajpur	190980	133686	106573	27	60391
487	West Bengal	8	Darjeeling	23965	16776	3096	6	1754
488	West Bengal	9	Hooghly	399539	279677	314477	37	178204
489	West Bengal	10	Howrah	113066	79146	98244	41	55672
490	West Bengal	11	Jalpaiguri	284696	199287	132885	22	75302
491	West Bengal	12	Jhargram	190688	133482	54834	14	31073
492	West Bengal	13	Kalimpong	22087	15461	2063	4	1169
493	West Bengal	14	Malda	371333	259933	216599	28	122739
494	West Bengal	15	Murshidabad	454115	317881	472990	50	268028
495	West Bengal	16	N 24 PGS	267790	187453	212720	38	120541
496	West Bengal	17	Pashim Mednipur	718353	502847	367325	24	208151
497	West Bengal	18	Purba Mednipur	449161	314413	189545	20	107409
498	West Bengal	19	Purulia	244023	170816	88331	17	50054
499	West Bengal	20	S 24 PGS	382951	268066	161238	20	91368
500	West Bengal	21	Siliguri	59629	41740	29966	24	16981
501	Arunachal Pradesh	1	Anjaw	544	381	0	0	0
502	Arunachal Pradesh	2	Changlang	10670	7469	0	0	0
503	Arunachal Pradesh	3	Dibang Valley	138	97	0	0	0
504	Arunachal Pradesh	4	East Kameng	9938	6957	0	0	0
505	Arunachal Pradesh	5	East Siang	14564	10195	321	1	139
506	Arunachal Pradesh	6	Kradadi	3801	2661	0	0	0
507	Arunachal Pradesh	7	Kurung Kumey	654	458	0	0	0
508	Arunachal Pradesh	8	Lohit	28526	19968	502	1	218

509	Arunachal Pradesh	9	Longding	1120	784	0	0	0
510	Arunachal Pradesh	10	Lower Dibang Valley	5864	4105	311	3	135
511	Arunachal Pradesh	11	Lower Subansiri	15270	10689	182	1	79
512	Arunachal Pradesh	12	Namsai	3558	2491	776	10	336
513	Arunachal Pradesh	13	Papum-Pare	12351	8646	0	0	0
514	Arunachal Pradesh	14	Siang	4297	3008	0	0	0
515	Arunachal Pradesh	15	Tawang	7395	5177	0	0	0
516	Arunachal Pradesh	16	Tirap	865	606	0	0	0
517	Arunachal Pradesh	17	Upper Siang	2968	2078	0	0	0
518	Arunachal Pradesh	18	Upper Subansiri	6454	4518	0	0	0
519	Arunachal Pradesh	19	West Kameng	6239	4367	242	2	105
520	Arunachal Pradesh	20	West Siang	4720	3304	0	0	0
521	Assam	1	BAKSA	130891	91624	9608	3	4212
522	Assam	2	Barpeta	190033	133023	62270	16	27295
523	Assam	3	Biswanath	119431	83602	7723	3	3385
524	Assam	4	BONGAIGAON	94784	66349	28948	15	12689
525	Assam	5	Cachar	152433	106703	11266	4	4938
526	Assam	6	Chirang	74482	52137	5760	4	2525
527	Assam	7	DARRANG	169239	118467	19108	5	8376
528	Assam	8	DHEMAJI	137535	96275	1255	0	550
529	Assam	9	DHUBRI	137729	96410	15584	5	6831
530	Assam	10	Dibrugarh	98160	68712	8296	4	3636
531	Assam	11	Dima Hasao	13742	9619	1514	5	664
532	Assam	12	Goalpara	112394	78676	10051	4	4406
533	Assam	13	Golaghat	262861	184003	9743	2	4271
534	Assam	14	Hailakandi	58336	40835	9265	8	4061
535	Assam	15	Hojai	111700	78190	22429	10	9831
536	Assam	16	Jorhat	162834	113984	12496	4	5477
537	Assam	17	Kamrup	204348	143044	32896	8	14419
538	Assam	18	Kamrup (M)	55108	38576	18522	16	8119
539	Assam	19	Karbi Anglong	101490	71043	4779	2	2095
540	Assam	20	Karimganj	117129	81990	4989	2	2187
541	Assam	21	Kokrajhar	107969	75578	7710	3	3380
542	Assam	22	Lakhimpur	166173	116321	7143	2	3131
543	Assam	23	Majuli	37596	26317	438	1	192

544	Assam	24	Morigaon	124559	87191	25098	10	11001
545	Assam	25	Nagaon	249989	174992	66497	13	29148
546	Assam	26	Nalbari	113974	79782	27845	12	12205
547	Assam	27	Sibsagar	104879	73415	7790	4	3415
548	Assam	28	Sonitpur	184782	129347	31688	8	13890
549	Assam	29	Soraideu	27823	19476	2243	4	983
550	Assam	30	South Salmara	47590	33313	3518	4	1542
551	Assam	31	Tinsukia	119277	83494	10868	4	4764
552	Assam	32	Udalguri	126956	88869	6041	2	2648
553	Assam	33	West Karbi Anglong	39920	27944	277	0	121
554	Manipur	1	BISHNUPUR	2095	1467	2095	48	908
555	Manipur	2	CHANDEL	83	58	83	48	36
556	Manipur	3	CHURACHANDPUR	461	323	461	48	200
557	Manipur	4	IMPHAL EAST	1560	1092	1560	48	676
558	Manipur	5	IMPHAL WEST	5052	3536	5052	48	2189
559	Manipur	6	JIRIBAM		0		0	0
560	Manipur	7	KANGPOKPI		0		0	0
561	Manipur	8	MOREH		0		0	0
562	Manipur	9	SENAPATI	807	565	807	48	350
563	Manipur	10	TAMENGLONG	40	28	40	48	17
564	Manipur	11	THOUBAL	3553	2487	3553	48	1540
565	Manipur	12	UKHRUL	217	152	217	48	94
566	Meghalaya	1	East Khasi Hills	50768	35538	8159	2720	8
567	Meghalaya	2	Ri Bhoi	36923	25846	10226	3409	13
568	Meghalaya	3	South Garo	50497	35348	0	0	0
569	Meghalaya	4	South West Garo Hills	68011	47608	1046	349	1
570	Meghalaya	5	South West Khasi hills	20897	14628	0	0	0
571	Meghalaya	6	West Garo Hills	138230	96761	1579	526	1
572	Meghalaya	7	West Jaintia Hills	26025	18218	474	158	1
573	Meghalaya	8	East Garo Hills	25068	17548	37	12	0
574	Meghalaya	9	North Garo hills	22839	15987	6	2	0
575	Meghalaya	10	West Khasi Hills	52648	36854	68	23	0
576	Meghalaya	11	East Khasi Hills	50768	35538	8159	2720	8
577	Mizoram	1	Aizawl	3897	2728	2348	29	1017
578	Mizoram	2	Champhai	3185	2230	558	8	242
579	Mizoram	3	Kolasib	3670	2569	577	7	250
580	Mizoram	4	Lawngtlai	1692	1184	237	7	103
581	Mizoram	5	Lunglei	2445	1712	805	16	349
582	Mizoram	6	Mamit	1209	846	87	3	38
583	Mizoram	7	Serchhip	1719	1203	417	12	181
584	Mizoram	8	Siaha	1585	1110	137	4	59
585	Nagaland	1	Dimapur	7468	5228	10859	69	4706

586	Nagaland	2	Kiphire	562	393	125	11	54
587	Nagaland	3	Kohima	5113	3579	6994	65	3031
588	Nagaland	4	Longleng	4312	3018	112	1	49
589	Nagaland	5	Mokokchung	716	501	1164	77	504
590	Nagaland	6	Mon	3204	2243	106	2	46
591	Nagaland	7	Peren	6714	4700	571	4	247
592	Nagaland	8	Phek	2055	1439	419	10	182
593	Nagaland	9	Tuensang	2967	2077	104	2	45
594	Nagaland	10	Wokha	903	632	92	5	40
595	Nagaland	11	Zunheboto	3201	2241	102	2	44
596	Sikkim	1	East	33746	23622	9407	13	4076
597	Sikkim	2	West	29989	20992	5450	9	2362
598	Sikkim	3	North	12195	8537	147	1	64
599	Sikkim	4	South	26117	18282	3121	6	1352
600	Tripura	1	Dhalai	49720	34804	12385	12	5367
601	Tripura	2	Gomati	55593	38915	19872	17	8611
602	Tripura	3	Khowai	36989	25892	13869	18	6010
603	Tripura	4	North District	40255	28179	9720	11	4212
604	Tripura	5	Sepahijala	72150	50505	33454	22	14497
605	Tripura	6	South District	74602	52221	11377	7	4930
606	Tripura	7	Unakoti	35533	24873	4509	6	1954
607	Tripura	8	West District	54191	37934	38938	34	16873
	Total			122009148	85406404	55117705	21	30002892

Annexure-II: MINIMUM STANDARD PROTOCOL PRESCRIBED BY GOI

Breed	Dam's Lactation yield (Kgs)		
	First	Best	Fat%
Holstein Friesian	7000	10000	3.5
Jersey	5000	6000	5.0
Sahiwal	2400	3000	4.0
Red Sindhi	2000	2500	4.5
Gir	2400	3000	4.5
Kankrej	2000	2500	4.5
Tharparkar	2000	2500	4.0
Hariana	1600	2000	4.0
Rathi	1600	2000	4.0
Ongole	1100	1600	4.0
Deoni	800	1000	4.0
Khillar	380	500	4.0
Dangi	400	530	4.0
Amritmahal	400	500	4.0
HF Cross- F2	5000	6000	4.0
Jersey Cross- F2	3500	4500	4.5
Sunandini	2500	3000	3.5
Murrah	2400	3000	7.0
Mehsana	2400	3000	7.0
Nili Ravi	2400	3000	7.0
Jaffrabadi	2800	3500	8.0
Surti	1600	2000	7.0
Banni	2400	3000	7.0
Bhadawari	1300	1600	8.0
Pandharpuri	1300	1600	7.0

The standard for Dam's lactation yield for FI cross bulls will be the same as that of respective indigenous bull dam i.e. Gir, Sahiwal, Kankrej, Red Sindhi, etc.

For Breeds not mentioned in above table, concerned State government may notify the min. Dam's lactation details and Breed code.

For imported bulls and embryos, the standards for import of germplasm as prescribed in the "Guidelines for export / import of bovine germplasm" issued and amended from time - to -time by DAHD, Ministry of Fisheries, Animal Husbandry and Dairying, GOI shall be applicable

Annexure III

Statewise Expenditure Statement

(Rs. in Lakh)

S. No	States/Uts	No. of districts	Target no.of animals (lakh)	Total No.of A.I to be performed @ 3 A.I / animal (lakh)	No.of semen doses reqd +10% extra (lakh)	Cost of semen doses incl consumables transportation and Storage @ Rs. 25/ dose	Incentives on A.I to PVT. A.I. tech @ Rs. 50/A.I & Rs.100/- for NER and hilly States	Incentives @ Rs. 150/- for achieving conception at first AI (all AI's)	Incentives @ Rs. 100/-for achieving conception at 2nd AI (all AI's)	Incentives on calf born to Pvt. A.I. tech @ Rs. 100/Calf born	1 DEO on consolidated basis @ Rs. 18000/-per month for 10 months per district	Contingency grant @ Rs. 5 lakhs/- per district for publicity at village and district level (wall writing, Banners etc) monitoring of progress , storage ,transportation of semen doses & AI consumables	Parentage testing for 100 calves/district @ Rs.3400/calf (for both dam & Calf samples @ Rs. 1700/ calf and Rs. 1700 for dam both)	Awareness programme at State level @ Rs. 5 lakh	Total expenditure (Rs. in lakh)
1	Andhra Pradesh	9	13.88	41.6	45.8	1145.1	1041.0	416.4	1388.0	694.0	16.2	45.00	30.60	5.0	4781
2	Bihar	38	18.380	55.1	60.7	1516.4	1378.5	551.4	1838.0	919.0	68.4	190.00	129.20	5.0	6596
3	Chattisgarh	27	3.46	10.4	11.4	285.5	259.5	103.8	346.0	173.0	48.6	135.00	91.80	5.0	1448.2
4	Gujarat	21	14.09	42.3	46.5	1162.5	1056.8	422.7	1409.1	704.5	37.8	105.00	71.40	5.0	4974.8
5	Goa	2	0.17	0.5	0.6	14.0	12.8	5.1	17.0	8.5	3.6	10.00	6.80	5.0	82.8
6	Haryana	5	4.14	12.4	13.7	341.8	310.7	124.3	414.3	207.1	9.0	25.00	17.00	5.0	1454.2
7	Himachal Pradesh	12	5.42	16.3	17.9	447.5	813.6	162.7	542.4	271.2	21.6	60.00	40.80	5.0	2364.9
8	UT Jammu & Kashmir	20	4.60	13.8	15.2	379.5	690.0	138.0	460.0	230.0	36.0	100.00	68.00	5.0	2106.5
9	Ladakh	2	0.01	0.0	0.0	1.0	1.9	0.4	1.3	0.6	3.6	10.00	6.80	5.0	30.6
10	Jharkhand	24	4.38	13.1	14.4	361.0	656.4	131.3	437.6	437.6	43.2	120.00	81.60	5.0	2273.7
11	Karnataka	17	12.40	37.2	40.9	1022.9	929.9	372.0	1239.9	619.9	30.6	85.00	57.80	5.0	4363.0
12	Madhya Pradesh	51	17.24	51.7	56.9	1422.2	1292.9	517.2	1723.9	862.0	91.8	255.00	173.40	5.0	6343.5

13	Maharashtra	33	23.29	69.9	76.8	1921.1	1746.5	698.6	2328.6	1164.3	59.4	165.00	112.20	5.0	8200.7
14	Odisha	30	10.84	32.5	35.8	894.3	813.0	325.2	1084.0	542.0	54.0	150.00	102.00	5.0	3969.5
15	Punjab	22	17.69	53.1	58.4	1459.6	1326.9	530.7	1769.2	884.6	39.6	110.00	74.80	5.0	6200.3
16	Rajasthan	33	23.55	70.6	77.7	1942.5	1765.9	706.4	2354.5	1177.3	59.4	165.00	112.20	5.0	8288.1
17	Tamil Nadu	13	13.95	41.8	46.0	1150.5	1045.9	418.4	1394.6	697.3	23.4	65.00	44.20	5.0	4844.2
18	Telangana	32	11.35	34.1	37.5	936.4	851.3	340.5	1135.1	567.5	57.6	160.00	108.80	5.0	4162.3
19	Uttar Pradesh	75	72.75	218.2	240.1	6001.7	5456.1	2182.4	7274.7	3637.4	135.0	375.00	255.00	5.0	25322.3
20	Uttarakhand	13	4.30	12.9	14.2	354.6	644.7	128.9	429.8	214.9	23.4	65.00	44.20	5.0	1910.6
21	West Bengal	21	21.00	63.0	69.3	1732.1	1574.6	629.9	2099.5	1049.8	37.8	105.00	71.40	5.0	7305.0
	Total	500	296.87	890.62	979.69	24492.17	23668.93	8906.24	29687.48	15062.54	900.00	2500.00	1700.00	105.00	107022.35

For NER States

(Rs. in Lakh)

S. No	States/Uts	No. of districts	Target no.of animals (lakh)	Total No.of A.I to be performed @ 3 A.I / animal (lakh)	Incentives @ Rs. 150/- for achieving conception at first AI (all AIT's)	Incentives @ Rs. 100- for achieving conception at 2nd AI (all AIT's)	1 DEO on consolidated basis @ Rs. 18000/-per month for 10 months per district	Contingency grant @ Rs. 5 lakhs/- per district for publicity at village and district level (wall writing, Banners etc) monitoring of progress , storage ,transportation of semen doses & AI consumables	Parentage testing for 100 calves/district @ Rs.3400/calf (for both dam & Calf samples @ Rs. 1700/ calf and Rs. 1700 for dam both)	Awareness programme at State level @ Rs. 5 lakh	Total expenditure
1	Arunachal pradesh	20	0.010	0.03	0.30	1.01	36.0	100.00	68.00	5.0	210.3
2	Assam	33	2.164	6.49	64.92	216.39	59.4	165.00	112.20	5.0	622.9
3	Manipur	12	0.060	0.18	1.80	6.01	21.6	60.00	40.80	5.0	135.2
4	Meghalaya	11	0.101	0.29	2.91	9.70	19.8	55.00	37.40	5.0	129.8
5	Mizoram	8	0.022	0.07	0.67	2.24	14.4	40.00	27.20	5.0	89.5
6	Nagaland	11	0.089	0.27	2.68	8.95	19.8	55.00	37.40	5.0	128.8
7	Sikkim	4	0.079	0.24	2.36	7.85	7.2	20.00	13.60	5.0	56.0
8	Tripura	8	0.625	1.87	18.74	62.45	14.4	40.00	27.20	5.0	167.8
	NER Total*	107	3.15	9.44	94.38	314.60	192.60	535.00	363.80	40.00	1540.38

(* For NER States, Fund has already been released under NER A.I Program for certain components)

Annexure-IV: A.I FORMAT FOR INAPH UPLOADING

A.I FORMAT FOR INAPH UPLOADING										
Information Network for Animal Productivity and Health (INAPH)										
A.I. Format (Compulsory fields)										
<< Name of the Organisation>>										
Technician		Name					Month		Year	
User ID		Date: _____								
I	Registration									
a	Animal Details									
1	* Tag Number									
2	* Registration Date (DD/MM/YYYY)									
3	* Sex		Male		Female					
4	* Species		Cattle		Buffalo		Yak		Mithun	
							Sheep		Goat	
									Pig	
5	* Breed Name									
6	* Age		Years		Months					

7	* Number of Calvings	<div></div>											
8	*Pregnancy Status	<div><input type="checkbox"/> Yes</div> <div><input type="checkbox"/> No</div>											
Owner Details													
1	* Village Name	<div></div> <div>5</div> <div>number</div> <div>Mobile</div>											
2	*Hamlet Name	<div></div> <div>6</div> <div>*Aadhar</div> <div>No</div>											
3	* Owner Name	<div></div>											
4	* Owner Gender	<div><input type="checkbox"/> Male</div> <div><input type="checkbox"/> Female</div>											
II	A.I Transaction												
1	* Tag Number	<div></div>											
2	* Date of A.I	<div></div> (DD/MM/YYYY)											
3	*Bull ID	<div></div>											
III	Pregnancy Diagnosis												
1	*Result of P.D	<div><input type="checkbox"/> Pregnant</div> <div><input type="checkbox"/> Non pregnant</div>											
I	Calving Transaction												
V													
1	* Tag Number	<div></div>											
2	*Date of calving	<div></div>											

3 *Calving type

	Male			Female			Twins
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4 * Ease of calving

	Normal		Dystocia
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Signature

Fields Marked with * are Mandatory Suggestions

for Printer

1. One format will be used for one animal.
2. Format should be printed in 2 copies. While capturing the data carbon paper will be used.
3. If the data is not uploaded by the A.I technician himself, main copy will be forwarded for data entry at centralised location (Taluka/district). Lower copy will be office copy at AI Center.
4. Different colours may be given to different copies.
5. Rice paper (thin paper) should be used, to enable impression up to last copy.

F.No.22-11/2015-DP
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

Krishi Bhawan, New Delhi
Dated 4th August 2021

Subject :- Administrative Approval of Central Sector scheme "Supporting State Dairy Cooperatives and Farmer Producer organizations (SDC& FPO) engaged in dairy activities" during 2021-22 .

The undersigned is directed to convey the Administrative Approval towards implementation of Central Sector Scheme "Supporting Dairy Cooperatives and Farmer Producer organizations engaged in dairy activities" during severely adverse market conditions, natural calamities or unforeseen exigencies with an allocation of Rs 500 cr during 2021-22 to 2025-26. The scheme will be implemented through National Dairy Development Board.

2. The objective of the scheme is as follows:-

- i) To assist the Cooperative Societies and farmer producer organizations engaged in dairy activities by providing soft working capital loan to tide over the crisis on account of severely adverse market conditions or natural calamities.
- ii) To provide stable market access to the dairy farmers.
- iii) To enable Cooperative Societies and farmer producer organizations engaged in dairy activities to continue to make timely payments of dues to the farmers.
- iv) To enable the cooperatives & farmer producer organizations engaged in dairy activities to procure milk at a remunerative price from the farmers, even during the flush season.

3. The scheme have two component namely, Component A; "Working Capital Loan" and Component B: "Interest subvention on Working Capital loan". Component wise guidelines of the scheme is **enclosed** herewith. The component A will be kept under suspension during 2021-22. The committed liability under Component B of the scheme during 2020-21 shall be met during 2021-22. Proposal may be prepared and submitted as per the guidelines to National Dairy Development Board, Anand.

4. An allocation of Rs 100Cr was made during 2021-22 for providing interest subvention on working capital loan to enable Cooperative Societies and farmer producer organizations engaged in dairy activities to provide a stable market access to farmers.


DEEPAK SETHI
Under Secretary
DAHD

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5. The scheme will be driven by a High Powered Committee chaired by Secretary (DADF). The Composition of the High Powered Committee will be as follows:-

- a) Secretary (DAHD)- Chairman
- b) AS & FA, DAHD- member
- c) Managing Director, National Dairy Development Board- member & convener.
- d) Joint Secretary (Dairy Development), DAHD- member

6. The Implementing Agencies will submit quarterly progress reports (QPR), annual report, audit reports etc along with utilization certificate in the prescribed formats. The funds released under the project will be subjected to AG Audit of the concerned State.

7. This issues with the approval of Secretary (AHD) vide Dy.No.E-2162 dated 04.08.2021.


(Deepak Sethi)

Under Secretary to the Government of India
Under Secretary
DAHD

Distribution:

1. Chairman, National Dairy Development Board, Anand, Gujarat
2. Chief Executive Officer, Niti Ayog, Yojana Bhawan, New Delhi
3. Principal Accounts Officer, Ministry of Fisheries Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, 16-A, Akbar Road Hutments, New Delhi-110011.
4. Chief Controller of Accounts, Department of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan New Delhi.
5. Accountant General, AGCR Building, New Delhi-110002
6. Principal Secretary/Secretary, Department of Animal Husbandry/Dairy Development, All States and UT's
7. Managing Director, Milk Federation, All States and UTs

Copy for kind information to:

Sr.PPS to Secretary (AHD), PPS to SS & FA, PS to JS (C&DD)/ DC (DD)/ AC (DD)/ US(Budget)/ Guard file.

(Deepak Sethi)

Under Secretary to the Government of India

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OPERATIONAL GUIDELINES

for

Component A: "Working Capital Loan"

- i. The High Powered Committee will decide on the disbursement under the scheme.
- ii. Funds available with NDDDB to be used for providing soft loans for working capital to enable Cooperative Societies and farmer producer organizations engaged in dairy activities to provide a stable market access to farmers.
- iii. **Eligible Organizations:** Cooperative Societies and farmer producer organizations (FPOs) engaged in dairy activities.
- iv. **Eligibility Criteria:** Cooperative Societies and farmer producer organizations engaged in dairy activities which fulfil the following criteria will be eligible for working capital loan from the **corpus fund**; to be repaid within nine months-
 - a. Must not be a defaulter in repayment of long term loan or working capital loan to NDDDB and/or NCDC.
 - b. Past accounts, upto the previous financial year, must be attached with the loan application.
 - c. The Debt Service Coverage Ratio (DSCR) of the operations to cover the total liability towards lenders should work out to a minimum of 1.25 times.
 - d. The Cooperatives and FPOs engaged in dairy activities must post Operating Profits of the last 3 consecutive financial years. 'Other income & grant' should not be considered for calculation of Operating Profit.
 - e. Current Ratio should be a minimum of 1.00. 'Non recoverable debtors' shall be excluded from debtors and 'short term loan & interest due' to be included in current liabilities in calculation of Current Ratio.
 - f. Only those Cooperative Societies and farmer producer organizations engaged in dairy activities will be eligible which have not received any element of subsidy from the State Government for milk procurement. Those States where subsidy is paid either to the State Federations or directly to the farmers for milk procurement shall not be eligible to receive working capital loan on soft terms under this scheme.

Note:-

- a. The eligible borrowers must submit their application for working capital in a prescribed format to NDDDB.
- b. The details required would include month-wise details of milk procurement, liquid milk sale and milk disposed in various products for the past financial year and month-wise projected details, including projected cash flow for the financial year(s) of the working capital loan drawl and repayment.
- c. The borrower would also need to submit audited annual accounts for the last three financial years.

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Under Secretary
DAHD

v. **a) Computation of maximum eligibility of Working Capital:** The maximum eligibility of working capital shall be assessed as per the following formula.

- i. Working capital requirement during flush months is equivalent to:
 $[(MPPD-LMPD) \times MPP \times 120]$ Where: MPPD = Milk Procurement Per Day in Kg LMPD = Liquid Milk sale Per Day in Kg MPP = Milk Procurement Price paid to DCS per Kg. (120 days flush period)
- ii. Working capital requirement during lean months milk procurement period is equivalent to:
Cost of powder & white butter requirement during lean procurement months (80% of the purchase value)
- iii. Net working capital requirement:
Working capital requirement assessed as per (i) and/or (ii)
Less: share capital / free reserves invested in Fixed Deposits/ Bank Accounts, etc.

b) Maintenance, upkeep and distribution of Corpus fund: It is proposed to create a corpus fund under NDDB through a separate designated bank account which will be audited by internal and statutory auditor of NDDB as per NDDB Act. In addition, DADF may, as and when it is deemed necessary by it, get the accounts of the corpus fund audited by CAG of India.

The High Powered Committee set under the chairmanship of Secretary (DADF) will indicate state wise allocation of working capital fund.

c) Fund Disbursement: Fund disbursement shall be decided by HPC. The withdrawal of funds shall commence after the borrower completes the execution of documents and other formalities relating to security coverage. The withdrawal of the sanctioned loan shall be allowed in a maximum of 4 installments depending upon the requirement of the borrower.

NDDB shall ascertain the projected cash flow and carry out financial appraisal to work out the Debt Service Coverage Ratio (DSCR).

NDDB shall convey the approval of working capital loan to the borrower through a sanction letter.

d) Security & documentation:

- i. Board resolution
- ii. Working Capital Loan agreement
- iii. Demand Promissory Note
- iv. Letter of Continuity
- v. Letter of Hypothecation (for first charge on stock)
- vi. Post Dated Cheques (PDCs) for repayment of principal and interest


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- vii. Escrow arrangement on the operating bank account where all sale proceeds of the borrower are deposited for securing repayment in case of default.

In order to ensure that PDCs get paid on presentation, undertaking will be required from the borrower confirming that (i) the borrower will not request NDDDB to withhold presentation of PDC citing any reason and (ii) the borrower will ensure adequate funds on the due date of PDC and (iii) in the eventuality of any cheque getting dishonored, the borrower will not request NDDDB to abstain from taking action under section 138 of Negotiable Instruments Act.

e) Rate of Interest: The rate of interest proposed to be simple interest of 5 % per annum (floating rate), which will be calculated on a monthly rest basis from the date of disbursement of loan.

The penal rate of interest in case of default in repayment will be @ 2.00% per annum over & above the normal interest to be compounded monthly or any such rate as may be specified by High Powered Committee set under the chairmanship of Secretary (DADF).

f) Repayment period: The principal along with interest shall be repaid within a maximum period of nine months from the date of release of each installment.

g) Other terms and conditions:

The eligible organization availing subsidy shall keep NDDDB informed on the following in the prescribed format:

- a) Monthly Audited Fund Utilization Statement.
- b) Monthly Stock Statement. NDDDB shall physically verify the stock of commodities purchased/ converted by the borrower by availing working capital loan from NDDDB. The fund utilization, stock position of commodities purchased and cash-flow will be assessed/reviewed monthly by NDDDB and installments after the first shall be released only after ensuring that the borrower has utilized the previous amount as per the scheme and physical verification of stock.
- c) Interest or profit earned by NDDDB on the corpus or from working capital loans will be ploughed back to the corpus. NDDDB will furnish statement of account of the corpus to Govt. of India on a periodic basis.

OPERATIONAL GUIDELINES

for

Component B: 'Interest Subvention on Working Capital Loan'

1. Introduction:

The "Interest subvention on working capital loan" with a total outlay of Rs. 203 crore for supporting the milk cooperatives and milk producer companies institutions to overcome problems being faced due to COVID 19 has been approved by Government of India (GoI) for FY 2020-21. This component will continue during 2021-22 to 2025-26. This will be implemented by Department of Animal Husbandry and Dairying (DAHD), GoI through NDDB.

Under this provision, 2% per annum interest subvention on secured/unsecured working capital loan shall be provided. This is subject to the condition that such loans meet other criteria of the scheme and also any risk of default lies with the financing institutions. For prompt and timely repayment additional 2% interest subvention will be payable at the end of the loan repayment period.

Eligible Organisations:

Producers' Owned Institutions such as Milk Federations, Milk unions, Farmer owned/ Milk Producer Companies will be considered for providing financial assistance under the proposed scheme. They will be termed as Participating Agencies (PA).

2. Purpose of the Scheme:

The scheme would have the following benefits:

- a) It will help in providing stable market access to milk producers.
- b) Enable the Producer Owned Institutions to make timely payment of milk bill to milk producers.
- c) Improvement in farmers' income from dairying even during flush season making the dairy operations viable for milk producers.
- d) It will help Producer Owned Institutions in supplying quality milk and milk products to consumers at a reasonable price.
- e) It will help in stabilizing the domestic market price of conserved dairy commodities.
- f) It will help in converting surplus liquid milk into conserved commodities with higher shelf life.
- g) It will lead to reduced dependency on imported commodities during the period of shortage, thereby helping in stabilising the domestic prices of milk and milk products.

3. Eligibility Criteria for the PA:

Participating Agencies fulfilling following criteria will be eligible to avail interest subvention under the scheme:


DEEPAK SETHI
Under Secretary
DAHD

- a) The beneficiary (i.e. PA) should have a sanctioned loan/facility for working capital borrowing (including cash credit facility) from any Scheduled Commercial Banks/ RRBs/ Cooperative Banks/financial institutions (Hereafter called FI- Financing Institution) for meeting the working capital requirement during the operational period of the Scheme.
- b) Participating Agency must be regular in repayment of loans and interest servicing to FI and has to first repay the loan installments, to avail the benefits under the scheme.
- c) Interest Subvention shall be provided for the outstanding Working Capital loan during the current financial year (1st April 2021 and 31st March 2022).
- d) Interest Subvention shall be provided on back ended basis every month by National Dairy Development Board (NDDB) to Participating Agency bank account with FI after verifying the claim.
- e) Participating agency should pay back the procurement price to farmers on a regular basis and should be able to submit proof of that.
- f) The Participating Agency should agree to provide monthly reports with day-wise details on opening, addition, reduction and closing balance of Conserved Commodities and such milk processing /operations reports as required by NDDB.

4. Role of stakeholders

DAHD, NDDB, Financial Institutions (FI), and Participating Agencies (PA) will be major stakeholders of the project and the roles of these major stakeholders are given below:

Stakeholder	Roles
DAHD, GoI/SC	<ul style="list-style-type: none"> • Approve the scheme, finalize and issue operational guidelines of the scheme. • Budget support for grant assistance for interest subvention on working capital loan. • Release of fund to NDDB for onward release to eligible Participating Agencies through respective commercial banks. • Function of HPC: <ol style="list-style-type: none"> a) Approve changes in the Scheme guidelines, as and when needed. b) Approve the criteria of funding.
NDDB Implementing Agency (IA)	<ul style="list-style-type: none"> • Identify and screen project proposals seeking interest subvention submitted by PA. • Facilitate implementation and monitoring of the scheme. • Release of subsidy (interest subvention) assistance in phases aligned with working capital loan repayment schedule to FI. • Submission of Fund Utilisation Report (FUR).


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Bank/Working Capital financing institution(FI) (All Scheduled Commercial Banks / Regional Rural banks/ Cooperative banks/ Financial institutions as per RBI notification)	<ul style="list-style-type: none"> • To verify proposals of PAs received from NDDDB seeking interest subvention assistance. • To ensure release of interest subvention to the respective working loan accounts of the PAs in adherence to the loan repayment schedule. • To furnish the progress report on periodic basis to NDDDB as per Operational Guidelines. • To report non-compliant cases of PAs defaulted in repayment of working capital loan
Participating Agencies (State Dairy Federations/ Milk unions/ Milk Producer Companies/ Multi-State Cooperative Society)	<ul style="list-style-type: none"> • Submit application to NDDDB as per Operational Guidelines of the scheme. • Follow all required procedures to avail interest subvention assistance under the scheme • Share information as and when sought by DAHD/ NDDDB/FI.

5. Products covered

Four conserved commodities SMP, White Butter, WMP, Ghee are covered under the scheme.

6. Application, Appraisal and Approval process

6.1 Receipt of applications

- The eligible Participating Agency (PA) shall submit application to NDDDB in a prescribed format (**attached as Annex 1**) for availing interest subvention on the working Capital loan sanctioned by the FI.
- Applications shall be submitted within 45 days from the date of sanction of the working capital loan and should include the copy of sanction letter of Bank/FI for working capital loan/ cash credit from financial institutions.
- However, in case of loan sanctioned prior to date of launch of the scheme, un-repaid part may be calculated from 1st April 2021 for the purpose of interest subvention. The requirement of the sanction letter would be same as above.
- Following documents need to be submitted to the NDDDB along with the application form.
 - Sanction letter of the Working Capital Loan along with terms and conditions, copy of loan agreement.

6.2 Application assessment methods

- NDDDB will screen the application submitted by PA based on the eligibility criteria prescribed in the operational guideline.
- Only eligible PAs having sanctioned secured/unsecured Working capital loan will be considered for processing under the scheme.

- **Eligible interest subvention amount:** Interest subvention shall be provided maximum for 12 months in the year @ 2% per annum. Penal interest & other charges like prepayment or commitment charges, taxes or levies, if any, charged by the Bank/FI shall not be considered while calculating the eligible interest subvention amount.
- For prompt and timely repayment additional 2% interest subvention will be payable at the end of the loan repayment period.
- The working capital loan account where all of the interest payments and/or instalments of principal were paid (through customer induced payments only) within 30 days of the due date during the tenure of the loan, would be considered as an account having prompt payment.
- The additional interest subvention may be processed immediately based on certificate from the Bank that the loan has been repaid / serviced promptly by the PA during the tenure of the loan or till 31st March, of current financial year whichever is earlier.

6.3 Process for approval

- NDDDB will process the interest subvention proposals received from PAs once a month.
- NDDDB will consider the recommendations for each of the proposals and accord its approval.
- NDDDB shall intimate the commitment to provide interest subvention on the accepted rate to the FI and the PA.

7. Fund flow

The Department of Animal Husbandry and Dairying, Government of India, will release funds to the NDDDB. In turn, NDDDB will transfer fund to FI for onward release of eligible interest subvention amount to the respective working capital account of the Participating Agency.

8. Release of Interest subvention to PA

- PA has to submit its request for release of interest subvention in prescribed format to NDDDB (as per Annex 2).
- The outstanding loan will be reconciled by FI with the stock of conserved commodities available with the Participating Agency.
- NDDDB shall release the eligible interest subvention amount online to FI on back ended basis every month in the working capital loan account of PA after assessing the repayment of loans and interest servicing by PA. For this it may ask for interest certificate, relevant bank statement & stock statement of the conserved commodities.

9. Project monitoring and Coordination:


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Under Secretary
DAHD

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- Participating Agencies will submit progress report to the IA as per prescribed monitoring format **(as per Annex 2)**.
- FI will also monitor stock of commodities like, SMP, White butter, WMP, Ghee etc. with eligible PAs
- The Implementing Agency (IA) will facilitate implementation, coordination, initial screening and desk monitoring of the scheme.
- IA will submit quarterly Fund Utilisation Report (FUR) to DAHD based on monthly progress report received from the respective FI/PA and will also provide such information on the progress of the scheme.


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Under Secretary
DAHD

Application Format Central Sector Scheme - "Interest Subvention on Working Capital Loans for Dairy Industry"		
Date: - ___/___/___		
1 Participating Agency (PA) basic details		
Name of Participating Agency (PA)		
CEO/MD/GM (Name with designation):		
Address		
Contact details (Telephone no./email id)		
2 Financial Institution (FI) basic details		
Name of FI		
Branch name and address		
Name of Branch Manager		
Contact details (Telephone no./ email id)		
3 Participating Agency (PA) eligibility for availing interest subvention under the scheme		
	Criteria	Declaration
a	Loan/facility for working capital borrowing (including cash credit facility) has been sanctioned by Scheduled Commercial Banks RRBs/ Cooperative banks/financial institutions (Hereafter called FI- Financing Institution) for meeting the working capital requirement of PA during current financial year(2021-22). <i>(please mention yes or no, also mention loan sanction period)</i>	
b	PA must be regular in repayment of loans and interest servicing to FI. PA has to first repay the loan instalments/interest servicing, to avail the benefits under the scheme. <i>(whether PA is regular in repayment or not, PA to attach certified account statement)</i>	
c	Participating agency should pay back the procurement price to farmers on a regular basis, and should be able to submit proof of that as and when asked for by FI/IA/DAHD. <i>(please mention Agreed or not agreed)</i>	
d	PA is agreeable to provide monthly reports with day-wise details on opening, addition, reduction and closing balance of Conserved Commodities and such milk processing /operations reports as required by NDDDB <i>(please mention Agreed or not agreed)</i>	
4 Milk bill payment details		
Milk bill payment outstanding to societies/farmer (Rs. crore) as on <u>dd/mm/yyyy</u> .		
Last milk bill payment date (dd/mm/yyyy):		
Milk bill payment cycle (no. of days):		
5 Details of Working capital loan sanction		
Date of sanction (dd/mm/yyyy)		

Loan amount (Rs. Lakh)				
Purpose of Loan				
Details of Security offered (please mention details)				
Rate of interest charged excluding penal interest charges (% per annum)				
Period of Loan				
Date of availing Working Capital Loan				
Repayment Cycle (monthly/quarterly/Annual)				
No. of instalment repaid				
Working capital loan provided against the stock of SMP/WMP/White Butter/Ghee - Rs lakh				
Working capital loan is secured by mean of hypothication of stocks or any other means, please specify.				
6 Interest Subvention Scheme Assistance				
Loan amount considered for Interest subvention Scheme				
Period for Interest subvention required (latest upto 31st March of each financial year), whichever is earlier.				
Proposed interest subvention amount sought under the Scheme (Rs. Lakh)				
7 Details of bank account to which interest subvention amount will be credited				
Bank Account No.				
IFSC Code				
<p>It is requested to kindly consider our application under the Central Sector Scheme - "Interest Subvention on Working Capital Loans for Dairy Industry" and approve eligible interest subvention for the approved working capital loan. We shall abide by rules, terms and conditions as described in the scheme guideline and any revision thereof.</p> <p>Enclosure: 1) Working Capital Loan sanction letter along with terms and conditions and loan agreement copy.</p> <p>Declaration: We certify that the information submitted in this application is true and correct to the best of our knowledge. We further understand that any false/incorrect statements may result in denial/ revocation/refund of ineligible/total subvention amount of the interest subvention amount under the scheme and may invite punitive legal action.</p> <p style="text-align: right;">Date: Place:</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> Applied by: MD/CEO/GM Name of PA </td> <td style="width: 50%;"></td> </tr> </table>			Applied by: MD/CEO/GM Name of PA	
Applied by: MD/CEO/GM Name of PA				


DEEPAK SETHI
Under Secretary
DAHD

Request for Release of Interest Subvention Central Sector Scheme - "Interest Subvention on Working Capital Loans for Dairy Industry"		
Quarter: ___ to ___		Date: / /
1	Reference interest subvention Sanction letter no. and date	
2	Name of Participating Agency (PA)	
3	Financial Institution (FI) Branch name	
4	Milk bill payment details of PA	
	Milk bill payment outstanding to societies/farmer (Rs. crore) as on dd/mm/yyyy.	
	Last milk bill payment date (dd/mm/yyyy):	
	Milk bill payment cycle (no. of days):	
5	Monthly Conserved commodity stock statement (Rs. Lakh)	
	Stock valuation date (dd/mm/yyyy)	
	Conserved commodity	Month
	SMP	Opening stock (MT)
		Rate (Rs. per Kg)
		Value (Rs. Lakh)
	WMP	Opening stock (MT)
		Rate (Rs. per Kg)
		Value (Rs. Lakh)
	WB	Opening stock (MT)
		Rate (Rs. per Kg)
		Value (Rs. Lakh)
	Ghee	Opening stock (MT)
		Rate (Rs. per Kg)
		Value (Rs. Lakh)
	Total value (Rs. Lakh)	
6	Loan repayment details	
	Drawing power limit given to PA against stock value (Rs lakh)	
	Limit availed by PA (Rs. Lakh) - Opening	
	Withdrawal during the month (Rs lakh)	
	Interest amount due for the month	
	Repayment during month (Rs. Lakh)	Principal
		Interest (excluding penal interest & other charges)
		Total
	Interest repaid during the month	
	Loan outstanding (Rs. Lakh)-closing	
	Eligible loan outstanding amount under the scheme (Rs. lakh)	
	Eligible Interest subvention (Rs lakh)	
7	Proposed interest subvention amount sought under the Scheme (Rs. Lakh)	0.00


DEEPAK SETHI
 Under Secretary
 DAHD

It is requested to kindly release the eligible interest subvention amount for the month (_____ to _____) under the Central Sector Scheme - "Interest Subvention on Working Capital Loans for Dairy Industry". It is certified that the repayment of interest due till the month has already been done.

Declaration:

We certify that the information submitted in this application is true and correct to the best of my knowledge. We further understand that any false/incorrect statements may result in denial/ revocation/refund of ineligible amount of the interest subvention amount under the scheme and may invite punitive legal action.

Applied by: MD/CEO/G M Name of PA	Recommended by: Branch Manager Bank Name & address
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DEEPAK SETHI
Under Secretary
DAHD

R-99014/30/2021 - NLM-DADF
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan, New Delhi.
Dated 02nd June, 2021,

To,

Pay and Account Officer (Sect.I),
Ministry of Fisheries, Animal Husbandry & Dairying,
Department of Animal Husbandry & Dairying,
Krishi Bhawan, Room No.35,
New Delhi-110001.

Subject: Administrative Approval for implementation of Central sector Scheme for establishment of "Animal Husbandry Infrastructure Development Fund (AHIDF) during 2021-22

Sir,

I am directed to refer to the subject cited above and to say that the Prime Minister's AtmaNirbhar Bharat Abhiyan stimulus package mentioned about setting up of Rs.15000 crore Animal Husbandry Infrastructure Development Fund (AHIDF). With the Cabinet's approval on 24.06.2020, Animal Husbandry Infrastructure Development Fund (AHIDF) worth Rs. 15000/- cr was established and implemented from 2020-21 out of which Rs. 13500/- cr. will be the loan to be disbursed by the scheduled bank and Rs.1500/- cr. will be the end borrowers contribution. Rs. 1623.78 Crore will be provided as interest subvention over a period of 10 years for repayment of loan (from 2020-21 to 2030-31 which may spill over to the first quarter of 2031-32). Rs 750 cr. will be credit guarantee to be managed by NABARD for which Rs. 75/- cr. will be provided by the DAHD to NABARD for 10 years.

2. The Animal Husbandry Infrastructure Development (AHIDF) has been approved for incentivizing investments by individual entrepreneurs, private companies, Farmers Producers Organizations (FPOs) and Section 8 companies to establish (i) the dairy processing and product diversification infrastructure, (ii) meat processing and product diversification infrastructure and (iii) Animal Feed Plant (iv) Breed improvement technology and Breed multiplication farms.

The objectives of AHIDF are as under:

- To help increasing of milk and meat processing capacity and product diversification thereby providing greater access for unorganized rural milk and meat producers to organized milk and meat market
- To make available increased price realization for the producer
- To make available quality milk and meat products for the domestic consumer
- To fulfill the objective of protein enriched quality food requirement of the growing population of the country and prevent malnutrition in one of the highest malnourished children population in the world
- Develop entrepreneurship and generate employment
- To promote exports and increase the export contribution in the milk and meat sector.

- To make available quality concentrated animals feed to the cattle, buffalo, sheep, goat, pig and poultry to provide balanced ration at affordable prices.

3. Components of the AHIDF

The detailed components of eligible activities have been elaborated in the scheme guidelines. The broad investment activities eligible under AHIDF are:

- a) Dairy processing and value added infrastructure
- b) Meat processing and value added infrastructure
- c) Establishment of animal feed plants
- d) Breed improvement technology and Breed multiplication farms

4. Eligible Entities (EEs)

- Farmer Producer Organization(FPO)
- Private companies
- Individuals
- Individual entrepreneurs
- Section 8 companies
- Micro Small and Medium Enterprises

5. Source of Fund

The scheduled bank listed in the Reserve Bank of India will extend loan up to 90% to the Eligible Entities for the establishment of dairy processing, meat processing and value addition infrastructure, establishment of animal feed plant and also for Breed improvement technology and Breed multiplication farms. The funding will be made by these banks from their own resources. The Eligible entities will arrange for Margin Money as prescribed in the scheme guidelines. The DAHD will provide 3% interest subvention to the Bank upfront in the first year and subsequently on demand by the bank for each of the beneficiaries on each year on the outstanding amount. The DAHD will also provide credit guarantee for those beneficiaries falling under the MSME definition covering 25% of the credit. Credit Guarantee trust fund has been established. The credit guarantee fund trust for AHIDF has been established. The Credit Guarantee Fund trust will be managed by NABARD for which detailed guidelines and features will be issued. The credit guarantee will be provided @ Rs. 75/cr. each year for 10 years.

6. Interest rate of loans by the Scheduled Banks to the Eligible Entities

The Scheduled Bank will extend loan at 200 basis points plus External Bench Mark Based Lending Rate (EBLR) for the Eligible Entities falling under the definition of MSME. However, for others the interest rate would be as per the existing Bank's Interest rate.

7. Budget for interest subvention, Credit Guarantee and Administrative Expenditure:

DAHD shall provide budgetary support annually towards interest subvention, hiring of Project Monitoring Agency, awareness generation, creation of portal, MIS system. During year 2021-2022, Rs. 125.00 crore is the budget allocation for AHIDF for financial year 2021-2022.

8. The DAHD shall also incur expenditure towards administrative expenditure including hiring of Project Management Unit, awareness creation, publicity of the scheme, creation of the portal, MIS development etc.

9. During year 2021-22, Rs. 12500.00 Lakhs is the budget allocation to the Department of Animal Husbandry and Dairying for Animal Husbandry Infrastructure Development Fund. The head wise break up of funds of AHIDF is as follows:

Animal Husbandry Infrastructure Development Fund (AHIDF)

Sl.No	Head	BE 2021-22 (Rs. lakhs)
1	Grants-in-aid General	10000.00
2	Office Expenses	150.00
3	Professional Services	200.00
4	Subsidy	2000.00
5	Advertisement and Publicity	150.00
	TOTAL	12500.00

10. This Administrative Approval is issued vide E-office No.19327/JS(OPC) dated 28.05.2021.

Yours sincerely,

Narender Kumar

(Narender Kumar)

Under Secretary to the Government of India

Distribution:

- 1) The Principal Accounts Officer, Ministry of Agriculture & Farmers Welfare, Department of Animal Husbandry, Dairying & Fisheries, 16, Akbar Road Hutments, New Delhi-110011 through PS to CCA, Room No.242, D Wing, Krishi Bhavan, New Delhi.
- 2) The Accountant General, Commerce, Works and Miscellaneous, AGCR Building, Near ITO, New Delhi-110002
- 3) Chief Controller of Accounts, Department of Agriculture and Farmers Welfare, Krishi Bhawan, New Delhi
- 4) Advisor, Niti Aayog, New Delhi
- 5) Special Secretary and Financial Advisory, Department of Animal Husbandry and Dairying, Kishi Bhawan, New Delhi
- 6) Joint Secretary (PF-II), Ministry of Finance, Department of Expenditure, North Block, New Delhi
- 7) Joint Secretary, Ministry of Finance, Department of Economic Affairs, Banking Operation and Administration Division, Room No. 6, 3rd Floor, Jeevan Deep Building, parliament Street, New Delhi
- 8) Joint Secretary, Ministry of Finance, Department of Financial Services, Banking Operation and Administration Division, Room No. 6, 3rd Floor, Jeevan Deep Building, parliament Street, New Delhi.
- 9) Chief General Manager, Department of Refinance, NABARD, C-24, 'G' Block, Bandra-Kurla Complex, Bandra (East), Mumbai - 400 051.

R-99014/38/2020-NLM-DADF
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan, New Delhi
Dated, 21st May, 2021

ORDER

Subject: Amendment in the Implementation Guidelines of Animal Husbandry Infrastructure Development Fund.

This is regarding the implementation guidelines which was published on 15.07.2021. In the Project Sanctioning Committee under the Chairmanship of Secretary Animal Husbandry and Dairying was held on 24.03.2021. The Project Sanctioning Committee has reviewed the implementation guidelines and approved the following additional activities to be eligible under Animal Husbandry Infrastructure Development Fund (AHIDF).

2. Therefore, the following activities shall be included in the Para 6 after sub-paragraph 6.4 as new sub-paragraph 6.5

6.5. Breed improvement Technology and Breed Multiplication farm: Under this category, the following activities will be covered for taking benefit under AHIDF

(i) Establishment of IVF Centre - For rapid genetic upgradation: (i) getting assured pregnancy in the low producing recipients maintained by farmers; (ii) supply of high yielding heifers/ cow (iii) bulls for semen production. The funding may be made available under AHIDF for:

- Civil works Laboratory / recipients shed/Donor Shed and other civil works including cattle chute, biogas plant
- laboratory equipments / farms equipment/ other items and furnishing of IVF lab
- Cost for purchase of donor animals/ recipients / transportation and insurance
- Training of professionals in IVF technology
- Establishment of infrastructure for transfer of bovine embryos at farmers doorstep
- Fully equipped Mobile IVF lab/ other mean of mobility of IVF technicians
- Storage facility for gas and liquid nitrogen
- Research and development activities- embryo sexing, embryo splitting, cloning etc

Continued at page 2


2. Sex Sorted Semen: Funding may be made available under AHIDF for:

- Civil works for laboratory/Bull Shed/boundary wall/biosecurity fencing/ other civil works including biogas plant
- laboratory equipments/ farms equipments including cryo containers/ LN storage infrastructure/ agricultural implements/ other required equipments
- Purchase of Bulls/ and other requirement.
- Research and development activities- development of sex sorting machines
- manufacturing of sex sorted machines and various consumable
- Training of manpower

Creating infrastructure for artificial insemination with sex sorted semen.
Minimum Criteria must be production of 5 lakh sex sorted semen doses in a year.

3. Breed Multiplication farm – Funding under AHIDF will be provided for the

- Civil Works - cattle shed/ feed and fodder go-downs/ internal roads/ boundary wall/ biosecurity fencing/ training centre/ other civil works including biogas plant
- Farms equipments- tractors/ bailers/ silage making machine/ chaff cutter/ other agricultural equipments
- Purchase of breeding animals along with transportation & insurance cost.
- sex sorted semen/ embryos/setting up of IVF lab
- Milk storage/ testing/processing equipments
- Training of manpower
- Feeding cost of the animals for 1st year of the project
- Research and development for breeding activities- bovine monitoring system, AI guns, ET guns, software development etc.



(Dr. O.P. Chaudhary)

Joint Secretary to the Government of India

Distribution:

1. To all the Scheduled Banks
2. National Dairy Development Board
3. All the Cooperative Societies/ Milk Federations
5. All the State Animal Husbandry Departments/ UTs
6. Department of Financial Services, Ministry of Finance
7. Department of Expenditure, Ministry of Finance
8. NIC of DADF for uploading in the Department's website
9. SIDBI for uploading in the AHIDF website.

CC to

1. PS to Hon'ble Minister FAHD
2. PS to Hon'ble MOS, FAH3

R-99014/38/2020-NLM-DADF
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry and Dairying

Krishi Bhawan, New Delhi
Dated, 15th November, 2021

OFFICE ORDER

Subject: Second amendment in the Implementation Guidelines of Animal Husbandry Infrastructure Development Fund.

In pursuance of the decisions taken in the third meeting of Project Sanctioning Committee constituted under Animal Husbandry Infrastructure Development Fund (AHIDF) held on 30.09.2021, under the Chairmanship of Secretary, AHD, the following amendment have been carried out in the existing implementation guidelines issued on 16.07.2020 for implementation of AHIDF:

2. The following new activities shall be included in the Para 4 after sub-paragraph 4.1.1 as new sub-paragraph 4.1.2 and sub para 4.2

4.1.2 Eligible proposals, which have been sanctioned by the banks, however, the entities could not submit the proposal on the portal shall be allowed to avail benefits under AHIDF, which have received sanction for term loan by the banks/ lending institutions before or after the date of notification of scheme guidelines, provided project has not commercially operationalized prior to the date of notification of scheme. However, the calculation of interest subvention shall be on interest amount accrued post the date of notification of scheme i.e. 24.06.2020 or loan sanction date whichever is later.

4.2 Anchor Model of financing

Anchor model will assist individual entrepreneur, FPO, Section 8 company or MSME in setting up of units as ancillary unit for its primary unit. The anchor unit will also help eligible entities in DPR preparation and submission of application on the portal. Further, private sector participation through an anchor will reduce turn- around time (TAT) of loan sanctioning, improve the loan sanction rate and reduce collateral requirement as established private sector would ensure procurement of raw material or finished products from the eligible entity and would act as guarantor for bank loans.

3. Also, the following activities shall be included in the Para 6 after sub-paragraph 6.2.7, 6.4.6 and 6.5 as new sub-paragraph 6.4.7, 6.5.2, 6.5.3 and 6.5.4.

6.4.7 Manufacturing of feed supplements, feed premixes, and mineral mixtures plants in the category of Animal feed.

6.5.1 Breed improvement Technology and Breed Multiplication farm for cattle and buffalo

6.5.2 Breed improvement Technology and Breed Multiplication farm for sheep & goat

6.5.3 Breed improvement Technology and Breed Multiplication farm for pig

6.5.4. Technologically assisted (modern technology based integrated/ advanced poultry farms) poultry farm including purchase of Parent and Grand Parent stock

6.2.8 Manufacturing of any equipment and machinery required for dairy processing & value addition including the manufacturers for quality testing, adulterants and contaminants.

4. National Cooperative Development Corporation (NCDC) has also been included a lending institution under AHIDF in addition to scheduled bank. The inclusion of NCDC may be read in the Para 7 under sub para 7.1.

5. The following changes have also been included in the Para 12 after sub-para 12.9 as new sub-paragraph 12.10 and 12.11.

12.10. DAHD will have authority for recall of interest subvention along with interest (10% per annum) within 30 days after a notice is issued under any of the following circumstances:

- a) If project is not completed within approved project period including extension if any.
- b) If the assisted project stops its commercial operations within seven (7) years from the date of commencement of commercial production of the project.
- c) If, during such period, it comes to the notice of the Department that interest subvention has been availed by manipulating / concealment of information / facts or that the interest subvention has been utilized for purposes other than those for which it was sanctioned.
- d) In case beneficiary rescind/ expire/ abandon the project.

12.11 For recalling the interest subvention with regard to any project sanctioned under AHIDF, the following process need to be adopted:

- a) Banks/lending institutions shall regularly provide physical and financial periodical progress reports of projects for which interest subvention has been released.
- b) In case, there is concern with regard to progress of the project, the Department shall not disburse any further subvention and may instruct bank to reverse interest subventions made till date

c) The banks/lending institutions can charge back to the beneficiary or recover as per its internal policies in case of Non-Performing Asset.

6. In addition to above modifications, the following inclusion after the Para 12 as new Paragraph 13 may be made:

Dovetailing of Assistance

Considering the complexities and challenges associated with agricultural infrastructure projects of this nature, the EEs may dovetail assistance available under various other schemes of Central and State Governments. While dovetailing such assistance, it will be ensured that there is no duplication of assistance for the same component/activity of the project i.e. eligible entity can not avail benefit of interest subvention under any scheme of Central/ State Government.

7. The PSC approved the proposal for induction of following members in Project Approval Committee (PAC):

- I. Representative from the Credit Guarantee Fund Trust for Animal Husbandry & Dairying.
- II. Representative from the SIDBI

8. Also, the following changes have been included in the Para 21 after sub para 21.3 as new sub-paragraph 21.4

21.4 In addition to existing provisions, News-paper, magazine, radio, TV advertisements, multimedia campaigning, social media advertisement (pamphlets/ leaflets/ flyers/ brochures/ standees/ banners) may be followed as a part of outreach activity and to conduct such activities, DAHD will bear the expenditure.

9. Further, the following para may be included after para 21 as a new para 22.


22. NDDB, Industry Associations and lending institution can be entrusted with responsibility of identifying professional agencies to provide handholding support for DPR preparation and AHIDF application process. The NDDB, industry associations and banks will adopt transparent mechanism to empanel the handholding agencies and determine professional fee for DPR preparation and application process for beneficiaries. The Department shall transfer the professional fee to the NDDB, industry associations and lending institutions which, in turn, shall make payment to the empaneled professional agencies.

10. Further, the following inclusion may also be made after para 22 as a new para 23.

23. Dispute resolution and Jurisdiction of Court

In case of dispute arising out of selection of proposals and implementation of approved project under this AHIDF scheme guidelines except in case of "Force Majeure" and decided to incorporate in the guidelines as under.

- I. The decision of the Department in all matters relating to eligibility, acceptance or rejection of the applications, mode of selection, interest subvention approved and imposition of penalty shall be final and binding on the applicant.
- II. Any dispute arising out of any conditions stipulated in the guidelines, selection of proposals and implementation of approved project under this scheme will be subject to Courts/ Tribunals having jurisdiction over Delhi.


(Dr. O.P. Chaudhary) 15.11.21
Joint Secretary (NLM)

To,

1. To all the Scheduled Banks
2. National Dairy Development Board/ all Financial Institutes
3. All the Cooperative Societies/ Milk Federations
4. All the State Animal Husbandry Departments/ UTs
5. Department of Financial Services, Ministry of Finance
6. Department of Expenditure, Ministry of Finance
7. NIC of DADF for uploading in the Department's website
8. SIDBI for uploading in the AHIDF website.
9. National Cooperative Development Corporation.

CC to

1. PS to Hon'ble Minister FAHD
2. PS to Hon'ble MOS, FAH
3. Senior PPS to Secretary, DAHD, Krishi Bhawan, New Delhi
4. PPS to Animal Husbandry Commissioner, DAHD, Krishi Bhawan, New Delhi
5. PPS to JS (C&DD), DAHD, Krishi Bhawan, New Delhi



IMPLEMENTATION GUIDELINES FOR ANIMAL HUSBANDRY INFRASTRUCTURE DEVELOPMENT FUND (AHIDF)

**Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry & Dairying**

IMPLEMENTATION GUIDELINES

FOR

ANIMAL HUSBANDRY INFRASTRUCTURE DEVELOPMENT FUND (AHIDF)



Government of India

Ministry of Fisheries, Animal Husbandry and Dairying

Department of Animal husbandry and Dairying

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BIBLIOGRAPHY

Short form	Full form
AHIDF	Animal Husbandry Infrastructure Development Fund
NABARD	National Bank for Agriculture and Rural Development
EE	Eligible Entities
MSME	Micro Small Medium Enterprises
DPR	Detailed Project Report
PSC	Project Sanctioning Committee
PAC	Project Approval Committee
NLM	National Livestock Mission
CGM	Chief General Manager
PMA	Project Management Agency
CLFMA	Compound Livestock Feed Manufacturers' Association
IDF	Indian Dairy Federation
AILMEA	All India Livestock and Meat Exporters Association
CII	Confederation of Indian Industries
FICCI	Federation of Indian Chambers of Commerce and Industries
ASSOCHAM	Associated Chambers of Commerce and Industry of India
ETP	Effluent Treatment Plant
COE	Consent to Establish
CO	Consent to Operate
EPF	Employees' Provident Fund

GUIDELINES FOR ANIMAL HUSBANDRY INFRASTRUCTURE DEVELOPMENT FUND

BACKGROUND:

The recently announced Prime Minister's AtmaNirbhar Bharat Abhiyan stimulus package mentioned about setting up of Rs. 15000 crore Animal Husbandry Infrastructure Development Fund (AHIDF). The Animal Husbandry Infrastructure Development (AHIDF) has been approved for incentivizing investments by individual entrepreneurs, private companies, MSME, Farmers Producers Organizations (FPOs) and Section 8 companies to establish (i) the dairy processing and value addition infrastructure, (ii) meat processing and value addition infrastructure and (iii) Animal Feed Plant.

2. AREA OF OPERATION

The Animal Husbandry Infrastructure Development Fund (AHIDF) as detailed in the forthcoming paragraphs will be implemented in all States and Union Territories.

3. OBJECTIVES

- a) To help increasing of milk and meat processing capacity and product diversification thereby providing greater access for unorganized rural milk and meat producers to organized milk and meat market
- b) To make available increased price realization for the producer
- c) To make available quality milk and meat products for the domestic consumer
- d) To fulfill the objective of protein enriched quality food requirement of the growing population of the country and prevent malnutrition in one of the highest malnourished children population in the world
- e) Develop entrepreneurship and generate employment
- f) To promote exports and increase the export contribution in the milk and meat sector.
- g) To make available quality concentrated animals feed to the cattle, buffalo, sheep, goat, pig and poultry to provide balanced ration at affordable prices.

4. ELIGIBLE ENTITIES (EEs) FOR SUPPORT UNDER AHIDF

- a) Farmer Producer Organization(FPO)
- b) Private companies
- c) Individual entrepreneurs
- d) Section 8 companies
- e) Micro Small and Medium Enterprises

5. IMPLEMENTING AGENCY

Animal Husbandry Infrastructure Fund will be implemented by the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying.

6. ACTIVITIES ELIGIBLE FOR AVAILING BENEFITS UNDER AHIDF:

6.1. Dairy Processing: under the Dairy Processing infrastructure the EE can avail benefit for establishment of the following:

6.1.1. Establishment of new units and Strengthening of existing dairy Processing Units with quality and hygienic milk processing facilities, packaging facilities or any other activities related to dairy processing.

6.2. Value added dairy product manufacturing:

The EE can also avail loan for establishment of new units and strengthening of existing manufacturing units for value addition of the following milk products:

6.2.1 Ice Cream unit

6.2.2. Cheese manufacturing unit

6.2.3. Ultra High Temperature (UHT) Milk processing unit with tetra packaging facilities

6.2.4. Flavoured Milk manufacturing unit

6.2.5. Milk Powder manufacturing unit

6.2.6. Whey powder manufacturing unit

6.2.7. Any other milk products and value addition manufacturing unit.

6.3 Meat processing and Value addition of facilities:

6.3.1. Establishment of new meat processing unit and strengthening of existing meat processing facilities for sheep/goat/ poultry/pig/buffalo in rural, semi-urban and urban areas.

6.3.2. Large scale integrated meat processing facilities/ plant/ unit.

6.3.3. **Value Added Products:** Establishment of new or strengthening of existing value addition facilities for meat products like Sausage, nuggets, ham, salami, bacon or any other meat products. These facilities could either be integral part of meat processing units or Standalone meat value addition unit.

6.3.4. The project cost of each meat processing plant should compulsorily include Effluent Treatment Plant (ETP), Meat Microbiological Testing Laboratory, Residue Testing laboratory, Cold storage for holding the offals, skin/ hide processing areas and their preservation and refrigeration facilities for holding the chilled products and value added products for minimum of 24 hours.

6.4. EE can also avail benefit for establishment of Animal Feed manufacturing and strengthening of existing units/ plant of the following categories:

6.4.1. Establishment of Mini, Medium and Large Animal Feed Plant

6.4.2. Total Mixed Ration Block Making Unit

6.4.3. By pass protein unit

6.4.4. Mineral Mixture Plant

6.4.5. Enrich Silage making unit

6.4.6. Animal Feed Testing Laboratory to be attached with the Medium to Large feed plant or the EE can avail benefit for establishment of Animal Feed Testing Laboratory in the existing Feed Plant to ensure quality feed.

7. QUANTUM OF LOAN AND MARGIN MONEY /BENEFICIARY CONTRIBUTION:

7.1. The project under the AHIDF shall be eligible for loan up to 90% of the estimated/ actual project cost from the Scheduled Bank based on submission of viable projects by eligible beneficiaries. The beneficiary contribution in case of Micro and Small units as per MSME defined ceiling could be 10% while in case of Medium Enterprises as per defined MSME ceiling, beneficiary contribution could go up to 15%. The beneficiary contribution in other categories of enterprises could go up to 25%.

7.2. Cost escalation of the approved project, if any occurred during the course of project implementation on account of genuine reasons like natural calamity, technical compulsions, change in the SoRs and any other unavoidable circumstances shall be

considered for enhancement of loan amount, within the reasonable time and note more than two years from the date of approval of the particular project.

7.3. Interest subvention will not be allowed for the loan sanctioned for procurement of land, working capital, old machineries and vehicle for personal use.

8. INTEREST SUBVENTION AND LENDING RATE OF INTEREST

8.1. Interest subvention: 3% for all Eligible Entities.

8.2. Lending Rate of Interest: The rate of interest to be fixed by scheduled banks should not exceed at 200 basis points plus External Bench Mark Based Lending Rate (EBLR) for the Eligible Entities whose project cost are falling within MSME defined ceilings. However, rate of interest to be fixed by scheduled banks for other project could be based on commercial interest rate of Banks.

8.3. The Department of Animal Husbandry and Dairying will directly pay the interest subvention to the Scheduled Bank. Initially the Department will pay interest subvention amount in advance upfront to the lending bank for the first year based on the request of Scheduled Bank. Interest subvention from the 2nd year onwards would be released based on the non- NPA borrowers entitlement claimed by the Scheduled Banks every year in advance.

8.4. The Eligible Entities will not be able to get the interest subvention, if the EE is defaulter of re-payment of loan amount in any given year.

9. CREDIT GURANTEE FUND

9.1 A Credit Guarantee fund of Rs. 750 cr. (Rupees Seven Hundred and Fifty Crore) will be established. The Fund will be managed by NABARD.

9.1.1. Department of Animal Husbandry and Dairying will pay Rs. 75 crore per year over 10 years towards Credit Guarantee at the beginning of each Financial Year.

9.1.2. The credit guarantee will be provided only for those projects which are viable and are covered under MSME defined ceilings and the guarantee coverage would be up to 25% of the credit facility available to the borrower.

9.1.3. The Credit Guarantee will not be provided to other beneficiaries who are not covered under MSME norms, however, those EEs will be eligible to get interest subvention.

9.1.4. The detailed guidelines along with the features of the Credit Guarantee Fund managed by NABARD will be issued separately.

10. FUNDING MECHANISM

10.1 The entire amount of AHIDF of Rs. 15000 cr. will be disbursed by the Scheduled Bank starting from 2020-21

10.2 The Scheduled bank may utilize their available financial resources to lend the Eligible Entities.

11. LOAN DISBURSEMENT

11.1. The entire amount of AHIDF of Rs. 15000 crore will be disbursed by the scheduled banks within a period of 3 years starting from 2020-21

12. REPAYMENT:

12.1 Maximum repayment Period: 8 years inclusive of moratorium of 2 years on principal amount.

12.2. The Scheduled Bank shall ensure that maximum re-payment period should not exceed 10 years from the date of first disbursement inclusive of moratorium of 2 years on repayment of principal.

12.3 However, the Financing Bank, at their discretion, may curtail the repayment period depending on the project magnitude, size of the financial investment, repayment capacity of the project proponents (EEs) etc.

12.4 Further, subject to the provisions of AHIDF, the operational and credit related decisions like process of repayment, penal interest, security and extent of finance will be decided by the Scheduled Bank.

12.5 Subject to provisions of AHIDF, Scheduled Bank will fix the lending rates in consonance with broad regulatory guidelines of RBI taking into account their cost of funds and the risk perception of the loan.

12.6 Subject to provisions of AHIDF, the Scheduled Bank may consider providing additional loan against justified escalations of the approved projects.

12.7. A project will be non-starter, if no drawls are made within six months from the date of sanction by the Scheduled Bank. Further, the Sanction would lapse if the EE, fails to ground the project within a period of 12 months, from the date of sanction by the Scheduled Bank. This is a broad guidelines, however, the lending bank may take final decision on case to case basis.

12.8. The lending bank may consider withdrawal of projects by EEs on account of genuine constraints and difficulties as per the Bank's terms of reference in this regard.

12.9. The Scheduled Bank may consider stopping further disbursements of loans and advances sanctioned for the project, until such amount in default are paid in full by EEs. In such cases, neither the lending agency nor Department of Animal Husbandry and Dairying, Gol, shall be liable for any loss, damage or expenses that may be caused in the completion of aforementioned projects.

13. AVAILABILITY OF LAND AND STATUTORY CLEARENCES

13.1 Loan under AHIDF shall not be provided for acquisition of land in any manner such as purchase, transfer, lease, accession/addition etc. required for implementation of the identified project activities.

13.2. The Eligible Entity are required to acquire necessary land (in case of non-availability of land with them) at their own cost and complete all processes associated with land acquisition, before submission of the proposal for finance under AHIDF.

13.3. The projects having land on long term lease (minimum 30 years) may also be considered for financing under AHIDF. However, the lease period/ agreement should be of sufficient duration to secure the loan. In case of lease requisite No Objection Certificate from the competent authority for mortgage to Bank may be obtained.

13.4. The EE may not be allowed to terminate the lease agreement intermediately (earlier than the agreed lease period) and sell out the land as well as facilities created with the loan availed under the AHIDF. However, in case of compulsion

to do so in unavoidable circumstances whatsoever then EE shall obtain permission from the concerned Bank after return of the entire loan availed till that time, with applicable interest and prepayment penalty, if any, to the Scheduled Bank, in a single instalment.

13.5. Confirmation with necessary documentary evidence on availability of land and statutory clearances (wherever necessary) shall be clearly indicated in the Detailed Project Report/Self Contained Proposal. A list of clearances which could be required mandatorily is attached at **Annexure I**.

13.6 The EEs shall provide documentary evidence/certificate of availability of requisite land free from all encroachment and encumbrances.

14. OBTAINING STATUTORY CLEARANCES REQUIRED FOR THE PROJECT

14.1. The EEs are required to obtain necessary clearances, permits and licenses whatsoever and wherever required for implementation of the intended project under the AHIDF. The requisite expenditure, if any involved for obtaining statutory clearances shall be met by the applicants/ beneficiaries.

14.2. For obtaining Statutory clearances, the beneficiary may have to approach various Department/ Organizations in the State Government. This may create unnecessary hurdle to the beneficiary. Therefore, the State Animal Husbandry Department shall establish the single window for facilitating the necessary statutory clearances for the project and handhold the EEs to submit the project to the Bank and the Department of Animal Husbandry & Dairying, Ministry of Fisheries, Animal Husbandry and Dairying. An indicative list of statutory clearances required is at **Annexure I**.

15. FORMULATION OF DETAILED PROJECT REPORT (DPR)

15.1. The EEs shall prepare the detailed Viable Project Report seeking loan under the AHIDF along with self-contained proposal.

15.2. Every project report must include the proposal for establishment of quality management unit for milk, meat and animal feed, packaging unit and also the product promotion.

15.3. The project report should also include the future market generation, employment opportunity, procurement of raw materials and any other information related to project.

15.4. The Detailed projects especially for infrastructure related to dairy processing, meat processing and value addition and establishment of Animal Feed Plant should be prepared based on:

- (i). Identification of suitable site
- (ii). Necessary engineering and socio-economic investigations and surveys,
- (iii). Planning and designing of the facilities and
- (iv). Model studies wherever required.

15.5. The EEs may also approach concerned State Animal Husbandry Department, State Government or Central Government Corporations, Consultancy Services seeking technical assistance for preparation of project documents. The EE, if required, also consult the list of Handholding agencies available in the Udyami Mitra Portal of Sidbi.

15.6. The State Animal Husbandry Department to handhold such EEs to prepare the projects when requested by them including facilitating the necessary clearances through Single Window System.

16. SUBMISSION OF THE PROJECT PROPOSAL

16.1. The EE will submit the proposal with complete DPR through “Udyami Mitra” Portal developed by Small Industries Development Bank of India (Sidbi).

16.2. The Schedule Bank after due appraisal and sanction of the project subject to approval of interest subvention under AHIDF by Department of Animal Husbandry and Dairying will forward the application/ project to the Department of Animal Husbandry and Dairying for approval of interest subvention through online mechanism.

16.3. Application for seeking interest subvention to be submitted as per the Form attached at **Annexure II**.

17. PROJECT EVALUATION AND SANCTION

17.1. The Project Management Agency set up in the Department of Animal Husbandry and Dairying shall scrutinize the application, evaluate, and appraise the proposal sanctioned by the Scheduled Banks for approval of interest subvention under AHIDF by Project Approval Committee.

17.2. The Project Approval Committee will meet regularly and consider the proposals placed before it and accord approval to projects costing up to Rs. 50 cr. for grant of interest subvention.

17.3. The Project Approval Committee shall recommend the project above Rs. 50 cr. to the Project Sanctioning Committee(PSC) after screening and evaluation of the projects.

17.4. The Bank shall send a copy of loan sanction to Project Sanctioning Committee/ Project Approval Committee prior to such projects being considered for interest subvention under AHIDF.

17.5. The Project Approval Committee/ Project Sanctioning Committee will also recommend for Credit Guarantee on each project falling within the definition of MSME once the loan is sanctioned by the Bank.

17.6. All the projects will be assessed by the Committee based on the Eligibility criteria of the EEs, Eligible Activities proposed, Bank's approval, geographical preferences, MSME certification, sectorial preferences, demand and economic viability.

18. IMPLEMENTATION MECHANISM

18.1. Following Committees have been constituted by the Department of Animal Husbandry and Dairying, Ministry of Fisheries, Animal Husbandry and Dairying for implementation of AHIDF.

18.2. Project Sanctioning Committee (PSC)

18.2.1. Composition:

- (i) Secretary, Department of Animal Husbandry & Dairying, GOI- Chairperson
- (ii) Representative of NABARD, not less than the rank of CGM
- (iii) Financial Advisor of Department of Animal Husbandry & Dairying, GOI

- (iv) Representative of Department of Financial Services, not less than Joint Secretary level
- (v) Representative of Ministry of Food Processing, not less than Joint Secretary level
- (vi) Joint Secretary (Cattle & Dairy Development), Department of Animal Husbandry & Dairying
- (vii) Secretary of the concerned State
- (viii) Representative of participating Banks not less than Deputy Managing Director/ CGM
- (ix) Joint Secretary (NLM)- Member Convener

18.1.2. Terms of References (ToRs) of PSC would be as follows:

- (a) To take decision on approval/amendment of AHIDF guidelines,
- (b) To take decision on addition and deletion of activities, approve annual action plans and fund drawl plans etc.
- (c) To approve projects for interest subvention based on recommendation of Project Approval Committee
- (d) To delegate powers that may be necessary for smooth implementation of the project.
- (e) To modify physical and financial targets of individual activities and also unit cost correction.
- (f) To co-opt external experts from the field of Animal Husbandry as members of the PSC.
- (g) To hold its meeting as and when needed

18.3. Project Approval Committee (PAC):

18.3.1. Composition

- (i). Joint Secretary (National livestock Mission)- Chairman
- (ii). Representative from NABARD
- (iii). Representative from Financial Advisor, DAHD
- (iv). Representative of Department of Financial Services
- (v). Representative from Ministry of Food Processing Industries
- (vi). Representative from the Concerned Bank

- (vii). Representative from the Dairy Division
- (viii).. Representative from the Concerned State (not below the rank of Director)
- (ix). Joint Commissioner/ Deputy Commissioner/ Director of NLM Division-convener.

18.3.2. Terms and References (ToRs)

- (i) The Project Approval Committee will prepare the Scheme guidelines and submit the same to the Project Sanctioning Committee for approval
- (ii) The project approval Committee will approve project up to Rs. 50.00 cr. for interest subvention.
- (iii) The project above Rs. 50 cr. for interest subvention will be approved by the Project Sanctioning Committee after recommendation of the project approval committee.
- (iv).The meeting of the Committee will be held in every month or even before one month depending on the proposal.

19. PROJECT MONITORING UNIT

19.1 The Department of Animal Husbandry and Dairying will outsource Project Management Agency (PMA).

19.2. The terms of Reference of the PMA will be as under:

- (i) The PMA will arrange all logistic support including manpower at the Head Quarter to undertake all Desk and Field monitoring, and identifying critical issues and bottlenecks such as non-starter projects, slow progressing projects, geographical and sectorial preferences, compilation of project-wise progress report, outcomes etc. The design for monitoring mechanism will be approved by the PSC.
- (ii). PMA will also undertake work for monitoring the Udyami Mitra Portal regarding application received, processed and pending with the banks and in DAHD, Development of Dash Board for MIS system, follow up with the States for getting project proposal, hand holding the beneficiaries on the queries on the

AHIDF, scouting the proposals, interaction with the banks. PMA will also evaluate the projects and place before the PAC/PSC for approval.

(iii). PMA will also assist in all the matters relating to monitoring and evaluation of the projects and preparation of report, before PAC& PSC.

19.3. PSC, PAC and PMA together will carry out the work of Project Monitoring in the following manner:

(i) The Project Sanctioning Committee in the Department of Animal Husbandry and Dairying will review and monitor the projects approved under AHIDF. The monitoring meetings of PSC shall be held on quarterly basis to review the progress of the project taken up under the AHIDF.

(ii) The PMA will collect information on the progress of the project(s) from EEs, Banks on a quarterly basis including physical and financial achievements and place before the PSC.

(iii) PSC will carry out project-wise midterm corrections, if any required due to technical and administrative compulsions faced by any project at the time of implementation. The Mid-term corrections shall include increase/decrease of the project scope, re-arrangement of the project components, re-appropriation of funds from one item to other item within the overall approved project cost.

(vi).The project will be considered non-starter when the EE fail to get their loan disbursed from the Bank.

20. AWARENESS GENERATION

20.1. There are various stake holders who can avail benefit of the scheme. These stake holders need to be aware of the scheme adequately so that they can access the fund. Therefore, the Central Government will use Electronic, Print and Social Media to create public awareness.

20.2. The Stake Holders' like Indian Dairy Federation (IDF), Compound Livestock Feed Manufacturers' Associations (CLFMA), All India Livestock and Meat Exporters' Association, State Government's Livestock Corporation, CII, FICCI, ASSOCHAM and others will be involved in awareness creation.

20.3. The State Government will also create ground level awareness through conferences, seminar, and workshops, business meet, through electronic, print and social media. The funding support will be provided to States and other agencies to create such awareness.

Indicative List of Statutory Clearances

Sl. No.	Name of Statute
01	Local Authority Clearances as per the State Requirements
02	No objection from the Land Authority on the lease hold or ownership of the land.
03	Consent to Establish (COE) and Consent to Operate (CO) from the State Pollution Control Board
04	Trade Licenses
05	Food Safety and Standard Authority of India
07	Water and Air Acts
07	State Electricity Board
08	MSME Registration (only for MSME companies)
09	Registration under Companies Act (only for companies)
10	Registration under Labour Act/ EPF Act.
11	Any other Statutory clearances required from the respective state to establish dairy, meat processing and animal feed plant.



Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

ONLINE APPLICATION FORM
SEEKING INTEREST SUBVENTION UNDER ANIMAL HUSBANDRY
INFRASTRUCTURE DEVELOPMENT FUND

		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">PHOTO</div> <div style="border: 1px solid black; padding: 5px;">Signature</div>
S. No.	Particulars	
1.	Category of Infrastructure a. Dairy Processing b. Meat Processing c. Animal Feed Plant d. Value Addition	
2.	Name of Eligible Entity a. Farmers producer Organization(FPO) b. Section 8 Company c. Individuals Entrepreneur d. Private company e. MSME	
3.	Address a. Location of the Proposed Project (With Geo-Tagging and location Map and Photo of the site) b. Location of the Corporate Office c. Address of the individuals.	
4.	Total Turnover of the Company (Provide last three years balance sheet)	
5	If falling under MSME definition, please provide Certificate	
6.	PAN/TIN/Aadhar Number	
7.	Telephone No. /Mobile No.	
8.	Email address	
9.	Bank details where loan application has been sanction a. Name of the Bank	

	b. Bank Branch c. Address d. Email Address of Branch Manager e. Telephone Number f. IFSC Code	
10.	Details of the Bank Accounts a. Name of the Bank b. Bank Branch c. Address d. Loan Account Number e. Telephone Number f. IFSC Code	
11.	Project Details(Brief description of the project)	

(Signature of Applicant)

Please attach following documents

- x Detailed Project including component wise cost break up, total cost, recurring cost, net income etc. and viability of project
- x Supporting documents [Proof of Address, Copy of PAN/TIN /Aadhar card, MSME certificate (if applicable), proof of land holding (ownership or lease, conversion), education certificate, photocopies of training certificate, income proof, bank statement for last six months relevant for the project.
- x Cite Plan of the project.
- x List of Machinery and Equipment.
- x Lay out plan (both Civil and Machinery) of the processing facility certified by the registered architect.
- x All Statutory clearances like Clearances from the Local administration, Trade Licenses, Consent of Establishment, Consent to Operate from State Pollution Control Board, FSSAI License required for the project
- x Roadmap to ensure the Quality management of the product, product promotion and market development.



Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry & Dairying



सत्यमेव जयते

Government Of India

No. 5-1/2021-RKVY

Government of India

Ministry of Agriculture and Farmers Welfare

Department of Agriculture, Cooperation and Farmers Welfare

Rashtriya Krishi Vikas Yojana

Krishi Bhawan, New Delhi

Dated the 3rd May, 2021

To,

Agriculture Production Commissioner/Principal Secretary (Agriculture)/
Commissioner & Secretary/Secretary (Agriculture)/Director (Agriculture) of all
State/UTs Governments.

Subject:- Administrative Approval for the Rashtriya Krishi Vikas Yojana- Remunerative Approaches for Agriculture and Allied sector Rejuvenation (RKVY-RAFTAAR) for the year 2021-22 - regarding.

Sir/Madam,

I am directed to convey Administrative Approval of Government of India to the implementation of Rashtriya Krishi Vikas Yojana- Remunerative Approaches for Agriculture and Allied sector Rejuvenation (RKVY-RAFTAAR) and Sub-Schemes in the States /UTs during 2021-22 with allocation of Rs.3712.44 crore (Rupees three thousand seven hundred twelve crore and forty four lakh only) as per details given below:-

(Rs.in crore)

Sl. No.	Revenue Section Major Head	Plan	Non-Plan	Total
1.	2401 - Crop Husbandry	120.00	-	120.00
2.	2552- North Eastern Areas	369.44	-	369.44
3.	3601 – Grants-in-aid to State Governments	3209.00	-	3209.00
4.	3602- Grants-in-aid to UTs (with legislature)	14.00	-	14.00
	Total	3712.44	-	3712.44

2. The funds will be released to the States for implementation of the projects approved by their SLSC under Normal RKVY and the sub-schemes of RKVY from funds available under MH-3601 and MH-2552. The funds will be released to Union Territories (without legislature) from MH-2401 and to Union Territories (with legislature) from MH-3602. The funds available under MH-2401 will also be released to other agencies to promote Innovation and Agri-entrepreneurship Development apart from UTs and Administrative expenses of RKVY at **Central Level**.

3 The sharing pattern of the allocation / release of funds will be on the ratio of 60:40 between Centre and States (90:10 in respect of North Eastern and Himalayan States). The allocation for UTs will be 100% grant.

4 20% of the fund available under General component of MH-3601 and MH-2552 is earmarked for implementation of sub-schemes under RKVY-RAFTAAR during 2021-22. The allocations under different sub-schemes will be communicated separately as and when finalized.

5 The concerned States/UTs will be responsible for allocation and monitoring of resources for SC/ST/Women beneficiaries and maintain database for the same as per extant guidelines for Normal RKVY and all Sub-Schemes.

6 States/UTs need to fulfill the following requirements during programme implementation.

- a. There should be no deviation from the components/guidelines, etc. stipulated in the administrative approval and operational guidelines of RKVY-RAFTAAR and its Sub-Schemes.
- b. State Government / Nodal Department shall ensure that project details of all the project approved under the above RKVY-RAFTAAR and Sub-Schemes are entered in the RKVY Database & Management Information System (RDMIS) from time to time.

7 The State Governments/UTs are requested to furnish utilization certificates in the prescribed proforma (GFR-12 C) for State Governments and (GFR-12 A) for implementing agencies) for the funds utilized upto 31.03.2021 to this Department immediately.

8 States/UTs and other Implementing Agencies may formulate their project proposals for approval of State Level Sanctioning Committee (SLSC), for release of funds after fulfilling stipulated conditions mentioned in RKVY-RAFTAAR guidelines.

Yours faithfully,

Anand Krishan
3/5/2021

(Anand Krishan)

Director (RKVY)

Tel. No. 011-23782006 / 23070964

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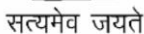
1. The Adviser (Agriculture), NITI Aayog, New Delhi.
2. The Adviser (State Plan), NITI Aayog, New Delhi.
3. The Adviser (FR), NITI Aayog, New Delhi.
4. The Principal Pay & Accounts Officer (Sectt.-II), Principal Accounts Office Ministry of Agriculture and Farmers' Welfare, DAC&FW, 1st Floor, Jeevan Tara Building, New Delhi – 110 001
5. Secretary (Planning)/Secretary (Finance)/Director of Agriculture/Accountant General (A&C) of all State Governments, North Block, New Delhi.
6. Secretary, Department of Expenditure, North Block, New Delhi.
7. Joint Secretary (LH)/Joint Secretary (Fisheries)/Joint Secretary (DD)/Joint Secretary (PC), DAHD&F Krishi Bhawan, New Delhi.
8. Sr. PPS to Secretary (A&C)/PPS to AS (RKVY)/PS to Joint Secretary (RKVY).
9. Finance Division/Budget Section/Budget & Account Section of DAC.
10. Guard File.

Anand Krishan
3/5/2021

(Anand Krishan)

Director (RKVY)

Tel. No. 011-2378 2006 / 23070964



2017-18 to 2019-20

Krishi Bhawan, New Delhi-110001

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1. Introduction

1.1 Rashtriya Krishi Vikas Yojana was initiated in 2007 as an umbrella scheme for ensuring holistic development of agriculture and allied sectors by allowing states to choose their own agriculture and allied sector development activities as per the district/state agriculture plan.

1.2 The scheme has come a long way since its inception and has been implemented across two plan periods (11th and 12th). During the XI Plan, an amount of Rs. 22,408.76 crore was released to States and 5768 projects were implemented. In the 12th plan Rs.31,488.44 crore was released and over 7600 projects were implemented in the sectors of crop development, horticulture, agricultural mechanization, natural resource management, marketing & post-harvest management, animal husbandry, dairy development, fisheries, extension etc. Till 2013-14, the scheme was implemented as an Additional Central Assistance (ACA) to State Plan Scheme with 100% central assistance. It was converted into a Centrally Sponsored Scheme in 2014-15 also with 100% central assistance. Since 2015-16, the funding pattern of the scheme has been altered in the ratio of 60:40 between Centre and States (90:10 for North Eastern States and Himalayan States). For

Union Territories the funding pattern is 100 % central grant.

1.3 Based on feedback received from States, experiences garnered during implementation in the 12th Plan and inputs provided by stakeholders, RKVY guidelines have been revamped as **RKVY – RAFTAAR - Remunerative Approaches for Agriculture and Allied sector Rejuvenation** to enhance efficiency, efficacy and inclusiveness of the programme for the remaining period of the Fourteenth Finance Commission.

2. Objectives of RKVY-RAFTAAR

2.1 RKVY-RAFTAAR aims at making farming a remunerative economic activity through strengthening the farmers' effort, risk mitigation and promoting agri-business entrepreneurship.

2.2 The main objectives of the scheme are-

- (i) To strengthen the farmers' efforts through creation of required pre and post-harvest agri-infrastructure that increases access to quality inputs, storage, market facilities etc. and enables farmers to make informed choices.
- (ii) To provide autonomy, flexibility to States to plan and execute schemes as per local/farmers' needs.

- (iii) To promote value chain addition linked production models that will help farmers increase their income as well as encourage production/productivity
- (iv) To mitigate risk of farmers with focus on additional income generation activities - like integrated farming, mushroom cultivation, bee keeping, aromatic plant cultivation, floriculture etc.
- (v) To attend national priorities through several sub-schemes.
- (vi) To empower youth through skill development, innovation and agri-entrepreneurship based agribusiness models that attract them to agriculture.

3. Eligibility Criteria and Inter State Allocation of Funds:

3.1 RKVY-RAFTAAR will continue to be implemented as a Centrally Sponsored Scheme in the ratio of 60: 40 (Government of India and State Share respectively) except in case of north eastern and hilly states where the sharing pattern is 90:10. For UTs the grant is 100% as Central share. The list of allied sectors as indicated by the erstwhile Planning Commission will be the basis for determining the sectoral expenditure, i.e., Crop Husbandry (including Horticulture), Animal Husbandry and Fisheries, Dairy Development, Agricultural Research and Education, Forestry

and Wildlife, Plantation and Agricultural Marketing, Food Storage and Warehousing, Soil and Water Conservation, Agricultural Financial Institutions, other Agricultural Programmes and Cooperation.

3.2 Eligibility Criteria: Since RKVY-RAFTAAR has now been recast as a Centrally Sponsored Scheme whereby States are contributing their share, all States / UTs will be eligible for funding under RKVY-RAFTAAR.

3.3 Criteria for interstate allocation:

The quantum of assistance (or fund allocation) to the States will be in accordance with the parameters and respective weights as explained in **Appendix-A**. RKVY-RAFTAAR Funds will be made available to the States in two installments of 50% each. Inter-State allocation criteria will not be applied for providing funds under the sub-schemes of RKVY-RAFTAAR.

3.4 Release of funds will be made to the State Governments, central government institutions, autonomous bodies, national/ international institutions based on the annual plans.

4. Programme Components (Streams): RKVY-RAFTAAR funds would be provided to the States as grant by the Central Government in the following streams.

4.1 A. Regular RKVY-RAFTAAR -70% of annual outlay will be allocated among States as per criteria under following heads.

- a. Infrastructure and assets- **50% (of 70%) of regular RKVY-RAFTAAR outlay**- pre-harvest infrastructure- 20%, post-harvest infrastructure- 30%
- b. Value addition linked production projects (agribusiness models) that provide assured/ additional income to farmers including Public Private Partnership for Integrated Agriculture Development (PPPIAD) projects- **30% (of 70%) of regular RKVY outlay.**
- c. Flexi funds- **20% (of 70%) of regular RKVY-RAFTAAR outlay.** States can use this fund for supporting any projects as per their local needs preferably for innovative activities in agriculture and allied sectors.

4.1 B. RKVY-RAFTAAR special sub-schemes – 20% of total annual outlay - based on national priorities as notified by Govt. of India from time to time for development of region and problem specific areas.

4.1 C. Innovation and agri-entrepreneur development - 10% of annual outlay-for encouraging innovation and agri-entrepreneurs through skill development and financial support. It will support incubatees, incubation

centers, KVKs, awards etc. These funds will be with Central Govt. (DAC&FW) including 2% of administrative costs at the Centre. **In case the funds are not utilized, they will be diverted to regular RKVY and sub-schemes.**

4.2 A. Regular RKVY-RAFTAAR (Infrastructure / Assets): Of the 70% outlay under this head States can utilize 20% of regular RKVY budget under this stream to establish pre-harvest infrastructure and utilize 30% budget to establish post-harvest infrastructure (indicative) in agriculture and allied sectors (total 50% of 70%). However, States are free to choose projects based on necessity at ground level. Projects under this stream will emanate from State Agriculture Infrastructure Development Programme (SAIDP) that states should prepare for the remaining period of the 14th Finance Commission. The details of activities that can be undertaken under this stream are given at **Appendix B.** While a number of infrastructure items are covered under Rural Infrastructure Development Fund (RIDF) and Viability Gap Funding (VGF) of the Ministry of Finance, RKVY funds should supplement those sources and not replace them. In any case, quantum of assistance under RKVY should not exceed assistance under VGF. Recurring expenditure

to the extent of human resources requirement on contractual basis and chemical components to run the testing labs will be allowed for three years subject to the condition that 2% administrative expenditure allowed under the scheme is exhausted beforehand. States need to provide justification for the same.

4.2 B Regular RKVY-RAFTAAR - Value addition linked production projects (agribusiness models) that provide assured/ additional income to farmers: Under this component i.e. 30% (of 70%) states can take up value added agribusiness projects that take care from production to marketing of any agriculture /allied sector activities that specifies end to end processes i.e. farm to markets with assured and additional income to the farmers. For example in rain fed areas where millets are the main crop, States can devise a model where farmers groups (Farmer Producer Organizations-FPOs) can be encouraged to grow millets under crop development scheme, Millets Development Directorate of Indian Council of Agriculture Research (ICAR) can provide technology for value addition (breakfast cereal, biscuits, noodles, pasta, rawa making machines etc) to the millet growers and companies like Britannia and ITC/ private individual entrepreneurs can be roped in for marketing

of the value added products. The guidelines of Private Public Partnership for Integrated Agriculture Development (PPP-IAD) provided (**Appendix-C**) under RKVY-RAFTAAR can be followed by states for developing these kind of projects that ensure definite additional income to farmers. States can consider the value chain models developed by the Indian Council of Agriculture Research (ICAR) under National Innovation Agriculture Projects (NIAP) for developing projects under this component. States can also dovetail schemes in value chain development. For example, production of cereals/ coarse cereals & millets/ horticulture crops could be encouraged under production oriented schemes like National Food Security Mission, Mission for Integrated Development of Horticulture etc. and the value addition, marketing component can be proposed under RKVY-RAFTAAR. Similar kind of dovetailing is suggested for other sector such as animal husbandry, fisheries, dairy, sericulture etc.

4.2 C Regular RKVY-RAFTAAR-flexi funds:

States are free to utilize these funds i.e.20% (of 70%) as per their local needs preferably for innovative activities in agriculture and allied sectors. An illustrative list regarding activities which may be taken up under production

component of this stream is given at **Appendix- D.**

4.3 RKVY-RAFTAAR (Special Sub-

Schemes): This will comprise of sub-schemes based on national priorities as notified by the Govt. of India from time to time. The inter-se allocation of funds across various components should suitably incentivize micro irrigation, post-harvest management and immediate attention to districts which are prone to drought and are predominantly rainfed. States that are moving towards liberalization and market reforms in agriculture including the adoption of the model APML Act, 2017 as well as removal of felling and transit restriction in agro forestry may be incentivized by giving priority to proposals from such States. In the event of Government of India not declaring any special sub-scheme in a year (or not continuing sub-schemes of previous years) or the aggregate amount earmarked for such special sub-schemes falling short of 20% of the RKVY-RAFTAAR budgetary allocation for the year, the remaining amount will be allocated to regular RKVY funds.

4.4 Innovation and agri-entrepreneur development:

- 1) This fund will be utilized for creating end to end solution for agri-entrepreneurs through

skill development and financial support for setting up agri-enterprises. The activities of the cell can be specified as follows:

- Support public/ private incubation centers - for infrastructure, mentoring of agri-entrepreneurs
- Support to public/private institutions (state, national, international) KVKs involved in agribusinesses training and skill development
- Financial support to incubatees / individual youth / farmers/ FPOs with innovative ideas for setting up of agri businesses that will benefit farmers-empowerment of small and medium Agri entrepreneurs
- Awards to entrepreneurs, holding competitions etc.

4.5 Details of the innovation model along with its guidelines shall be issued separately. Administrative costs to the tune of 2% will be utilized for UTs budget, engagement of consultants, monitoring & evaluation activities, publicity activities, conducting studies. The amount will also be used for Information Education Communication (IEC) on various agri schemes for the benefit of farmers towards improvement of their production and income by States and the Government of India.

4.6 Promotion of Farmer Producer Organizations (FPOs) under RKVY RAFTAAR:

- (i) Guidelines: SFAC has been mandated by DAC & FW, Ministry of Agriculture & Farmers Welfare to support the State Governments in the promotion of FPOs. Guidelines for FPOs are placed on the website of RKVY and may be utilized to promote FPOs under all streams of RKVY-RAFTAAR.
- (ii) Formation: Formation of FPOs has been supported through the scheme “Vegetable Initiative for Urban Clusters (VIUC)” and Integrated Development of 60,000 Pulse Villages in Rainfed areas, whereby FPO projects has been taken up by some State Governments under general RKVY funds. Funds for formation and strengthening of FPOs & projects under FPOs may be taken up under RKVY –RAFTAAR for the period 2017-18 to 2019-20. However, no duplication with other schemes should be made.
- (iii) Subsidy: Subsidy pattern for FPOs should be as per the existing schemes and their norms.
- (iv) To enhance the farmer’s income, the FPOs having 500 or above number of farmers may be supported under RKVY-RAFTAAR. Further, FPOs may also be

promoted in the less populated areas/districts of the State.

4.7 Cost Norm & Pattern of Assistance:

Activities/components proposed under RKVY-RAFTAAR especially under Infrastructure & Assets stream are generally covered under various ongoing schemes / programmes of Central Government viz. Deptt. of Agriculture, Cooperation & Farmers Welfare, Deptt. of Animal Husbandry, Dairying & Fisheries, Deptt. of Land Resources, Ministry of Water Resources, Ministry of Food Processing Industries, Ministry of New & Renewable Energy, Ministry of Rural Development etc. Technical requirements / standards and financial norms (cost norms and pattern of assistance) etc. for these activities/components that have been specified in various schemes/programmes will also be applicable for RKVY-RAFTAAR. In the absence of such criterion in respect of any component in Central Plan Scheme, norms and conditions prescribed by respective State Governments for their schemes may be applied. In cases where no Central / State Govt. norms are available, a certificate of reasonableness of the proposed project cost along with reasons thereof will invariably be given by State Level Project Screening Committee (SLPSC) in each such case. For infrastructure and assets projects, 100% assistance is provided if these are in

public sector as also in the PPP mode. Otherwise for private sector infrastructure projects, the assistance is 50%. For production oriented components (either under value addition linked production or flexi funds), the assistance will continue to be 25% of the project cost under RKVY-RAFTAAR. States may refrain from undertaking activities/ components as illustrated in **Appendix- E**.

4.8 District Agriculture Plans and State Agriculture Plans(DAP/SAP):

Several States/UTs have already prepared comprehensive district and State agriculture plans for XII Plan, which should be revised and updated appropriately for implementing RKVY-RAFTAAR during currency of Fourteenth Finance Commission keeping in view modification proposed for the plan period and emerging needs of the State. DAP shall not be the usual aggregation of existing schemes but would aim at moving towards projecting the requirements for development of Agriculture and allied sectors of the district. These plans will present the vision for Agriculture and allied sectors within the overall development perspective of the district. DAP's would also present their financial requirements in addition to sources of financing the agriculture development plans in a comprehensive way. DAP will include

animal husbandry and fishery development, minor irrigation projects, rural development works, agricultural marketing schemes and etc. keeping in view the natural resources and technological possibilities in each district. District level potential linked credit plans (PLP) already prepared by the National Bank for Agriculture and Rural Development (NABARD) and Strategic Research and Extension Plans (SREP) developed under the Agricultural Technology Management Agency (ATMA) etc. may be referred for revision of DAPs. It should also be ensured that the strategies for convergences with other programmes as well as the role assigned to the Panchayati Raj Institutions (PRIs) are appropriately incorporated in DAPs. States may also engage consultants/consulting agencies to revise / update DAPs and SAP.

4.9 Each State will also have a comprehensive State Agricultural Plan (SAP) for the remaining period of the Fourteenth Finance Commission by integrating the District Plans. SAPs will invariably have to indicate resources that can flow from the State to the districts.

4.10 Several States/UTs have already prepared comprehensive district and State agriculture plans for XI & XII Plans, which should be revised and updated appropriately for implementing RKVY-RAFTAAR during 2017-18 to 2019-20 keeping in view

modification proposed for the period and emerging needs of the State.

4.11 Revision and updating of SAPs could be a two-way process. Firstly, State nodal department (or Agriculture Department) could get DAPs revised in the first instance to ensure that priorities of the State are properly covered in the district plans. States should, at this stage of scrutiny, ensure that requirements of districts and priorities of the State are appropriately captured and aligned in DAPs. Alternately, State Nodal Agency could communicate to the districts in the first instance, the State's priorities that ought to be reflected in the respective district plans and the districts may incorporate these in their updated district plans.

4.12 Preparation/revision of the DAPs is an elaborate, exhaustive and iterative process and care needs be taken by the State nodal department and district agriculture department in ensuring that these plans cover the entire gamut of agriculture & allied sectors.

4.13 State Agriculture Infrastructure Development Programme (SAIDP): Each State will be required to prepare a SAIDP in a manner similar to that of DAPs and SAPs for identifying a shelf of projects for RKVY-RAFTAAR (Infrastructure & Assets) stream. SAIDP should ideally be a consolidation of

requirement of infrastructure identified in DAPs and SAP.

4.14 State Planning Department will provide revised/updated SAP and SAIDP to Department of Agriculture (DAC) and Niti Aayog as a part of the State's annual State Plan exercise.

5. Project Screening and Approval Committees:

5.1 State Level Project Screening Committee (SLPSC): A State Level Project Screening Committee (SLPSC) will be constituted by each State for screening RKVY-RAFTAAR project proposals, which will be headed by the Agriculture Production Commissioner or any other officer nominated by the Chief Secretary. Other members of the SLPSC would be decided by the State Chief Secretary. SLPSC will screen all project proposals for ensuring conformity with RKVY-RAFTAAR guidelines and that they flow from SAP/DAP/ SAIDP besides being consistent with technical requirements / standards and financial norms (cost norms and pattern of assistance) etc. in respect of components that have been specified in relevant Central Government/State Government schemes.

5.2 SLPSC will also screen all Detailed Project Reports (DPRs) prepared by various

departments for their suitability, linkage to SAP, DAP and SAIDP and its adherence to the RKVY-RAFTAAR guidelines. Before recommending projects to SLSC, SLPSC will further examine and ensure that –

- Funds available under other schemes of the State Government and / or Government of India for the proposed projects have been accessed and utilized before projects are brought under the RKVY-RAFTAAR umbrella;
- RKVY-RAFTAAR projects/activities should not create any duplication or overlapping of assistance /area coverage vis-à-vis other schemes/programmes of State/Central Government;
- RKVY-RAFTAAR funds are not being proposed as additional or ‘top-up’ subsidy to other ongoing schemes/programmes of State/Central Government;
- At least 25% of the total value of projects have emanated from Comprehensive District Agriculture Plan (CDAP) and have been approved by the District level Panchayati Raj Institutions (PRIs) so that field level gaps are correctly addressed;
- State Agriculture Infrastructure Development Programme (SAIDP) has been prepared; detailed project reports (DPRs) include provision for monitoring and evaluation;

- For research projects proposed under RKVY-RAFTAAR, clearance of Indian Council of Agriculture Research (ICAR) has been obtained; for animal husbandry projects Department of Animal Husbandry, Dairying & Fisheries, has agreed;
- Convergence with other State/Central Schemes has been attempted;
- Recommended projects ensure adequate allocation to allied sectors including Farmer Producer Organizations (FPO) and projects on PPP mode should also be promoted and established.

5.3 State Level Sanctioning Committee

(SLSC): A State Level Sanctioning Committee (SLSC) headed by the Chief Secretary of the State is vested with the authority to sanction specific projects recommended by the SLPSC under each stream of RKVY-RAFTAAR in a meeting attended by representatives of the Government of India also. SLSC will comprise of all Departmental Heads, Directors of concerned Directorates, State Agriculture University (SAU), with Secretary (Agriculture) as the Member Secretary and representatives of NITI Aayog, Department of Agriculture, Cooperation & Farmers Welfare, Department of Animal Husbandry, Dairying & Fisheries, etc. The composition of SLSC is at **Appendix-**

G. The quorum for SLSC meetings would not be complete without the presence of at least one representative from the Government of India. SLSC will normally approve projects equal to the amount of allocation of the State under RKVY-RAFTAAR. Under no circumstance, will SLSC approve projects for more than 150% of the allocation of the State under RKVY-RAFTAAR for funding in a year (also taking into account cost to be incurred in the year concerned for multi-year infrastructure projects). In case projects with outlay higher than the allocation of the State are approved by SLSC, priority will be indicated in the Minutes of the SLSC meeting *inter-alia* specifying costs and physical & financial targets that will be taken up for implementation during the year limited to the ceiling of total allocation of funds to the State for the year. In case of projects having implementation period spanning more than one financial year, year-wise phasing of expenditure and targets/milestones to be achieved will be specifically mentioned in the minutes of the SLSC meetings. A summary of projects approved by SLSC should be given by the State in the format as at **Appendix-I**

5.4 SLSC will also be responsible for proper implementation and monitoring of each project sanctioned by it under each stream of RKVY-

RAFTAAR; Reviewing implementation of the schemes' objectives and ensure that the projects/schemes are implemented in accordance with the guidelines laid down; Ensuring that no duplication of efforts or resources takes place; Initiating evaluation studies from time to time, as may be required. It will also be the responsibility of SLSC to ensure that all extant procedures and instructions of the Government of India besides the RKVY-RAFTAAR scheme guidelines are followed so that the expenditure incurred on implementation of the projects is the barest minimum with due concern for economy in expenditure and also in conformity with the canons of financial propriety, transparency and probity.

5.5 It will also be the responsibility of SLSC to ensure that while selecting beneficiaries under any project of RKVY-RAFTAAR, adequate coverage of small and marginal farmers, Scheduled Castes, Scheduled Tribes and women and other weaker segments of society is ensured so that the benefits of implementation of a particular project or the scheme as a whole accrue to the intended beneficiaries in accordance with guidelines and policies of the Government. Since the Scheduled Caste Sub Plan (SCSP) and Tribal Sub Plan (TSP) have been included from 2017-

18, States are mandated to ensure that benefits of the scheme go to the intended beneficiaries. In addition, SLSC shall also ensure that Farmer Producer Organizations (FPO) are given desirable support in RKVY projects. SLSC shall meet as often as required but shall meet at least once in a quarter.

6 Preparation & Sanctioning of Projects:

6.1 Detailed Project Reports (DPRs): RKVY-

RAFTAAR is a project-based scheme. Thus, Detailed Project Reports (DPRs) shall have to be prepared in the format provided to the states (**Appendix-F**) for each of the RKVY projects incorporating all essential details i.e. feasibility studies, competencies of the implementing agencies, anticipated benefits (outputs/outcomes) that will flow to the farmers/ State, definite time-lines for implementation etc. In case of large projects costing more than Rs. 25 crore, DPRs should be subjected to third party 'techno-financial evaluation' and circulated well in advance to concerned Central Ministries for obtaining comments/observations.

6.2 DPRs for all projects relating to agriculture, animal husbandry, dairying and fisheries etc., should certify that there would be no duplication of funding and/or taking up similar activities as in other Plan schemes of Central/State Government. DPRs should

clearly indicate the year-wise physical & financial targets proposed under each project. It will be permissible for the States to initiate specific projects with definite time-lines, and clear objectives for Agriculture and allied sectors excluding forestry and wild life, and plantations (i.e., Coffee, Tea and Rubber). Farmer-centric activities in the forestry sector may be taken up after the consent of the centre.

6.3 Agriculture Department, the Nodal Department at the State level will place RKVY-RAFTAAR project proposals before the State Level Project Screening Committee (SLPSC) which shall, after due consideration, place appropriate and adequately scrutinized project proposals before the State Level Sanctioning Committee (SLSC) for approval.

7. Planning & Implementation of RKVY-

RAFTAAR: Agriculture Department of the State shall be the nodal department for the implementation of the scheme. For administrative convenience and ease of implementation, State governments may identify, or create an exclusive agency for implementing the scheme on a fast-track basis. Even where such an Agency is created/designated, the entire responsibility of ensuring proper implementation of RKVY-RAFTAAR rests with the Agriculture

Department of the State. In a situation where the States notify a Nodal agency, the costs of running the agency, will have to be met from within the 2% limit of allocation under RKVY-RAFTAAR (excluding special schemes) States may supplement any administrative expenditure in excess of the 2% limit, from their own resources.

7.1 The Agriculture Department / nodal agency will be responsible for the following:-

- Preparing State Agriculture Plan (SAP) & State Agriculture Infrastructure Development Programme (SAIDP) and ensuring the preparation of the District Agriculture Plans (DAPs).
- Effective coordination preparation and appraisal of projects, implementing, monitoring, and evaluation with various Departments and implementing Agencies.
- Management of funds received from the Central, and State Governments and disbursement of the funds to the implementing agencies.
- Furnishing of utilization certificates and quarterly physical & financial progress reports to the Department of Agriculture, Cooperation & Farmers Welfare. Effectively utilizing and regularly updating web enabled IT based RKVY Management Information System (RKVY-MIS).

7.2 The State Level Nodal Agency will forward SLSC meeting notice along with agenda and project details to Department of Agriculture, Cooperation & Farmers Welfare (DAC&FW) so as to reach at least 20 days prior to the meeting of SLSC to enable Government of India's representatives to prepare in advance and to participate meaningfully in the SLSC meeting. Once the agenda is received in DAC&FW, states need to present the project proposals in the meeting conducted by DAC&FW for finalization of comments prior to SLSC. During SLSC meeting, the Chairman should take the comments of DAC&FW into consideration before approving/modifying/ rejecting projects. Once the projects are sanctioned by SLSC, DAC&FW will release funds to the State Government only. As envisaged in National Policy for Farmers (2007) (para 11-viii), Panchayati Raj Institutions (PRI) should be actively involved in implementation of RKVY especially in selection of beneficiaries, conducting social audit etc. Recommended activity mapping for effective devolution of funds, functions and functionaries to Panchayati Raj Institutions (PRIs) is at **Appendix- J.**

8. Release of Funds: 50% of the RKVY-RAFTAAR annual allocation will be released

as first installment to the State, upon the receipt of the minutes of SLSC approving implementation of new projects and/or continuation of ongoing projects during the current financial year along with lists of projects approved and their entry in RKVY Database (RDMIS). In case, total cost of approved projects is less than the annual outlay, funds to the tune of 50% of approved project cost will be released. Release of the second and final installment of 50% would be considered on fulfillment of the following conditions:

- a) 100% Utilization Certificates (UCs) for the funds released upto the previous financial year;*
- b) Expenditure of at least 60% of funds released in the first installment during the current year; and*
- c) Submission of performance report in terms of physical and financial achievements as well as outcomes, on a quarterly basis, within the stipulated time frame in the specified format. Entry of physical & financial progress in RDMIS is also a must.*

If a State fails to submit these documents within a reasonable period of time, the balance funds may be re-allocated to better performing States. The Nodal Agency shall ensure that Project-wise accounts are maintained by the Implementing Agencies and are subjected to the normal process of

Statutory Audit. Likewise, an inventory of the assets created under RKVY-RAFTAAR Projects should be carefully maintained and assets that are no longer required should be transferred to the Nodal Department, for its use and redeployment where possible. Central assistance will be released as per the approved mechanism of the Ministry of Finance. Nodal Agency/Department should ensure that the Central Assistance released under the Scheme is utilized in accordance with the approved State and District Plans. Since the amounts of the second and final installment of the allocation will depend upon the progress of utilization of funds, States should ensure that funds released are utilized promptly and properly and progress reports are sent to DAC&FW at the earliest. Non-utilization of central assistance will hinder further release of funds. The format for Utilization Certificate is at **Appendix- H**.

9. Administrative Expenses & Contingencies: The State is permitted to use upto 2% of its total RKVY-RAFTAAR funds (excluding funds allocated under RKVY sub-schemes) for incurring administrative expenditure that includes payment to consultants, recurring expenses of various kinds, staff costs, etc. However, no permanent employment can be created nor can vehicles

be purchased. DAC&FW may retain a proportion of 2% of the RKVY-RAFTAAR funds (including RKVY sub-schemes) at the Central level for releasing grants in aid to UTs, engagement of consultants, monitoring and evaluation activities, publicity, conducting studies and Information Education Communication on various schemes. The Nodal Agency is authorized to hire consultants/consulting agencies to prepare DPRs and up to 5% of the funds in the stream can be utilized for the preparation of DPRs.

10. Timelines: As far as possible, the following timelines shall be adhered to by the Centre and States.

- Project Screening By SLPSC – December
- SLSC Agenda to be sent to RKVY Division in DAC&FW - 1st Week of January
- A meeting in DAC&FW prior to SLSC meeting to discuss Agenda/project proposal of Individual States - January and February
- Intimation of Ministry's Comments To States –February
- SLSC Meeting- First Week of March
- SLSC Minutes to RKVY Division- Last Week of March
- 1st instalment Releases- April-May
- UCs, progress report submission, MIS updation- end of September-October
- 2nd instalment release - October onwards.

11. Monitoring & Evaluation:

a. RKVY-Management Information System

(RKVY-MIS): DAC&FW has put in place a web-based Management Information System (MIS) for RKVY to collect essential information related to each project. States will be responsible for timely submission/updating project data online in the system (preferably on a fortnightly basis), which has been designed to provide current and authenticated data on outputs, outcome and contribution of RKVY projects in the public domain (<http://www.rkvy.nic.in>). As RKVY-MIS report shall be the basis of 'on-line monitoring' and judging 'Inter-State performance', States may establish a dedicated RKVY-MIS cell for this purpose.

- b.** Geotagging of assets initiated in 2016-17 is to be continued and states should geotag assets at the beginning, middle and completion of the asset creation. Twenty five percent (25%) of the projects sanctioned by the State each year under regular RKVY-RAFTAAR and its Sub-schemes shall have to be compulsorily taken up for third party monitoring and evaluation by the implementing States. Action plan for monitoring and evaluation will be decided by the SLSC every year in its first meeting based on project cost, importance of the project etc. preferably covering all sectors. The State Government will be free to choose

any reputed agencies for conducting the monitoring and evaluation work in their States. Requisite fees/cost towards monitoring & evaluation will be met by the State Government from the 2% allocation retained by them for administrative expenses. At Government of India Level, Department of Agriculture, Cooperation & Farmers Welfare will conduct concurrent evaluation, mid-term and end-term evaluation of the scheme by a suitable 3rd party. The performance of the States will be reflected in the Outcome Budget document of this Ministry. Provision for Project Management teams consisting of consultants, technical assistants at the centre, state and district levels for monitoring of projects can be done from 2% RKVY-RAFTAAR administrative expenses funds.

- 12. Convergence:** Since RKVY-RAFTAAR is mandated to fill the gaps wherever existing in the field, it is essential to encourage convergence with schemes like Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS), Swarnajayanti Gram Swarojgar Yojana (SGSY) and Backward Regions Grant Fund (BRGF). States shall also

ensure convergence with other Central Schemes of Ministry of Agriculture & Farmers Welfare (e.g. Department of Agriculture, Cooperation & Farmers Welfare and Department of Animal Husbandry, Dairying and Fisheries & Department of Agriculture Research & Education) and other relevant Ministries/Departments viz., Ministry of Food Processing Industries, Ministry of New and Renewable Energy, Department of Land Resources, Ministry of Rural Development, Ministry of Water Resources etc. Ministry of Panchayati Raj shall also be appropriately consulted for ensuring that local/Panchayat level requirements are adequately addressed in District Development Plans.

13. Changes in the RKVY-RAFTAAR:

Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Govt. of India may effect changes in the RKVY-RAFTAAR guidelines, other than those affecting the financing pattern as the scheme evolves, whenever such changes are considered necessary.

- 14.** These guidelines are applicable to all the States and Union Territories.

Inter State Allocation of the funds under RKVY-RAFTAAR

Inter-State allocation of RKVY-RAFTAAR funds will be based on the following parameters and weights:

Sl. No.	Criteria/Parameters	Weightage
1	<i>Percentage share of net un-irrigated area in a State to the net un-irrigated area of all States.</i>	15%
2	<i>Percentage of small and marginal farmers in the state compared to total number of small and marginal farmers in the country.</i>	20%
3	<i>Moving averages of the increase in plan expenditure in agriculture & allied sectors including animal husbandry, fisheries etc. in the previous 3 year period.</i>	30%
4	<i>Average Gross State Value Added (GSVA) in agriculture and allied sectors in the last 3 years.</i>	20%
5	<i>Percentage of youth population in the state compared to total youth in the country.</i>	5%
6	<i>Inverse of Yield gap between state average yield and potential yields as indicated in the frontline demonstration data.</i>	10%

2.0 Ministry of Agriculture & Farmers Welfare could modify above criteria/weights depending upon new parameters becoming relevant in future.

3.0 Expenditure which should be excluded for the purpose of parameter No. 3 concerning expenditure on agriculture and allied sectors are:

- (a) *Expenditure on output subsidies such as that relating to food subsidy, subsidy for procurement of milk, bonus on procurement of food grains and other crops, etc.;*
- (b) *Expenditure on Civil Supplies and Public Distribution System. However, expenditure on creation of storage and warehouse for agriculture purposes will be considered for the purpose of Parameter 3;*
- (c) *Expenditure on interest subvention, electricity or diesel subsidy etc.;*
- (d) *Debt relief or other one time relief to farmers;*
- (e) *Irrigation except as included in para-4 c below.*

4.0 Certain expenditure which is directly related to the development of agriculture sectors may be allowed in the expenditure on agriculture and allied sectors for the purpose of Parameter 3;

- a) Expenditure on watershed development including State's share on Integrated Watershed Management Programme (IWMP);*
- b) Plan and non-plan expenditure on agriculture and allied sectors;*
- c) Plan expenditure on Minor Irrigation & Command Area Development; and*
- d) Expenditure incurred on agriculture and allied sectors out of the funds devolved for the decentralized district planning units or to the autonomous regional/sub-regional development councils set by the States such as Bodoland Territorial Council, etc.*

Illustrative List of Projects that can be funded under RKVY-RAFTAAR (Infrastructure & Assets)

Sl. No	SECTOR	DESCRIPTION OF INFRASTRUCTURE
1.	Horticulture	Nurseries
		Tissue Culture Labs/Units
		Creation of water resources (Community tanks/Farm ponds/on farm water resources with plastic/RCC lining/water storage structures)
		Creation of value resources and protected cultivation (Green House/ Poly House/Shade Net House infrastructures)
		Sanitary and phyto sanitary infrastructure
		INM/IPM infrastructure such as Disease Forecasting Units, Plant Health Clinics, Leaf/Tissue Analysis labs, Bio-control laboratories
		Certification of Gap (Good Agricultural Practices) including infrastructure
		Vermi compost units
		Controlled atmosphere storage, staging cold room
		Cold storage/pre cooling/refrigerated van, cold chain infrastructure
		Ripening/Curing chamber
		Evaporative/low energy cool chamber (8 MT)
		Primary/minimal processing units
		Terminal/wholesale/Rural market
		Functional infrastructure for collection, sorting, grading, packing etc.
		Preservation Units (low cost), Warehouse
		Low cost Onion/Garlic storage, Pusa zero energy cool chamber
		Horticulture mechanization (Tractor & Power tillers are not allowed)
		Marketing infrastructure for horticulture produce
		Pack house, Reefer Vans
		Infrastructure related to Horticulture produce processing as per Ministry of Food Processing Industries (MoFPI) guidelines.
2.	Natural Resources Management	Soil & Water conservation activities (Terracing, Gully Control Measures, Spill Ways, Check Dams, Spurs, Diversion Drains, Protection Walls etc.)
		Reclamation of problem Soils (Acid/Alkali/Saline/Ravine/Water logged).
3.	Pest Management & Pesticide quality control	Labs for production of bio-control agents
		State Pesticide Residue Testing Labs
		State Pesticide Testing Labs
		Bio-Pesticide Testing Labs
		Seed Treatment drums & chemicals
4.	Soil Nutrient Management	Setting up of new soil testing laboratories.
		Strengthening of existing soil test laboratories with micro-nutrient testing facilities.
	Fertilizers	Setting up of new fertilizer Quality control Laboratories (FQCLs).

		Strengthening of existing FQCLs.
	Bio Fertilizers/Organic Farming	Setting up of State of art liquid/carrier based Bio fertilizer/Bio pesticide units;
		Setting up of Bio-fertilizers & Organic Fertilizer Quality Control labs (BOQCL)
		Strengthening of BOQCL.
		Setting up of mechanized Fruit/Vegetable market waste/Agro waste compost production unit.
		Setting up of Input production unit.
		Promotion of Organic Inputs on farmer's field (Manure, Vermi- compost, Bio- fertilizers, Liquid/Solid, Waste Compost, Harbal extracts etc).
	Integrated Manure Management	Liquid Bio-fertilizer consortia (Nitrogen fixing/phosphate solubilizing/potassium mobilizing bio- fertilizer).
		Liquid Bio-pesticides (Tricghoderma viridae, Pseudomonas, Fluorescence, Matarhizium, Beaviourie bassiana, Pacelomyces, verticillium).
		Phopphate Rich Organic Manure (PROM).
		Vermi- compost
5.	Animal Husbandry	Semen collection and Artificial Insemination(AI) Units/Production Center
		Breeding farms
		Dispensaries/Hospitals for treatment of Animals
		Vaccine Production Unit
		Diagnosis Labs, including Mobile Units
		Animal Ambulance
		Cold Chain for storing and transportation of frozen Semen
		Tractor fitted with Fodder Block Machine
		Carcass rendering Plant to collect the fallen animals for processing/utilization in scientific manner
		Modernization of animal slaughter houses* and markets for livestock /livestock products
		Establish/Strengthening of Cold Chain Infrastructure for storage of Veterinary Biological.
		Establishment/Strengthening of Check post/Quarantine camps for restriction of animal movement, strengthening of animal disease reporting system.
	Dairy	Milk Collection Centers and Infrastructure :
		Purchase of milking machines (single/double bucket)
		Setting up of milk chilling/bulk milk cooling centres (BMC) along with automatic milk collection units (AMC)
		Setting up/modernization/strengthening of milk processing units

		Strengthening /expansion of cold storage facility for milk and milk product
		Purchase of insulated/refrigerated transport vehicles
		Setting up of milk parlor/milk booth
		Strengthening of lab facility in milk chilling/milk processing unit
		Establishment of cattle feed storage godown
		Establishment/strengthening of cattle feed plant
		Establishment of cattle shed for milch animals
		Setting /strengthening of ETP at milk chilling/milk processing unit
	Fisheries	Fish Ponds/Reservoirs
		Fish seed Hatcheries
		Marketing infrastructure
		Mobile Transport/Refrigerated vans
		Cold Storage & Ice Plants
6.	Marketing and Post-Harvest	Fruits & Vegetable Markets/Distribution Centres
		Market Infrastructural Facilities, including Agricultural Produce Market Committees (APMC)
		Construction of Specialized Storage Facilities like Onion Storage Godowns
		Electronic Trading including Spot and Futures Markets and E-auctioning
		Farmers Service Centres
		Food Grain Procurement Centres
		E-Kisan Bhawans / Internet Kiosks
		Grading including grading line
		Quality Control
		Packing
7.	Seeds	Seed Testing Labs
		Seed Processing Facilities
		Seed Storage Godowns including Dehumidified Refrigerated Seed Storage Godowns
		Seed Certification Agencies and Certification Infrastructure
		Seed Multiplication Farms
8.	Agriculture Mechanization	Custom Hiring Centers for Agricultural Equipment
		Agriculture Machines Testing Centers
		Establishment of Hi-tech hubs for Custom Hiring.
		Establishment of Post-Harvest Technology Units for Primary Processing and Value Addition.
		Use of Solar Energy in Agriculture i.e. Solar pump sets, Solar dryers, solar energy in green house etc.
		Development of Modern Farms of agricultural mechanization at Govt./SAUs level for demonstration
		Training, Demonstration, Distribution of agricultural machinery and

		establishment of custom hiring centers for Straw Management.
9.	Agricultural Extension	Kisan Call Centres
		ATMA Infrastructure at State, District and Block level as per following details: <ol style="list-style-type: none"> 1. State Level: Support for creating essential infrastructure at State Agriculture Management Extension Training Institutes (SAMETIs). 2. District level: Support for creating separate building for District ATMA to operate extension related activities within the district effectively. 3. Block level: Support for creating essential infrastructure for the Block ATMA cell for convening regular meetings of BTT, BFAC and offices for BTMs/ATMs.
		Knowledge / Technology Resource Centres
		Community Radio Station (CRS)
		SAMETI Infrastructure
		Skill Development in Agriculture: Organization of National Skills Qualifications Framework (NSQF) compliance Skill Development courses developed by Agriculture Skill Council of India (ASCI), of minimum 200 hrs duration for fresh entrant, Reskilling courses and assessment of candidates through Recognition of Prior Learning (RPL) process prescribed by Ministry of Skill Development & Entrepreneurship (MSDE) / ASCI for the farmers, farm women, Rural youth. These courses are to be organized by institutes of DAC & FW, DAHD & F, ICAR institutes, SAUs, KVKs and SAMETIs and institutes under State Agriculture & allied Departments. Funding for organization of Skill Development workshops, bringing out of short films/ media publicity for promotion of skill development, carrying out of skill gap analysis study, impact analysis study and handholding support etc.
10.	Credit & Cooperation	Use of Aerial Vehicle (UAV/DRONE) for assessment of cropped area, crop losses, crop health monitoring etc.
		Set up and maintenance of Automatic Weather Stations (AWSs)/ Automatic Rain Gauge Stations (ARGs) for Pradhan Mantri Fasal Bima Yojana (PMFBY)/Restructured Weather Based Crop Insurance Scheme (RWBCIS).
11.	Agriculture Research	Research Infrastructure
		Strengthening of KrishiVigyan Kendras (KVKs)
12.	Minor / Micro Irrigation	Shallow Wells & Dug Wells
		Tube Wells (<i>except in dark/grey /critical zone identified by Central Ground Water Board</i>)
		Percolation & Minor Irrigation Tanks
		Farm Ponds
		Field channel
		Piped Water Conveyance System
13.	Fodder & Feed	Infrastructure for sapling / slice of Fodder yielding plants / grasses.

	Strengthening & Development of Infrastructure of State/ Milk Federation/ SAUs/ Veterinary University Farms for fodder seeds & fodder production, training & demonstration
	Infrastructure for Fodder Demonstrations for Livestock based farming system approach
	Establishment of Silage making units
	Fodder Blocks making unit with Fortified Maize Stovers/ paddy straw
	Bailing machines for harvested crops / plant residues
	Hand driven chaff cutters
	Power/diesel/solar driven chaff cutters
	Strengthening & Development of Infrastructure of State / Milk Federation/ SAUs/ Veterinary University Farms for fodder seeds & fodder production, training & demonstration
	Infrastructure for Azolla production
	Setting up of Fodder Banks/ depots and silos
	Rejuvenation for Forage production from Wasteland/ Gauchar/ Rangeland/ grassland / non-arable land / Rivers basin, drainage line, degraded mining land, watershed catchments area / canal embankments / Forest fringe involving NGOs/ private players/Sheep /Goat Societies
	Infrastructure for hydroponic fodder as commercial activity
	By –Pass Protein Production Unit
	Setting up of high capacity Fodder Block Making & enrichment units, tractor mountable Fodder Block Making units/ Hey Bailing Machine/ Straw Reaper/ Forage Harvester Reaper.
	Infrastructure for area specific mineral mixture plants/units
	Feed making and processing units
	Feed pelleting units,
	Infrastructure for establishment modernization of Feed testing laborator
	Modernization of feed making and processing units.

*Extant norms of Ministry of Food Processing Industries, Govt. of India / Dept. of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture, Govt. of India will apply.

Note:

1. The above illustrative list of projects is indicative and not exhaustive.
2. Food processing units, especially those industries which get assistance under various schemes of the MoFPI, should not be eligible for assistance under RKVY.
3. State specific research projects through SAUs/ICARs in any area of agriculture and allied sectors may be undertaken under Production Growth stream only.
4. Infrastructure and Assets stream emphasizes promoting group approach for subsidies. Accordingly, level of subsidies in the case of unspecified projects should be kept to the minimum for higher coverage of beneficiaries/ areas.
5. State should form of stakeholders' groups/organizations involving them in planning, execution and future maintenance of the created assets.

Framework for supporting Public Private Partnership for Integrated Agriculture Development (PPPIAD) under RKVY-RAFTAAR

A Scheme for facilitating large scale integrated projects, led by private sector players in the agriculture and allied sectors, with a view to aggregating farmers, providing additional income to farmers and integrating the agricultural supply chain, with financial assistance through RKVY-RAFTAAR under the direct supervision of State Governments, supported by National Level Agencies.

Background and Rationale

The agricultural produce landscape in India is undergoing significant and rapid change. This is primarily led by changing consumer demand preferences, as rising incomes rearrange the contents of the household food basket in both urban and rural India. Concern for food safety, traceability and assured year-round availability of quality agri produce at reasonable prices are demands which have emerged at the top of the supply chain. Organized retail is doubling its share every three years or so and is likely to play an increasingly important role in influencing the nature of agricultural markets in the coming decade. Traditional production and supply arrangements are unlikely to prove adequate in meeting the challenges posed by these two major developments.

Agriculture GDP is heavily weighted in favour of high value produce like horticulture, animal husbandry, dairy, poultry and fish products. Recent evidence suggests that this segment is increasingly favoured by small and marginal producers as it is labour intensive, offers quicker returns and can engage a higher proportion of women (especially dairy activities). Thus there appears to be immense potential to leverage high returns from non-cereal sub sectors, especially for small producers. This fits well with the vision of Hon'ble Prime Minister for doubling of farmers' income by 2022.

However, several hurdles need to be overcome to reach these highly desirable goals. For one, 85% of operational land holdings in the country are now marginal or small and unless there is urgent intervention in aggregating producers through farmer's institutions, we are unlikely to achieve scale in production and leverage it to the advantage of all stakeholders, especially primary producers. The fragmented agricultural marketing value chain and the large number of intermediaries is another major constraint, leading to wastage, low returns to producers and volatility in availability and prices at the consumer end. Estimates of the wastage of perishable such as fruits and vegetables range from 18-40% but they are undeniably too high and penalize both producers and consumers. The example of AMUL in milk demonstrates the benefits of value chain integration in agricultural produce. Yet, an efficient supply chain for cereals, perishables and other high value agricultural produce is unlikely to materialize unless there is parallel investment in aggregating farmers and farm produce at the bottom end, and strong and direct linkages are created between producers and market players, both for retailing raw produce and processed food.

Finally, the growing demand for quality agricultural products creates an opportunity to reduce risk in agriculture through the integration of producers on the one hand and retailers and processors on the other. While production and price risks are the most obvious areas of attention, the potential to create partnerships between farmer's groups and market players also opens up better links with input suppliers, financial institutions and research bodies. This convergence can lead to better targeting of government expenditures on agricultural subsidies and achieve better outcomes for public policy. Overall, a

collaborative effort between the government, farmers and corporates in agriculture is likely to raise the rate of agricultural GDP growth, thereby directly impacting rural poverty.

In the above scenario, RKVY-RAFTAAR is likely to be a major window of funding during the remaining period of Fourteenth Finance Commission (FFC) (2017-18 to 2019-20) to support integrated agriculture and allied sector projects. However, there were challenges of limitation of technical, administrative and financial capacity at the state level to absorb the growing level of funding support under RKVY. Project monitoring and assessing project outcomes were also areas requiring strengthening. PPPIAD was conceived of as an alternative mode of implementation under RKVY during 12th plan period, using the technical and managerial capabilities of the private sector in combination with public funding, to achieve integrated and sustainable outcomes, as also to achieve value chain integration and additional private investment in agriculture and is proposed to be implemented under RKVY-RAFTAAR during 2017-18 to 2019-20.

Main features of PPPIAD

- Corporates to propose integrated agricultural development projects across the spectrum of agriculture and allied sectors, taking responsibility for delivering all the interventions through a single window. Each project to target at least 500 and above number of farmers, spread over the project life.
- Complete flexibility in design, but ensuring an integrated value chain approach, covering all aspects from production to marketing. Projects can span 2-3 years.
- Average investment per farmer during project must be quantified, though an average of Rs. 1.00 lakh per farmer will be a desirable benchmark. Government support will be restricted to 50% of the overall per farmer investment proposed, with a ceiling of Rs. 50,000 per farmer through the project cycle. The remaining investment will be arranged by the corporate through institutional financing and its own and farmer contributions. All subsidies will be directly routed to farmers or reimbursed to project leaders after verification of asset distribution to farmers.
- Key interventions which must feature in each project are: a) mobilizing farmers into producer groups and registering them in an appropriate legal form or creating informal groups as may be appropriate to the area and Project (joint stock or producer companies, cooperatives, self-help group federations etc.); b) technology infusion; c) value addition; d) marketing solutions; e) project management.
- Financial assistance will be provided by State Governments directly to corporates through the RKVY-RAFTAAR window after the project has been approved by SLSC, subject to a ceiling of Rs. 50,000 per farmer or 50% of the proposed investment per farmer, whichever is lower. Subsidy to farmer for availing mechanization/grading/shade nets etc. could be considered separately as it is a large investment.
- Projects can also be proposed by corporates to State Governments through Small Farmers' Agri-business Consortium (SFAC). This institution has been designated as a National Level Agency for this purpose by Dept. of Agriculture and Cooperation & Farmers Welfare, Govt. of India. SFAC will act as a facilitator to link the project promoter to the concerned State Government. The role of SFAC will be to examine the proposal from a technical viewpoint and thereafter propose it for funding to the concerned State. SFAC will be restricted to being a support agency to facilitate the

process of technical appraisal, coordination and facilitation; it will not be involved in implementation directly or handling funds.

- An independent monitoring agency (like NABARD or other a suitably qualified consultancy firm with no conflict of interest with the particular project it is to monitor) will be appointed by the State Government to closely track the performance of the project and report to all relevant stakeholders in the State and Central government.

Coverage and Scope PPPIAD launched during the 12th Plan is being continued under RKVY-RAFTAAR for the remaining period of Fourteenth Finance Commission (FFC) (2017-18 to 2019-20), whereby State can take up value addition linked production projects that may take care from production to marketing of any agriculture & allied sector activities that specify end to end processes.

Objectives

Main objectives of scheme are:

Augmenting the current government efforts in agricultural development by leveraging the capabilities of the private sector by:

- Addressing all concerns related to production and post-harvest management in agriculture/horticulture and agriculture allied sectors.
- Enhancing production and productivity, improve nutritional security and income support to farmers.
- Promote, developing and disseminating technologies for enhancing production and productivity.
- Assisting states in addressing the entire value chain, right from the stage of pre-production to the consumers table through appropriate interventions.
- Creating employment generation opportunities for skilled and unskilled persons, especially unemployed youth.
- Improving value addition and ensuring farmer's profitability increases.
- Making farming a viable business proposition.
- Improving the delivery and monitoring mechanism under RKVY-RAFTAAR funded projects.

Strategy

To achieve the above objectives, the scheme will adopt the following strategies:

- Companies to submit a Detailed Project Report (DPR), to States directly or SFAC for consideration of SLSC.
- Organize growers into Farmers Association/Groups in every project.
- Identify/select aggregators and enable tie-up with farmers/associations/groups.
- Coordinate with ICAR/SAUs/Private Sector to provide improved varieties of seeds/seedlings and to introduce innovative technologies as required.

- Addressing issues in the credit supply chain with support from NABARD.
- Measures for production and productivity enhancement by adopting improved cultivars, production technologies using precision farming techniques, protected cultivation, micro irrigation etc.
- Primary processing, sorting, grading, washing, packaging and value addition clusters.
- Logistics from farm to market including:
 - ☐ Post-Harvest Management, Storage and Transport infrastructure.
 - ☐ Aggregators for suitable tie ups in the supply-chain.
- Support to these groups to develop warehouses, cold chains, Controlled Atmosphere (CA).

Procedure for Approval and Implementation

Strategy and Roadmap

Companies will identify the regions and develop the project for integrated agriculture development. The strategy & road map formulated by companies should invariably contain information on geography & climate, potential of agriculture development, availability of land, SWOT analysis, and strategy for development and plan of action proposed to be taken to achieve goals in the identified region. The document should focus on adoption of cluster approach for production and linking with available infrastructure, or to be created, for post-harvest management, processing, marketing and export. Growers/farmers would also be entitled for assistance under all schemes of DAC & FW/other departments of Government of India so that these schemes can ensure appropriate synergy and convergence for maximum benefit in the field. Each DPR will also provide a Results Framework Document (RFD), giving clearly verifiable indicators for tracking the progress of the project during its life cycle.

Implementing Agencies

1. Small Farmers Agri-Business Consortium (SFAC).
2. State Government (Agriculture Department)/State level agencies.
3. Private sector partner.

Proposals can be either submitted directly to States or to SFAC at the national level. In either case, the NLA or State Government will examine the project proposal from the viewpoint of suitability to priorities and objectives of the State and the general framework of RKVY-RAFTAAR. If found suitable, the proposal will be forwarded to the SLSC chaired by Chief Secretary for consideration. Based on the approval of the SLSC, the project will be rolled out after an agreement has been signed between the State Government and Project Promoter.

All fund releases will be made directly by the State Government to the concerned private sector Project Promoter, based on satisfactory progress reports. Funding will be in the form of reimbursement of expenditures incurred by the Project Promoter on various approved budget heads, after these have been duly verified by the independent monitoring agency.

A baseline survey to determine the entry level situation and end-of-project survey will also be conducted by the independent monitoring agency to assess the impact of the project intervention. It will further furnish monthly, quarterly and annual progress reports to DAC&FW and the State and operationalize

Information Communication Technology (ICT) enabled Management Information System (MIS) up to grass root level and if need be develop and host its own website.

Scheme Components and Pattern of Assistance

The Scheme will cover all project components in all agriculture and allied sector areas. All farmer related services (i.e. not inputs or hardware) and other interventions leading to productivity enhancement will be supported fully. There will be a 50% limit on items (like farm machinery and irrigation infrastructure) which are to be provided on subsidy to farmers. However, there will be flexibility as far as the community based projects are concerned. For instance, 100 per cent subsidy can be obtained by FPOs for developing warehousing infrastructure under Rural Godown Scheme.

The scheme will be demand and need based in each segment. Technology will play an important role in different interventions. The interventions envisaged for achieving desired goals would be varied and regionally differentiated with focus on potential vegetable crops to be developed in clusters by deploying modern and hi-tech interventions and duly ensuring backward and forward linkages.

Performance based overhead costs will be given to the companies for meeting administrative expenses for executing the projects. The companies would have to submit Results Framework Document (RFD) for getting the project approved. If the company's performance is excellent, it can be entitled to maximum overheads of 8 per cent, similarly, if it is average, it would be entitled to overheads of 5 per cent. If the company's performance is poor, it would be only entitled to overheads of 2 per cent.

The release of funds would be done in a phased manner as per the approved project proposal. The entire project would be divided into five phases with a specific financial allocation for each phase. Amount pertaining each phase would be released during the beginning of each phase. For availing funds of the subsequent phase, the company would have to submit a detailed utilization certificate from the company auditor and interim project report of that phase.

Dispute Redress Mechanism

A standing mechanism to review projects sanctioned under PPPIAD and resolve disputes will be activated at the State level with the following composition:

- (a) Agriculture Production Commissioner or Principal Secretary, Agriculture – Chair
- (b) Commissioner/Director, Agriculture – Member Secretary
- (c) Representative of Private Sector Implementing Partner – Member
- (d) Representative of independent monitoring agency – Member

This DRM will be the forum to resolve any disputes which arise during the implementation of PPPIAD projects. If this committee is unable to resolve an issue, it will be referred to the SLSC chaired by Chief Secretary, in which all members of the DRM will be invited to participate. The decision of the SLSC in any matter will be final.

Disclaimer: PPP-IAD guidelines are subject to revision from time to time as per the policy directions from GOI.

Activities relating to Production stream which may be supported from Flexi funds of RKVY-RAFTAAR

The components / activities which would be eligible for project based assistance under RKVY-RAFTAAR are elaborated below. This is an illustrative list and the States may choose other components/activities, but ensure that they are reflected adequately in the SAP and the DAP.

- a) ***Integrated development of major food crops such as wheat, paddy, coarse cereals, minor millets, pulses, oilseeds:*** Assistance can be provided for making available certified/HYV seeds to farmers; production of breeder seed; purchase of breeder seed from institutions such as ICAR, public sector seed corporations, production of foundation seed; production and distribution of certified seed; seed treatment; Farmers Field Schools at demonstration sites; training of farmers etc. Similar support would be provided for development of other crops such as sugarcane, cotton or any other crop/variety that may be of importance to the state.
- b) ***Integrated development of fodder crops including perennial grasses, fodder , trees and shrubs:*** Assistance can be provided for making available certified/HYV fodder seeds to live stock rearers, production & purchase of breeder fodder seed from institutions such as ICAR and SAUs, public & private sector seed corporations, production of foundation fodder seed; production of certified foundation seed. Assistance can also be provided for forage production from Wasteland/Gauchar/Rangeland/grassland/non-arable land/Rivers basin, drainage line, degraded mining land, watershed catchments area/canal embankments/Forest fringe. Fodder demonstration for Livestock based farming system approach. Assistance extended to crops residue producers and crop residue collection, storage transportation for fodder to animals. Diversification of Agricultural crops to fodder crops Inter cropping of Fodder Crops in horticulture grove.
- c) ***Agriculture mechanization:*** Assistance can be provided to individual beneficiaries for farm mechanization efforts especially for improved and gender friendly tools, implements and machinery. However, assistance for large equipment e.g. tractor, combine harvester, sugarcane harvester, cotton picker etc. for which individual ownership may not be economically viable, assistance should only be limited for establishing custom hiring centres under RKVY (Infrastructure & Assets) stream.
- d) ***Activities related to enhancement of soil health:*** Assistance can be provided to the farmers for distributing soil health cards; micro nutrient demonstration; training of farmers for promotion of organic farming including printing of publicity/utility literature; amelioration of soils affected with conditions such as alkalinity and acidity.
- e) ***Development of rainfed farming systems in and outside watershed areas:*** Assistance for promoting integrated farming system (agriculture, horticulture, livestock, fisheries etc.) generating livelihoods for farmers Below the Poverty Line (BPL).
- f) ***Integrated Pest Management schemes:*** This would include training of farmers through Farm Field Schools etc. on pest management practices; printing of literature/ other awareness programmes.
- g) ***Promoting Extension Services:*** This would include new initiatives/support ongoing initiatives for skill development, training & extension activities under Sub- Mission on Agriculture Extension (SMAE) initiatives – both in terms of more coverage and enhanced outreach, preferably those of

small & marginal farmers through-

- (i) Skill Development for imparting skill based training of rural youths of more than 200 hours duration.
- (ii) Complement and supplementing ongoing Training & Extension activities of SAME, especially under ATMA.
- (iii) The support would help revamp the existing State agricultural extension systems.

Activities relating to enhancement of horticultural production: Assistance will be available for nursery development and other horticulture activities, pollination support through bee keeping and establishment of new garden (Area expansion) for fruits, vegetables, flower, mushroom, spices, aromatic plants and plantation crops etc.

- h) **Animal husbandry and fisheries development activities:** Assistance will be available for improvement in fodder production, genetic up-gradation of cattle and buffaloes, enhancement of milk production, enlarging raw material base for leather industry, poultry development, development of small ruminants and enhanced fish production, Improvement in livestock health (Sub-component- Foot and Mouth Disease Control programme, Vaccination and surveillance against PPR, Brucellosis and other economically important disease of livestock and poultry, Training of Vets and Para-vets, Awareness and Animal Health Camps, Surveillance under Antimicrobial Resistance (AMR) and one Health approach for zoonotic disease).
- i) **Study tours of farmers:** Study tours of farmers within the country especially to research institutions. Model farms etc.
- j) **Organic and bio-fertilizers:** Support for decentralized production at the village level and their marketing, etc. This will include vermicomposting and introduction of superior technologies for better production.
- k) **Sericulture:** Sericulture upto the stage of cocoon production along with extension system for cocoon and silk yarn production and marketing.

The above list is not exhaustive. Therefore, schemes that are important for agriculture and allied sector development, but cannot be categorized under (a) to (k) can also be proposed under this stream.

However, projects for creation/strengthening of infrastructure & assets should be funded under RKVY – RAFTAAR (Infrastructure & assets) stream.

**ILLUSTRATIVE LIST OF PROJECTS/ACTIVITIES THAT SHOULD NOT BE FUNDED
UNDER RKVY-RAFTAAR**

1. Creation/topping up of any kind of revolving fund / corpus fund ;
2. Expenditure towards maintenance of assets or any such recurring expenses;
3. Expenses towards Salary, Transport, Travelling Allowances (TA), Daily Allowances (DA) of permanent /semi-permanent employees. However, expenses towards hiring of manpower on outsourcing/contractual basis can be met within 2% allocation earmarked for administrative expenses with approval of SLSC.
4. Expenses towards POL (Petrol, Oil, Lubricants);
5. Financing State's share and/or topping up subsidy level in respect with other Central/State Schemes;
6. Foreign Visits/Tours including study tours of farmers abroad;
7. Purchase of vehicles;
8. Financing any kind of debt waiver, interest subvention, payment of insurance premium, compensation to farmers and calamity relief expenditure; additional bonus over & above Minimum Support Price (MSP);
9. Creating/Strengthening assets in Private Sector/NGO's beyond what is permissible under any schemes/programmes of Govt. of India.

Detailed Project Report**FORMAT**

- i. **Context/Background:** This section should provide a general description of the scheme/project being posed for appraisal.
- ii. **Problems to be addressed:** This section should describe the problem to be addressed through the project/scheme at the local/regional/national level. Evidence regarding the nature and magnitude of the problems should be presented, supported by baseline data/survey/reports etc.
- iii. **Aims and Objectives:** This section should indicate the development objectives proposed to be achieved, ranked in order of importance. The outputs/deliverables expected for each development objective should be spelt out clearly.
- iv. **Strategy:** This section should present an analysis of alternative strategies available to achieve the development objectives. Reasons for selecting the proposed strategy should be brought out. Basis for prioritization of locations should be indicated (wherever relevant). This section should also provide a description of the ongoing initiatives, and the manner in which duplication can be avoided and synergy created with the proposed project.
- v. **Target Beneficiaries:** There should be a clear identification of target beneficiaries. Stakeholder analysis should be undertaken, including consultation with stakeholders at the time of scheme/project formulation. Impact of the project on weaker sections of society, positive or negative, should be assessed and remedial steps suggested in case of any adverse impact.
- vi. **Management:** Responsibilities of different agencies for project management of scheme implementation should be elaborated. The organization structure at various levels, human resource requirements, as well as monitoring arrangements should be clearly spelt out.
- vii. **Finance:** This section should focus on the cost estimates, budget for the scheme/project, means of financing and phasing of expenditure. Options for cost sharing and cost recovery (user charges) should be explored. Issues relating to project sustainability, including stakeholder commitment, operation-maintenance of assets after project completion and other related issues should also be addressed in this section.
- viii. **Time Frame:** This section should indicate the proposed zero date for commencement and also provide a PERT/CPM chart, wherever relevant.
- ix. **Cost Benefit Analysis:** Financial and economic cost-benefit analysis of the project should be undertaken wherever such returns are quantifiable. Such an analysis should generally be possible for infrastructure projects, but may not always be feasible for public goods and social sector projects.
- x. **Risk Analysis:** This section should focus on identification and assessment of risks in implementation and how these are proposed to be mitigated. Risk analysis could include legal/contractual risks, environmental risks, revenue risks, project management risks, regulatory risks, etc.
- xi. **Outcomes:** Criteria to assess success and whether or not the development objectives have been achieved should be spelt out in measurable terms. Base-line data should be available against which success of the project will be assessed at the end of the project (impact assessment). Success criterion for scheme deliverables/outcomes should also be specified in measurable terms to assess achievement against proximate goals.
- xii. **Evaluation:** Evaluation arrangements for the project, whether concurrent, mid-term or post-project should be clearly spelt out. It may be noted that continuation of schemes from one period to another will not be permissible without a third-party evaluation.

Last but not the least, a self-contained **Executive Summary** should be placed at the beginning of the document.

Composition of State Level Sanctioning Committee (SLSC)

Chief Secretary	-	Chairman
Agri. Prod. Commissioner /Principal Secretary (Agriculture)	-	Vice-Chairman
Secretary, Finance	-	Member
Secretary, Planning	-	Member
Secretary, Fisheries	-	Member
Secretary, Animal Husbandry	-	Member
Secretary, Environment and Forests	-	Member
Secretary, Panchayati Raj	-	Member
Secretary, Rural Development	-	Member
Secretary, Water Resources/Irrigation/Minor Irrigation	-	Member
Director, Agriculture	-	Member
Director, Horticulture	-	Member
Director, Animal Husbandry	-	Member
Director, Fisheries	-	Member
Representative of Department of Agriculture, Cooperation & Farmers Welfare, Govt. of India (Officer not below the rank of Joint Secretary)	-	Member
Representatives of Departments of Animal Husbandry, Dairying & Fisheries, Govt. of India (Officer not below the rank of Joint Secretary)	-	Member
Representative of State Agriculture University	-	Member
Representative of Planning Commission	-	Member
Secretary, Agriculture	-	Member-Secretary

Note:

1. SLSC may co-opt two more members from Agricultural Research Organizations, reputed NGOs working in the field of Agriculture, Deputy Commissioners of important districts, and leading farmers.
2. The quorum for the SLSC meeting would not be complete without the presence of at least one representative from the Government of India.

Form of Utilization Certificate

Sl. No.	Letter No. and date	Amount
	Total	

Certified that out of Rs. _____ of grants-in-aid sanctioned during the year _____ in favour of _____ under this Ministry/Department Letter No. _____ given in the margin and Rs. _____ on account of unspent balance of the previous year, a sum of Rs. _____ has been utilized for the purpose of _____ for which it was sanctioned and that the balance of Rs. _____ remaining unutilized at the end of the year has been surrendered to Government (vide No. _____, dated _____)/will be adjusted towards the grants-in-aid payable during the next year _____.

2. The Utilization Certificate should also disclose whether the specified, quantified and qualitative targets that should have been reached against the amount utilized, were in fact reached, and if not, the reasons thereof. They should contain an output-based performance assessment instead of input-based performance assessment.

3. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

- 1.
- 2.
- 3.
- 4.
- 5.

Signature_____

Designation_____

Date_____

Note:

- (i) Component -wise UCs may be furnished for General, SCSP, & TSP separately for Normal RKVY-RAFTAAR and each of the Sub-schemes.
- (ii) Sanction No. and date of sanction for release of State share fund should be mentioned in UC.

Format for summary of projects approved by SLSC**Ongoing projects****Sector Name:**

Sl. No.	Name of Project	Sanctioned SLSC No./ Date	Total Cost	Phasing of expenditure (Year-wise)			Fund received so far	Fund sought in C.F.Y.	Targets			Achievements		Remarks (if any)
									Physical	Financial	Cost/Unit	Physical	Financial	
Total														

New projects**Sector Name:**

Sl. No.	Name of Project	Total Cost	Phasing of expenditure (Year-wise)			Fund sought in C.F.Y.	Targets			Remarks (if any)
							Physical	Financial	Cost/Unit	
Total										

Recommended activity mapping for effective devolution of funds, functions and functionaries to Panchayati Raj Institutions (P RIs)

RKVY-RAFTAAR FUNCTIONS MAP

Si. No.	ACTIVITY DESCRIPTION		State Government	District Planning Committee (DPC)	LOCAL GOVERNMENTS AND PLANNING BODIES			User groups. SHGs. Etc.
	Activity Category	Union Government			Panchayati Raj System/Institutions			
					District Panchayat	Intermediate Panchayat	Village Panchayat	
1.	Setting Standards	DAC & FW: Issue of guidelines for implementation of RKVY-	Issue/translation of guidelines in local language.					
2.	Planning	DAC & FW and Planning Commission: To provide framework for preparation of SAP.	Preparation of SAP by integrating the District Agriculture Plans (DAPs)	Will be associated in the formulation of DAP taking into account location specific agro-climatic conditions, natural resources etc.	Districts Agriculture Planning Unit (DAPU) may be actively associated in formulation of Comprehensive District Agriculture Plans	Block/Taluka Agriculture Planning Unit (BAPU/TAPU) may be associated in providing inputs for DAP.	Village Agriculture Planning Unit (VAPU) may be associated in identifying clusters/selection of beneficiaries.	
3.	Implementation of Projects (Crop, Development Horticulture, Micro Mini irrigation, Animal Husbandry, Sericulture etc. as per sectors taken up	DAC & FW: Release of funds to State	Release of funds to implementing Departments/ Agencies.	priorities projects based on availability of funds	Will be associated in selection of site/ location of projects in consultation with implementing agencies.	Will be associated in selection of locations/villages implementation agencies	Will be associated in selection of beneficiaries based on cluster approach (however, there should not be any repeat beneficiary year after year in RKVY-RAFTAAR).	Priority should be given to SC/ST, Women and weaker section of the society.

4.	Monitoring & Evaluation of Projects	Impact Evaluation	Concurrent Evaluation	Concurrent Evaluation	Quarterly review meetings for monitoring progress of RKVY-RAFTAAR projects in district, providing feedback for policy formulation and planning.	Monitoring progress of RKVY-RAFTAAR interventions and providing feedback for DAPs.	Social audit shall be done at Gram Sabha level.	
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DAC & FW: Dept. of Agriculture, Cooperation & Farmers Welfare, DAP- District Agriculture Plan, SAP- State Agriculture Plan, SHG- Self Help Group

RKVY-RAFTAAR FINANCE MAP

Sl. No.	Scheme sub component /funding stream	Allocation (Rs. Cr.)	Percentage	Level to which mapped, based on activity mapping of function (% of allocation)				Remarks
				Centre	State	Local Government		User group/civil society
						Intermediate Panchayat	Village Panchayat	

Sectoral and district –wise allocation of projects under RKVY-RAFTAAR shall be done by the States. State may devolve funds to Panchayat bodies as per projects allocated for implementation.



नरेन्द्र सिंह तोमर
NARENDRA SINGH TOMAR



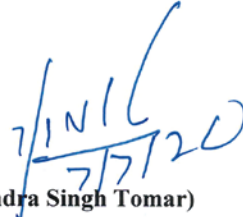
कृषि एवं किसान कल्याण,
ग्रामीण विकास और पंचायती राज मंत्री
भारत सरकार
कृषि भवन, नई दिल्ली
MINISTER OF AGRICULTURE & FARMERS WELFARE,
RURAL DEVELOPMENT AND PANCHAYATI RAJ
GOVERNMENT OF INDIA
KRISHI BHAWAN, NEW DELHI

MESSAGE

Agricultural land holding in the country is dominated by small and marginal farmers with average size of less than 1 hectare. These Small and Marginal Farmers (SMFs) face some challenges both in production and post-production stages like access to production technology, quality inputs at reasonable prices, credit, custom hiring, seed production, value addition, processing, investments and most importantly market access.

Collectivization of such small and marginal farmers to form their organizations as Farmer Producer Organizations (FPOs) has been recognized as the most effective and appropriate institutional mechanism to reduce cost of production, increase per unit productivity and facilitate better market linkages so as to enhance their net income. This will not only help in augmenting income of the farmers but also considerably improve rural economy and create job opportunities for rural youths in villages itself.

Realizing the significance of FPOs, Government had announced in Union Budget formation of 10,000 new FPOs by 2023-24. I hope this dedicated new Central Sector Scheme "Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs)" will serve its objective fully and farm economy will get further boost.


(Narender Singh Tomar)

परशोत्तम रूपाला
PARSHOTTAM RUPALA



राज्य मंत्री
कृषि एवं किसान कल्याण
भारत सरकार
Minister of State For
Agriculture & Farmers Welfare
Government of India
D.O. No.....MOS(A&FW)/VIP/2019-20/

FOREWARD

Over the years, farm holding size has reduced, which makes it difficult to adopt farm mechanization and apply the scientific practices of production. Further, these small holding farmers face challenge and difficulty in accessing the market and realise remunerative prices for their produce.

In order to address such constraints of small farm holders in production and marketing, collectivization of these farmers to leverage economy of scale through formation of their group/association leading to formation of in the form of Farmer Producer Organization (FPO), is a trajectory to achieve the target of doubling the farmers' income.

I appreciate the department for bringing out a dedicated Central Sector Scheme "Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs)". I hope that this Operational Guidelines will help all stakeholders to draw the benefit from the Scheme.

(Parshottam Rupala)

Dated: the 7th July, 2020.

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कैलाश चौधरी
KAILASH CHOUDHARY



कृषि एवं किसान कल्याण
राज्य मंत्री
भारत सरकार
MINISTER OF STATE FOR AGRICULTURE
& FARMERS WELFARE
GOVERNMENT OF INDIA

FOREWARD

Our small and marginal farmers face challenges both in production and post-production stages in terms of access to production technology, credit and market linkages etc.

Over the years, it is felt that collectivization of such farmers to form their organizations as Farmer Producer Organizations (FPOs) is critical to reduce cost of production and facilitate better market linkages so as to enhance their net income.

I hope launching of this Central Sector Scheme "Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs)" will help small and marginal farmers to form FPOs on sustainable basis.

(Kailash Choudhary)

Dated: the 7th July, 2020



भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि सहकारिता एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation
& Farmers Welfare



PREFACE

Government of India realizing indispensable role of collectivization of farmers particularly small and marginal farmers into their groups to leverage the economies of scale in production and marketing, Department of Agriculture, Cooperation & Farmers' Welfare (DAC&FW), Ministry of Agriculture & Farmers' Welfare (MoA&FW), launched a pilot programme for promoting Farmer Producer Organizations (FPOs) during 2011-12 itself under two sub-schemes of the Rashtriya Krishi Vikas Yojana (RKVY), namely the National Vegetable Initiative for Urban Clusters and the Programme for Pulses Development for 60,000 rain-fed villages. The initiative got real momentum after Department issued a national policy and process guidelines for FPOs in 2013.

However, FPOs continue to face challenges like lack of market access & credit linkages, inadequate financial support and lack of managerial skill etc. To address these challenges, Department has formulated a dedicated central sector scheme "Formation and Promotion of 10,000 Farmer Producer Organizations (hereinafter "FPOs") for implementation across the country. Under the scheme, FPOs can be registered either under Part IXA of Companies Act, 1956 (as made applicable by Section 465(1) of Companies Act, 2013), or Under Cooperative Societies Act of the States and handholding is to be done for five years by professionally managed and run 'Cluster - Based Business Organizations (CBBOs). Issues of marketing and institutional credit linkages have also been addressed. In addition, provision has been made for assistance to existing FPOs as well as to promote formation of FPOs by Agri-Value Chain organization/ Industry.

I am confident that this scheme will meet the need and aspirations of FPOs and create a supportive ecosystem for them; and thus FPOs will be viable and economically sustainable.


(Sanjay Agarwal)

Dated: the 7th July, 2020

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1.0 Aims and Objectives of the Scheme

- 1.1 To provide holistic and broad based supportive ecosystem to form new 10,000 FPOs to facilitate development of vibrant and sustainable income oriented farming and for overall socio-economic development and wellbeing of agrarian communities.
- 1.2 To enhance productivity through efficient, cost-effective and sustainable resource use and realize higher returns through better liquidity and market linkages for their produce and become sustainable through collective action.
- 1.3 To provide handholding and support to new FPOs up to 5 years from the year of creation in all aspects of management of FPO, inputs, production, processing and value addition, market linkages, credit linkages and use of technology etc.
- 1.4 To provide effective capacity building to FPOs to develop agriculture-entrepreneurship skills to become economically viable and self-sustaining beyond the period of support from government.

2.0 Farmer Producer Organization (FPO)

FPO is a generic name, which means and includes farmer- producers' organization incorporated/ registered either under Part IXA of Companies Act or under Co-operative Societies Act of the concerned States and formed for the purpose of leveraging collectives through economies of scale in production and marketing of agricultural and allied sector. However, FPOs registered under Co- operative Societies Act of the State (including Mutually Aided or Self-reliant Cooperative Societies Act by whatever name it is called) for the purpose of this Scheme, is to be insulated from all kinds of interference including in election process and day today management through suitable provisioning in their Memorandum of Association and Bye-laws with a view to encourage healthy growth and development of FPO. However, Bye-laws of these FPOs will be in consistent with the Cooperative Societies Act of respective States.

3.0 Broad Services and Activities to be undertaken by FPOs

The FPOs may provide and undertake following relevant major services and activities for their development as may be necessary:-

- (i) Supply quality production inputs like seed, fertilizer, pesticides and such other inputs at reasonably lower wholesale rates.
- (ii) Make available need based production and post-production machinery and equipment like cultivator, tiller, sprinkler set, combine harvester and such other machinery and equipment on custom hiring basis for members to reduce the per unit production cost.
- (iii) Make available value addition like cleaning, assaying, sorting, grading, packing and also farm level processing facilities at user charge basis on reasonably cheaper rate. Storage and transportation facilities may also be made available.
- (iv) Undertake higher income generating activities like seed production, bee keeping, mushroom cultivation etc.
- (v) Undertake aggregation of smaller lots of farmer-members' produce; add value to make them more marketable.
- (vi) Facilitate market information about the produce for judicious decision in production and marketing.
- (vii) Facilitate logistics services such as storage, transportation, loading/unloading etc. on shared cost basis.
- (viii) Market the aggregated produce with better negotiation strength to the buyers and in the marketing channels offering better and remunerative prices.

❖ **A Business Plan Linked development in both medium and long-term will be the hallmark of strong business growth for FPO.**

4.0 Strategy for Formation of FPO and Identification of Cluster Area

- 4.1 Formation and promotion of FPO is based on Produce Cluster Area, which is broadly defined as:

“Produce Cluster Area” for purpose of FPO formation and management herein means a geographical area wherein agricultural and allied produce such as horticultural produce of similar or of almost similar nature is grown / cultivated; therefore, an FPO can be formed for leveraging economies of scale in production and marketing. This will also cover Organic Produce and Natural Farming.

- 4.2 Produce cluster area is to be identified with the input of District Level Monitoring Committee (D-MC), State Level Consultative Committee (SLCC), other Ministries/Departments of Government of India and the States as well as with recommendations of Implementing Agencies with input from Cluster- Based Business Organization (CBBO) and suggestions of relevant Government of India Organizations.
- 4.3 CBBOs will undertake Feasibility Study in assigned clusters which will include the following:
- (i) **Diagnostic study including Baseline survey** to find out produce and socio- cultural similarity, existing gap and potential activity, interventions in terms of infrastructure, services, etc. required in the value chain of agricultural and horticultural produce including post-harvest management and marketing. Baseline survey should also identify current situation of farming, small, marginal and landless farmers for aggregation, to identify minimum geographical area for potential interventions etc.
 - (ii) **Prospective Business Plan** in order to establish a fit case for formation of an economically sustainable FPO.
- 4.4 FPO with a minimum farmer-members’ size of 300 shall be eligible under the scheme in plains, while in North-Eastern and Hilly areas* (including such other areas of UTs), size of 100 shall be eligible. Farmer-members cohesively located with almost same interest are to be mobilized to form a group of 15-

20 Members, calling the group as Farmer Interest Group (FIG) or Self Help Group (SHG), Farmers Club (FC), Joint Liability Group (JLG), Rythu Mitra Group. Such 20 or more groups from a produce cluster area or a village/ cluster of neighboring villages based on certain commonalities are to be put together to form an FPO with a minimum farmer-members size of 300 to be eligible under this scheme in plains while in Hilly and North Eastern regions, 7-8 are to be put together to form an FPO with a minimum farmer-members size of 100. It may provide special focus to include small, marginal and women farmers/women SHGs, SC/ST farmers and other economically weaker categories etc. as members to make FPOs more effective and inclusive.

** - Hilly area means area at a height of 1000 metre or above MSL*

- 4.5 However, efforts will be made to achieve an average membership size of 500 farmers in plain areas and 200 farmers in Hilly and North-Eastern regions to make them sizable for economic sustainability and profitability. Based on experience/ need, Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW) may revise the minimum membership norm per FPO, with the approval of Union Agriculture Minister. Efforts will be made to form on an average two FPOs in at least each of potential 5,000 blocks out of existing about 7,000 blocks. However, efforts will be made to cover all blocks in the country.
- 4.6 The FPOs can federate at district level and State level based on their need of processing, branding and marketing of produce/trading of commodities, which are essential for scaling up for survivability and growth in an era of competition.

Based on their need, success and product, they can federate at the National level also to promote packaging/branding and domestic/international trading of quality produce. Such Federation may avail advisory of National Project Management Agency (NPMA) as well as will be eligible for Credit Guarantee facility under the Scheme to strengthen their activities relating to setting up of infrastructure and supply chain for value addition and marketing.

- 4.7 While adopting cluster-based approach for produce or produce mix, formation of FPOs will also focus on “One District One Product” approach for development of product specialization, in case the focused agriculture produce has been declared for that district, whereby FPOs will be encouraged for promoting processing, branding, marketing and export of the product for better value realization. There may be more than one cluster for one product in one district and a cluster also may extend beyond a district. However, to be an FPO economically sustainable and diversify risk & enhance returns, the FPO will also have additional product and service mix; so that there are enough activities and engagements with the members throughout the year. Furthermore, FPOs can federate at district level, State level & National level for the product identified as per their requirement of processing, branding and marketing.
- 4.8 Concerted efforts will be made to prioritize formation of FPOs in aspirational districts through intense awareness programmes and making FPOs economically sustainable through adequate support, handholding, training & skill development. However, intensive efforts will be made to form & promote at least 15% of the total targeted 10,000 FPOs (i.e. 1,500 FPOs) in next 5 years in aspirational districts with at least one FPO in each block of aspirational districts of the country for their development. In order to promote the forest and minor forest produce by the tribal communities, intensive efforts will be made by the implementing agencies to prioritize formation and promotion of FPOs in the notified tribal areas in the country. The benefits of quality input, technology, credit and value addition and processing as well as better market access should reach the tribal community and North-East Region through the Scheme in co-operation with Tribal Affairs Ministry, DONER and North Eastern Council (NEC).
- 4.9 Existing FPOs will also be allowed to avail relevant benefits, if not earlier availed in any scheme of Government of India, such as Credit Guarantee Fund and advisory services from National Project Management Agency (NPMA) under the Scheme. The FPOs which are already registered but

have not been provided funds under any other schemes and have not yet started operation will also be covered under the Scheme.

5.0 National Project Management Agency (NPMA)

5.1 At national level, a National Project Management Agency (NPMA) will be set up by SFAC through transparent manner for providing overall project guidance, data maintenance through integrated portal and information management and monitoring. The NPMA will be equipped with the technical team with five categories of specialisation in Agriculture / Horticulture, Marketing and Processing, Incubation Service Provider, IT/MIS and Law & Accounting to provide overall guidance at all India level.

5.2 Criteria for Identification of NPMA:

The NPMA will be expected to provide hand holding support and mentoring support to CBBOs, and need to have extensive experience in performing strategic roles, preferably in the agricultural domain at the national and state level. SFAC may, while formulating the criteria for selection of NPMA, take into account the appropriate qualifications and experience of requisite experts, relevant experience of organization/entity in guiding both companies and co- operative organizations as reasonably required for discharge of role envisaged for NPMA under the Scheme including the minimum net worth for suitability. The strength and experience may include strategic inputs around organizational management, processing, value addition, marketing & market linkage in agriculture/horticulture, accounting & auditing, compliance issues, ICT & MIS experience, incubation services and providing project management support to central and state governments, transaction and post transaction management support, and qualification of experts proposed for the work. The period of engagement of NPMA is to be decided suitably.

5.3 Duties and Responsibilities of NPMA :

The role of the NPMA shall, *inter alia*, include those given as under-

- **Drawing contours of the program including structuring of clusters:-**

NPMA would start the assignment by chalking out program with detailed SOPs for each stakeholder in the value chain. Identification of target value chains required would be steppingstone for development of the road map. Once the value chains are established, it defines clusters to be chosen for FPO formation. Here, NPMA would draft out detailed SOP for CBBO for further action. Value chain analysis would also identify both forward/backward linkage mechanism.

- **Transaction Advisory for selection of CBBOs:-**

NPMA would provide Transaction Advisory services to Implementing Agencies (those who seek their support) for selection of CBBOs. After preparation of action plan for project execution, NPMA may assist Implementation Agencies in carrying out transaction for engagement of CBBOs for said clusters. Alternately, Implementing Agencies may carry out the selection process on their own. Such step requires delineating detailed scope, team requirement with relevant qualifications & experience.

- **Post transaction support for effective project/programme implementation:-** After selecting CBBOs as per the requirements, NPMA will be responsible to support SFAC, NCDC & NABARD and other Implementing Agencies including State nominated Implementing Agencies in effective implementation and monitoring of the project execution. Key Performance Indicators (KPIs) based monitoring of CBBOs would be conducted regularly by NPMA. NPMA in turn will appraise N-PMAFSC regarding the performance of CBBOs, formation of FPOs, handholding support provided by CBBOs etc. through detailed MIS submitted on monthly basis for which ICT based MIS Integrated Portal will also be developed. Further, NPMA may also handhold CBBOs in effective delivery of the project. NPMA should work in tandem with CBBOs and Professional Agencies, if any, and ensure that adequate support is extended to States of North-East and hilly regions to offset deficiency in specialized manpower and expertise available in such areas including even extending support directly to FPOs/Federation

of FPOs for their promotion wherever required. It will assist DAC&FW in formation and promotion of FPOs in the State(s) where there are unavailability of experts. It will also provide suitable professional advisory to existing FPOs who approach for advice. It may also provide professional advisory to new FPOs being promoted by Value Chain Organisations under the Scheme when required.

- **Assist in structured interface with stakeholders like Ministries, Financial Institutions, Training and Research & Development Institutions:-**

- (i) NPMA is desired to bring in specific capabilities into the system. NPMA may also act as extended arm with specific output to N-PMAFSC while interacting with various stakeholders like Central/State Departments, Financial Institutions, Training, Research & Development Institutions or such forum at large. NPMA would help N-PMAFSC to structure the approach, create outreach materials, organize and structure discussions & partnerships etc.
- (ii) To function as National level data repository and will maintain the integrated portal, serving as national platform for FPOs, which will not only cater to meet the data needs(MIS), but will also a function as digital platform for maintaining membership, activities, business growth and annual accounts of FPOs. It will provide requisite data and analysis to DAC&FW, N-PMAFSC and DMI as may be required from time to time.

- **Support in formulation of programme & policy directions:-**

N-PMAFSC will create knowledge for FPO formation and bring out programmatic & policy suggestions/ directions. NPMA will assist in formulation of such suggestions, churned out from the project's learning; which has capability of adding value to agri-business overall.

- **Policy orientation and related advocacy at National and State level:-**

NPMA will assist in facilitating and identifying National and State level institutes in the field of Agribusiness. There is need to partner with such stakeholders for effective project implementation. NPMA shall assist in linking/undertaking MoUs with these institutions for long term engagement and development of FPOs. Also, NPMA will assist in such advocacy among stakeholders.

6.0 Implementing Agencies

- 6.1 In order to form and promote FPOs in uniform and effective manner so as to achieve the target of formation of 10,000 new FPOs in 5 years and to make the FPOs economically sustainable, three Implementing Agencies, namely, SFAC, NCDC and NABARD, shall be responsible to form and promote FPOs.
 - 6.1.1 SFAC will form and promote those FPOs to be incorporated under Part IX A of Companies Act.
 - 6.1.2 NCDC will form and promote those FPOs to be registered under any Co-operative Societies Act of the States.
 - 6.1.3 NABARD will form and promote those FPOs which are registered either under Part IX A of Companies Act or registered under any Co-operative Societies Act of States.
- 6.2 In addition to afore-stated three implementing agencies, if any State/ Union Territory is desirous to have its own implementing agency, State/ UT may approach DAC & FW with details about the State/UT, its agency, activities and experience of the agency etc., and DAC & FW will consider the proposal on experiences and existing manpower required for formation and promotion of FPOs in the region.
- 6.3 DAC&FW may, in due course, identify and assign other additional Implementing Agencies to cover various sectors and geographical locations to form 10,000 FPOs as per the need of the programme.
- 6.4 The Initial Implementing Agencies as well as the State level or any other Implementing Agencies approved by DAC&FW shall also be supported.

6.5 Year-wise indicative target for Implementing Agencies- Considering the Implementing Agencies' existence in the States/Regions/Districts/Produce Clusters, their human resource and also their area of specialization, targets are to be tentatively allocated by Project Management Advisory and Fund Sanctioning Committee (N-PMAFSC) in consultation with the Implementing Agencies. In such case, the targets may be interchangeable on requirement basis.

6.6 Duties and Responsibilities of Implementing Agencies:

- (i) Implementing Agencies will closely and cohesively work CBBOs to ensure that CBBOs perform their activities to make FPOs economically sustainable.
- (ii) Implementing Agencies will also monitor CBBOs to ensure regular data entry on integrated portal with respect to details of respective FPOs.
- (iii) Implementing Agencies can operate through their MIS portal till Integrated Portal is put in place to ensure uniformity of database on FPO. Once national level Integrated Portal managed through National Project Management Agency (NPMA) is put in place, Implementing Agencies will have to ensure interoperability with Integrated Portal to ensure smooth data transfer and operate in coordination with Integrated Portal design and requirement.
- (iv) NABARD and NCDC will maintain and manage Credit Guarantee Fund (CGF) as per the established procedure.
- (v) Implementing Agencies in consultation with DAC&FW will formulate rating tools for FPOs to assess them in terms of level of activity, economic viability and sustainability, etc. The rating of the FPOs can be used as an instrument to promote FPOs.
- (vi) Implementing Agencies will prepare Annual Action Plan and submit to DAC&FW in advance for consideration of Project Management Advisory and Fund Sanctioning Committee (N-PMAFSC) along with prescribed Utilization Certificate.

- (vii) As assigned by DAC&FW/N-PMAFSC, Implementing Agency will coordinate with concerned Value-Chain Organization(s) regarding stages of formation and promotion of FPOs by those organizations along with FPO management cost & utilization of previous amount along with documentary proof from time to time as well as requirement of Equity Grant for channelizing their claim to N-PMAFSC for payment.
- (viii) Other Implementing agencies may create with prior approval of DAC&FW, if and when required, their monitoring and data management units for FPOs to manage the growing volume of FPOs and their activities but will coordinate with NPMA to provide all requisite input, as national level data repository.

7.0 Cluster- Based Business Organizations (CBBOs)

7.1 Implementing Agencies will set up Cluster- Based Business Organizations (CBBOs) at the State/Cluster level to form and promote FPOs as per their requirements; however, targets for produce clusters, full or part of the State or region will be allocated by Project Management Advisory and Fund Sanctioning Committee (N-PMAFSC). The Implementing Agencies will apply due diligence to ensure that professionally competent CBBOs are transparently engaged & have experience in promotion and professional supports to FPOs.

- a) In a State, based on geography, produce clusters, cropping pattern, etc., there may be one or more than one CBBO. Even one CBBO may serve more than one State as per requirement. However, CBBOs should be given work according to available human resources with them, their past turnover and work experience etc.
- b) The CBBOs should be going concern with professional experience and exposure in formation of FPOs in agriculture and allied sector and providing handholding support to them.
- c) The CBBOs should be supported with five categories of specialists from the domain of (i) Crop husbandry; (ii) Agri. marketing / Value addition

and processing; (iii) Social mobilization; (iv) Law & Accounts; and (v) IT/ MIS in agriculture & agriculture marketing. The CBBOs with requisite number of other technical and supporting staff to be housed/operated from their own offices in respective States or from offices of respective Implementing Agencies, which have selected them.

7.2 Criteria for Identification of CBBOs:

- a) The professional organization to be identified to function as CBBOs will be selected following a transparent method and the organization may be required to demonstrate such technical strength as is reasonably required for discharging its role envisaged under the Scheme.
- b) A Committee under Chairmanship of MD, SFAC with representatives of Chairman, NABARD and MD, NCDC will consider and recommend the criteria for eligibility and qualification and other minimum requirements to select the CBBOs. The Committee may consider minimum requisite qualification and experience of requisite experts of CBBO, area of expertise & minimum experience as well as net worth of organization to be selected as CBBO. Finalization of criteria for selection will be with approval of DAC&FW.
- c) Implementing agencies, if required, may seek the support of NPMA for assistance in the selection process.
- d) Each Implementing Agency will then draw up the list of empaneled CBBOs for engagement by them in any cluster as may be necessary.
- e) The initial engagement of CBBOs will be for a period of maximum three years for the purpose of formation of new FPOs (for which they will continue handholding for entire relevant five years for each concerned FPO as provided in the Scheme). In case the performance of the CBBO is found satisfactory by Implementing Agency, their term may be extended appropriately.
- f) Implementing Agency will review the performance of CBBOs from time to time for their continuation or otherwise to ensure that CBBOs perform efficiently in formation and promotion of FPOs.

- g) Interested State and Central Government Agriculture Universities and KVKs promoting FPOs may be empanelled as CBBOs as may be relevant in consultation with N-PMAFSC on nomination basis.
- h) Subordinate and attached organisations of DAC&FW may be co-opted on operational need based in consultation with N-PMAFSC on nomination basis.

7.3 Duties and Responsibilities of CBBOs:

- a) Assist in the implementation of the programme as suggested by the NPMA and as per Scheme guidelines.
- b) Assist Implementing Agency in cluster identification.
- c) Assist in community mobilization - baseline survey, cluster finalization, value chain study, formation of groups and FPO and assist in their periodic meetings. They may seek the assistance of Local Bodies, wherever feasible in identification of proper produce cluster and mobilization of members.
- d) Registration of FPOs and Training of BODs on roles, responsibilities, management and also capital/ equity mobilization.
- e) Training and capacity buildings of FPOs/farmer groups- Training needs identification, develop training modules, conduct basic training workshops and exposure visits.
- f) Encourage and promote social cohesiveness amongst members of FPOs.
- g) Preparation and execution of Business Plans for long-term sustainability of FPO- Business plan preparation (for different incubation services), acquiring land, mobilizing equity capital and implementation of Business Plan while assisting in input management, adoption of proper and good agricultural practices through knowledge sharing, aggregation of produce, quality management, assaying, processing, packaging,

supply chain development and marketing and market linkages with buyers/processors/exporters, trading, export etc as may be necessary to ensure long-term sustainability of FPOs.

- h) Assist in regular interface with stakeholders like various Government Departments, Financial Institutions, Training, Research and Development Institutions at the cluster level.
- i) Assist FPO in availing Equity Grant and Credit Guarantee Facility as per need and growth.
- j) Incubation/handholding services for sustainability - Provide support and monitoring in terms of incubation activities; capacity building of BODs and FPO management for sustainability. The incubation/handholding services include ensuring input, market linkages, preparing and implementing related business plans.
- k) Facilitate establishment of necessary common pool production, marketing and processing infrastructure facility by the FPO, as may be necessary, to develop the business for long-term viability.
- l) Facilitating traceability, compliance and global market connectivity. m) Review and monitoring of the field team during implementation as per desired outcomes.
- n) Assist in communication and dissemination of information to farmers by way of market and crop advisory.
- o) Progress report on all specified target activities to be submitted periodically to the NPMA.
- p) Ensuring programme/project targets are met.
- q) Assist in compliance issues of FPO including their capacity building in the subject.
- r) Assist NPMA and Implementing Agency in data collection and generating MIS reports/information in the required data sheets.

- s) Assist Implementing Agency and NPMA in rating of FPOs as may be necessary.
- t) Assist in federating FPOs when necessary for business growth and expansion.
- u) Assist FPO in proper financial management and utilization of fund and accounting and timely submission of returns and certificates.
- v) Any other activity related to implementation, management and monitoring of the project.
- w) An advisory body consisting of various stakeholders including state government representative, NGOs, RIs, KVKs or any other support institutions will provide active guidance over project implementation.

7.4 Payment to CBBOs:

- a) Payment will be made to the CBBOs by Implementing Agencies after applying the due diligence will satisfy themselves with the performance of the CBBOs as per criteria laid down below at clause (c). The Project Management Advisory and Fund Sanctioning Committee (N- PMAFSC) will consider the proposal for release to Implementing Agencies.
- b) Payment shall be released after receiving the utilization certificate of the previously released amount.
- c) Following indicative criteria/guidelines are provided for guidance of Implementing Agencies for performance assessment of CBBOs-
 - (i) In the first six months of a FPO project, performance of the CBBOs will be assessed based on baseline survey, report submitted and aggregation activities undertaken for FPO formation.
 - (ii) In the period from six months to one year, performance of the CBBOs will be assessed based on (a) No. of FPOs formed in allocated aspirational districts in different blocks, if any (b) number of farmers mobilized to become the members of FPOs with

minimum membership of 300 in case of plain areas and 100 members in case of North-Eastern and Hilly areas (including such other areas of UTs) as per prescribed minimum number; (c) Registration of FPOs; and (d) formulation of Business Plan for FPOs.

- (iii) In the second year, performance will be based on (a) first equity grant availed by the FPOs; (b) statutory clearances obtained to carry out business activities; (c) minimum 50% of business activities executed as per business plan; (d) number of preliminary awareness programmes for member/BoDs and exposure visits of FPOs are undertaken; (e) first tranche of Equity Grant availed by FPOs, if any; (f) first tranche of Credit Guarantee Facility availed by FPOs, if any; (g) Institutional Training provided to CEOs/BoDs; and (h) registration of FPOs in e-NAM or other electronic platform undertaken and trading activity thereon taken place.
- (iv) In third and fourth year, performance of the CBBOs will be assessed based on – (a) issuing Share Certificates to each member in third year, if any; (b) audited Financial Statements for FPOs for second year and third year in due time and filing as required; (c) MoU and vendor registration as per Business Plan with Marketing Agencies/ Institutional Buyers; (d) trading/uploading of produce in e-NAM/ other sources, if any; (e) second tranche equity grant to FPOs, if any; and (f) second tranche of credit guarantee facility, if any.
- (v) In the fifth year, performance of the CBBOs will be assessed based on (a) audited Statements of accounts of FPO and filing it; (b) 100% of agri-business plan executed and value chain developed; (c) revenue model showing financial growth in last 3 consecutive years; (d) detailed project completion Report; and (e) third tranche of credit guarantee facility if any.

8.0 Budgetary provisions

8.1 The scheme on formation and promotion of 10,000 FPOs is to be implemented till 2023-24 with budgetary support of Rs. 4496.00 crore. Since financial support excepting management cost is to be extended for five years, therefore, FPOs formed will be required to be financially supported till 2027-28, with the additional committed liability for period from 2024-25 till 2027-28 of Rs. 2369.00 crore say Rs. 2370.00 crore. Thus, the total budgetary requirement up to 2027-28 would be Rs. 6866.00 crore. The budget requirement is to be met from overall allocations of DAC&FW.

8.2 Payment to Implementing Agencies:

8.2.1 DAC&FW will make the advance release to the Implementing Agencies (IAs) on six monthly basis based on recommendation of N-PMAFSC, Annual Action Plan (AAP) of IAs and the due utilization certificate submitted to meet out the expenses for engaging NPMA, FPO formation & incubation cost to CBBO and also meeting out the cost of FPO management cost direct to concerned FPOs account on recommendation of concerned CBBO and Equity Grant etc. for effective and timely implementation of the programme. The Implementing Agencies will develop the payment schedule based on their various stages and component of payment involved. The Implementing Agencies will raise the demand to DAC&FW for release of payment. The Implementing Agencies will submit utilization certificate of last payment released as per GFR for releasing the next payment to them. In case of training, NABARD and NCDC will submit to N- PMAFSC the training schedule for a year with tentative expenditure for training through specialised training institutes organised through their respective nodal training Institute. DAC&FW will make due payment to NABARD and NCDC for training through specialised Institutions based on the demand raised by NABARD and NCDC respectively and utilisation certificate will be submitted to DAC&FW by both as due. Further, as regards DAC&FW's share towards Credit Guarantee

Fund (CGF) to be maintained and managed by NABARD and NCDC, the DAC&FW will provide its matching share to NABARD and NCDC, as the case may be, which in turn will submit detailed status of utilization to DAC&FW before raising the further demand for next installment of CGF.

8.2.2 Payment of supervision charges to Implementing Agency (IA):

Implementing Agencies (viz. SFAC and NCDC) will be given upfront amount computed @ 3% of estimated annual expenditure in the form of supervision charges to meet the expenses incurred in discharge of their duties and responsibilities; while additional amount computed @ 2% will be given to them based on their performance assessment. The supervision amount will be released in two instalments and second instalment may be released after assessment of performance. This amount shall not include amount towards Credit Guarantee Channelized through Implementing Agencies only. However, NABARD, as consented will not charge any supervision charges for activities undertaken towards formation and promotion of FPOs under the Scheme. The expenditure on this account of supervision charges will be met from the budget of this Scheme.

The performance assessment will be done on quarterly or half yearly basis by N-PMAFSC, as deems fit. The N-PMAFSC will recommend to DAC&FW for consideration of release of additional amount @ up to 2%. The performance assessment criteria may be as under-

- (i) During the first four quarter , number of FPOs registered will be basis for assessment of performance.
- (ii) For the remaining period after one year, there may be criteria like (a) activeness of FPO exhibited by their activities; (b) adoption and execution of business development plan; and such other criteria as decided by N- PMAFSC.
- (iii) Sustainability of FPOs formed.

9.0 FPO Formation & Incubation Cost including CBBOs Cost and Cost of Monitoring & Data Management/MIS Portal including Cost of NPMA

9.1 The Formation and Incubation cost of CBBO, limited to maximum of Rs. 25 lakh / FPO of support or actual which is lesser, is to be provided for five years from the year of formation. It includes cost towards undertaking baseline survey, mobilization of farmers, organizing awareness programmes and conducting exposure visits, professional hand holdings, incubation, cost of engaging CBBOs and other overheads etc. There is also a provision for cost of NPMA towards manpower, establishment, travel and advisory and maintaining MIS portal. This also includes a provision towards cost for development of appropriate overall ICT based MIS web portal for the Scheme.

10.0 FPO Management Cost

10.1 Under the scheme, financial support to Farmer Producer Organization (FPO) @ up to maximum of Rs. 18 lakh / FPO or actual, whichever is lesser is to be provided during three years from the year of formation. The financial support is not meant for reimbursing the entire administrative and management cost of FPO but it is to provide the financial support to the FPOs to the extent provided to make them sustainable and economically viable. Hence, the fourth year onwards of formation, the FPO has to manage their financial support from their own business activities. The indicative financial support broadly covers (i) the support for salary of its CEO/Manager (maximum up to Rs.25000/month) and Accountant (maximum up to Rs. 10000/month); (ii) one time registration cost(one time up to maximum Rs. 40000 or actual whichever is lower); (iii) office rent (maximum up to Rs. 48,000/year); (iv) utility charges (electricity and telephone charges of office of FPO maximum up to Rs. 12000/year); (v) one-time cost for minor equipment, including furniture and fixture, maximum up to Rs. 1,00,000 subject to the condition that the FPO is saving from other heads like office Rent, travel, cleaning, etc. by the FPO subject to overall ceiling of assistance of Rs. 18 lakhs per FPOs in 3 years;

(vi) travel and meeting cost (maximum up to Rs.18,000/year); and (vii) misc. (cleaning, stationery etc. maximum up to Rs. 12,000/year). Any expenditure of operations, management, working capital requirement and infrastructure development etc., over and above this, will be met by the FPOs from their financial resources. 10.2 FPO being organization of farmers, it does not become feasible for FPO itself to professionally administer its activities and day to day business, therefore, FPO requires some professionally equipped Manager/CEO to administer its activities and day to day business with a sole objective to make FPO economically sustainable and farmers' benefiting agri-enterprise. Not only for business development but the value of professional is immense in democratizing the FPOs and strengthening its governing system. To substantiate the fact, the most successful example is of dairy co-operative in India where professional managers have contributed immensely to make it a success. There are other so many examples which prove the absolute requirement of professional managers. The number of professional staff could depend on geographical spread of business operation, diversity of activities and volume of business. However, an FPO should have minimum a CEO/Manager and an Accountant. Accountant is required in FPO to look after its day to day accounting work. Based on requirement, FPO can engage other staff also.

10.3 The CEO/Manager is to be appointed by the executive body of the FPO who should be either graduate in agriculture / agriculture marketing / agri-business management or BBA or equivalent. Locally available professionals with 10+2 and preferably diploma in agriculture / agriculture marketing / agri-business management or in such other related areas may be preferable. The accountant should have educational qualification of 10+2 with Mathematics as a compulsory subject or alternatively with Commerce or Accountancy background. If any members of the FPO meet the above criteria, they may be considered preferably in the selection process.

10.4 Under the scheme, financial support towards salary of CEO/Manager up to @ Rs. 25,000/- per month and of Accountant up to @ Rs.10,000/- per month with annual increment up to 5% is to be provided from

the earmarked financial support for first 3 years only. Thereafter, FPOs will manage from their own resources to pay the salary of CEO/Manager and Accountant. In order to create interest of good professional activities of CEO/Accountant, the FPO may also offer higher payment with their own sources of funds on above of Govt. support. One CEO will provide full time services to one FPO at a time only. It will be duty and responsibility of respective Board of Directors (BoDs) and CBBO that quality of services is rendered by CEO for developing the business for sustainability of the FPO.

- 10.5 **One time registration cost:** Under the scheme, the registration cost of incorporating FPOs under Companies Act. or registering under Co-operative Societies Act. will be reimbursable up to a limit of Rs. 40,000/- or actual, whichever is less; and remaining, if any, will be borne by respective FPO.
- 10.6 FPO will forward the periodic utilization certificate for FPO management cost received and utilized as may be necessary to Implementing Agency through concerned CBBO.

11.0 Provision for Equity Grant

- 11.1 Producer members' own equity supplemented by a matching Equity Grant from Government, which is required to strengthen financial base of FPOs and help them to get credit from financial institutions for their projects and working capital requirements for business development. Equity Grant shall be in the form of matching grant upto Rs. 2,000 per farmer member of FPO subject to maximum limit of Rs. 15.00 lakh fixed per FPO. This Equity Grant is not in the form of government participation in equity, but only as a matching grant to the FPOs as farmer members' equity. Therefore, Rs.1,500 crore with DAC&FW is proposed in the scheme to cover all the 10,000 FPOs, if maximum permissible equity is contributed to all 10,000 FPOs.
- 11.2 **Objectives of Equity Grant:** The objectives of Equity Grant are to (i) enhance viability and sustainability of FPOs; (ii) increase credit worthiness of FPOs; and (iii) enhance shareholding of members to increase their ownership and participation in their FPO.

11.3 Eligibility Criteria for FPOs: An FPO fulfilling following criteria shall be eligible to apply for Equity Grant under the Scheme-

- (i) It shall be a legal entity as per para 2 of this guidelines.
- (ii) It has raised equity from its Members as laid down in its Articles of Association/ Bye laws, as the case may be.
- (iii) The number of its Individual Shareholders is in accordance with the terms hereto read together with the Scheme.
- (iv) Minimum 50% of its shareholders are small, marginal and landless tenant farmers as defined by the Agriculture Census carried out periodically by the Ministry of Agriculture, Govt. Women farmers' participation as its shareholders is to be preferred.
- (v) Maximum shareholding by any one member shall not be more than 10% of total equity of the FPO.
- (vi) A farmer can be member in more than one FPO with different produce clusters but he/she will be eligible only once (for any one FPO that he/she is a member) for the matching equity grant up to his/her share.
- (vii) In the Board of Directors (BoD) and Governing Body (GB), as the case may be, there shall be adequate representation of women farmer member(s) and there should be minimum one woman member.
- (viii) It has a duly constituted Management Committee responsible for the business of the FPO.
- (ix) It has a business plan and budget for next 18 months that is based on a sustainable, revenue model as may be determined by the Implementing Agency.

11.4 Procedure for release of Equity Grant:

- (i) The Equity Grant will be made available to the eligible FPOs to receive a grant equivalent in amount to the equity contribution of their shareholder

members in the FPO subject to its cap of Rs. 15 lakh per FPO. Equity Grant sanctioned shall be released to respective Implementing Agency for transferring to the bank account of the FPO. The FPO shall, within 45 days of the receipt of the Equity Grant, issue additional shares to its shareholder members, equivalent in value to the amount of the Grant received by it, provided that the maximum grant per category of shareholder irrespective of their share as aforesaid is as follows:

- (ii) Individual Shareholder – up to Rs 2,000/- per member.
 - a) The criteria for calculation of Equity Grant (rounded off to the Share Unit Value (subject to point a) to each shareholder member of the FPO (as per authenticated copy of the Shareholders' Register maintained by the Producers Company/ Co-operative Society as per the applicable provisions of the relevant Act) is as follows:
 - (i) Allocation of shares shall be on matching/ pro-rata basis of the shareholders' current shareholding, subject to the maximum specified above and ensuring that each shareholder member receives minimum one equity share.
 - (ii) If the Grant sanctioned to the FPO is not sufficient to ensure a minimum one share to all its shareholder members, allocation of grant shall be based on the shareholders' current landholding, starting with shareholder with the least land holding / the smallest producer in case of allied activities/ or by transparent draw of lots where such identification is not possible.
 - b) The FPO shall be allowed to draw the Equity Grant in a maximum of three (3) tranches (within a period of 4 years of the first application and within the handholding period of CBBO) subject to the cap of Rs. 15 lakh per FPO, provided and to the extent that it is able to raise additional Member Equity to qualify for

an additional matching grant within the overall ceiling of Rs. 15 lakh. The request for the second tranche shall be treated as a fresh application and the full process of due diligence shall be repeated.

- c) In the event that a shareholder, who receives additional shares issued by the FPO against Equity Grant sanctioned by the Implementing Agency, exits the FPO at any point after receiving the shares, the additional shares received by him/her in lieu of the Equity Grant and standing in his/her name must be transferred to another shareholder or new shareholder within 90 days of his/her exiting the FPO, through an open and transparent draw of lots. In such cases, the original shareholder cannot receive the value of the additional shares transferred to other/ new members.
- d) DAC&FW may ask Implementing Agencies or Implementing Agencies on its own motion shall have right to recall the Equity Grant amount from the FPO, which shall be legally liable to comply with the same in the case of- a) failure to issue additional shares to members against the Equity Grant received by the FPO within 45 days of its receipt; b) closure / dissolution of FPO within five years of the receipt of the Equity Grant; and c) instances of misuse / misappropriation of the Equity Grant (viz. use of funds for activity other than mentioned in Memorandum of Association/ Articles of Association/ Business plan of the FPO) .

11.5 Application for Equity Grant:-

Eligible FPOs shall apply for the Equity Grant in the prescribed Application Form (**Annexure-I**) only. Other mandatory documents required to be submitted along with the Application are listed below:

- (i) Shareholder List and Share Capital contribution by each member verified and certified by a Chartered Accountant (CA)/Co-operative Auditors prior to submission(**Enclosure-I of Annexure-I**).

- (ii) Resolution of the Board of Directors/Governing Body to seek Equity Grant for members **(Enclosure-II of Annexure-I)**.
- (iii) Consent of shareholders, stating name of shareholder, gender, number of shares held, face value of shares, land holding, signifying consent for Implementing Agencies to directly transfer the Equity Grant sanctioned to the FPO on their behalf, to FPO Bank account, against the consideration of additional shares of equivalent value to be issued to them by FPO and on exit- transfer of the shares as per rules **(Enclosure-III of Annexure-I)**.
- (iv) If the FPO is in operation for more than one or more financial year then it shall provide copy of the Audited Financial Statements of FPO for all years of existence of the FPO, verified and certified by a Chartered Accountant (CA)/ Cooperative Auditors prior to submission.
- (v) In case FPO is in operation for period of less than one financial year, Photocopy of Bank Account Statement for last six months authenticated by the Branch Manager of the “Bank” is required
- (vi) Business Plan of FPO and budget for next 18 months.
- (vii) Names, photographs, and identity proof (anyone from among ration card, Aadhaar card, election identification card, passport) of Representatives/ Directors authorized by the Board for executing and signing all documents under the Scheme. Each page of the Application Form and accompanying documents shall be signed by a minimum of two Board Member /Authorized Representatives of the FPO.

Note: All the information/documents are to be verified by respective CBBOs while submitting the same to the respective Implementing Agencies.

11.6 Institutional Due Diligence:-

- (i) The Implementing Agency shall undertake a due diligence process to establish the credibility, sustainability and viability of the FPO, before

taking a decision on its application for Equity Grant. The Due diligence shall cover the following aspects- a). Governance; b). Business and Business Plan Viability; c). Management Capability; d). Financials. All the documents and information in this respect are to be routed to Implementing Agencies through respective CBBOs duly verified by them.

- (ii) Due diligence shall be conducted through Desk Appraisal by the implementing Agencies on the basis of documents received. The Implementing Agencies may seek assistance of NPMA in process of applying due diligence and if required may verify the claims.

11.7 Sanction:

The application shall be made by FPOs to the Implementing Agencies. After application of due diligence by Implementing Agencies, the proposal may be approved for sanction of Equity Grant. The Implementing Agency shall make demand of fund for disbursement under the Scheme as per their Annual Action Plan (AAP) to DAC&FW. Same may be released to Implementing Agency upon furnishing Utilization Certificate as described in para 8.2 of this guidelines.

11.8 Disbursement:

- (i) After accepting the terms of sanction, the FPO shall enter into Agreement with Implementing Agencies.
- (ii) Implementing Agencies shall transfer sanctioned funds to the FPO Account.

11.9 Compliance and Verification:

The FPO shall submit the following documents to Implementing Agencies:

- (i) List of additional shares issued by it to its shareholder members under the Scheme, along with the respective Folio Numbers, verified and certified by a Chartered Accountant (CA), within 45 days of receiving the fund.

- (ii) If the FPO does not honour its commitment in any manner whatsoever, either in the matter of issuing shares or in notifying Implementing Agency within the specified time limit, the Equity Grant amount sanctioned and released by Implementing Agency to the FPO is liable to be cancelled and recalled by Implementing Agency, as detailed in the Agreement between Implementing Agency and FPO.

11.10 Recourse on Non-Compliance:

In the event of violation of any of the terms and conditions herein contained or contained in the rules or any of the instructions issued by Implementing Agency from time to time or instances of misuse/misappropriation of the Equity Grant sanctioned and released to FPO by Implementing Agency, Implementing Agency shall have the right to demand and enforce forthwith repayment of the entire amount of Equity Grant sanctioned by Implementing Agency along with appropriate damages.

12.0 Credit Guarantee Facility

12.1 In order to ensure access of FPOs to credit from mainstream Banks and Financial Institutions, there is a need to create a dedicated fund. The dedicated Credit Guarantee Fund (CGF) will provide suitable credit guarantee cover to accelerate flow of institutional credit to FPOs by minimizing the risk of financial institutions for granting loan to FPOs so as to improve their financial ability to execute better business plans leading increased profits.

12.2 Objective of CGF:

The primary objective of CGF is providing a Credit Guarantee Cover to Eligible Lending Institution (ELI) to enable them to provide collateral free credit to FPOs by minimising their lending risks in respect of loans.

12.3 Corpus of CGF:-

- (i) A dedicated Fund of up to Rs. 1,500.00 crore will be created as CGF. Out of up to Rs. 1,500.00 crore CGF, up to Rs. 1,000.00 crore will be created, maintained and managed by NABARD and the rest of up

to Rs. 500.00 crore by NCDC. DAC&FW will annually contribute on matching share basis to CGF created, maintained and managed by NABARD and NCDC each contributing equal amount to respective CGF without paying any other management cost both NABARD & NCDC for managing the Fund.

- (ii) The FPOs promoted and registered under Co-operative Societies Act will have option to avail CGF maintained and managed either by NBARD or NCDC. The FPOs promoted and registered under Companies Act can avail CGF maintained and managed by NABARD.

12.4 Definitions:

- i. **“Credit Facility”** means any fund based credit facility extended by an Eligible Lending Institution (ELI) to an Eligible Borrower without any Collateral Security or Third Party Guarantee ;
- ii. **“Credit Guarantee Fund”** means the Credit Guarantee Fund for FPOs created with NABARD and NCDC respectively under the Scheme with matching grant from DAC&FW for the purpose of extending guarantee to the eligible lending institution(s) against their collateral free lending to eligible FPOs;
- iii. **“Eligible Lending Institution (ELI)”** means a Scheduled Commercial Bank for the time being included in the second Schedule to the Reserve Bank of India Act, 1934, Regional Rural Banks, Co-operative Banks, Cooperative Credit Society, NEDFI, or any other institution (s) as may be decided by the NABARD and/or NCDC, as the case may be, in consultation with Government of India from time to time. NABARD and NCDC can also finance, if they so desire with the approval of DAC&FW/N-PMFSC. NBFCs and such other financing institutions with required net worth and track record may also serve as Eligible Lending Institutions (ELIs), for lending to FPOs with a moderate spread between their cost of capital and lending rate. However, Standard Financial Sector Rating Agency should have rated NBFC to be **AAA** to be considered as ELI;

- iv. **“Guarantee Cover”** means maximum cover available per eligible FPO borrower;
- v. **“Guarantee Fee”** means the onetime fee at a specified rate of the eligible credit facility sanctioned by the ELI, payable by the ELI to NABARD or NCDC, as the case may be; and
- vi. **“Tenure of Guarantee Cover”** means the agreed tenure of the Term loan/ composite credit i.e. the maximum period of Guarantee Cover from the Guarantee start-up which shall run through the agreed tenure of the term credit, and where working capital facilities or Term loan alone are extended and/or continuing working capital arrangements granted along with the Term Loan, for a period of 5 years or block of 5 years and/or loan / working capital credit or composite credit facilities’ termination date, whichever is earlier or such period as may be specified by the NABARD or NCDC, as case may be.

12.5 Eligibility Criteria for FPO:

- (i) An ELI can avail Credit Guarantee for the FPO/Federation of FPOs, which are covered under the Scheme.
- (ii) Further, it should be ensured that the ELI has extended / sanctioned within six months of the date of application for the Guarantee or / in-principle agreed in writing / has expressed willingness in writing to sanction Term Loan/ Working Capital/ Composite Credit Facility without any collateral security or third party guarantee including personal guarantee of Board of Directors/Governing Body Members.

12.6 Credit Facilities Eligible under the Scheme:

Under CGF, NABARD and NCDC, as the case may be, shall cover:

- i. Fund based Credit facilities already sanctioned / extended within six months from the date of the application for the Guarantee Cover or intended to be extended singly or jointly by one or more than one Eligible Lending Institution (ELI) to a single eligible FPO borrower

by way of term loan and/or working capital/composite credit facilities without any collateral security and/or third party guarantees.

- ii. The ELI can extend credit without any limit; however, the Guarantee Cover shall be limited to the maximum guarantee cover specified under the Scheme.
- iii. Non-Banking Financial Companies (NBFCs) and such other Financial Institutions (FIs) with required net worth, track record and rating of AAA may also be accommodated as Eligible Lending Institutions (ELIs), such NBFC should on-ward lend to FPOs with a moderate spread between their cost of capital and lending rate.

12.7 Non-Eligibility of Credit Facilities from Credit Guarantee Fund:

The following credit facilities shall not be eligible for Guarantee Cover under the Scheme:

- i. Any credit facility which has been sanctioned by the ELI against collateral security and/ or third party guarantee.
- ii. Any credit facility in respect of which risks are additionally covered under any scheme operated/administered by Reserve Bank of India/ or by the Government/or by any general insurer or any other person or association of persons carrying on the business of insurance, guarantee or indemnity.
- iii. Any credit facility, which does not conform to, or is in any way inconsistent with, the provisions of any law, or with any directives or instructions issued by the Central Government or the Reserve Bank of India, which is, for the time being, in force.
- iv. Any credit facility granted to any borrower, who has himself availed of any other credit facility covered under this scheme or under the schemes mentioned in clause (i), (ii) and (iii) above at any point in time.

- v. Any credit facility that is overdue for repayment/ NPA taken over by the ELI from any other lender or any other default converted into a credit facility.
- vi. Any credit facility which is overdue for repayment.
- vii. Any credit facility which has been rescheduled or restructured on becoming overdue for repayment.

12.8 Eligible project loan amount for Credit Guarantee Cover and its period:

- i. The credit guarantee cover per FPO will be limited to the project loan of Rs. 2 crore. In case of project loan up to Rs. 1 crore, credit guarantee cover will be 85% of bankable project loan with ceiling of Rs. 85 lakh; while in case of project loan above Rs.1 crore and up to Rs. 2 crore, credit guarantee cover will be 75% of bankable project loan with a maximum ceiling of Rs. 150 lakh. However, for project loan over Rs. 2 crore of bankable project loan, credit guarantee cover will be limited maximum upto Rs.2.0 crore only.
- ii. ELI shall be eligible to seek Credit Guarantee Cover for a credit facility sanctioned in respect of a single FPO borrower for a maximum of 2 times over a period of 5 years.
- iii. In case of default, claims shall be settled up to 85% or 75 % of the amount in default subject to maximum cover as specified above.
- iv. Other charges such as penal interest, commitment charge, service charge, or any other levies/ expenses, or any costs whatsoever debited to the account of FPO by the ELI other than the contracted interest shall not qualify for Credit Guarantee Cover.
- v. The Cover shall only be granted after the ELI enters into an agreement with NABARD or NCDC, as the case may be, and shall be granted or delivered in accordance with the Terms and Conditions decided upon by NABARD or NCDC, as the case may be, from time to time.

12.9 Procedure to avail Guarantee Cover:

The ELI shall be required to apply to NABARD or NCDC, as the case may be, for Guarantee Cover in the specified form only provided at **Annexure-II** for credit proposals sanctioned by them during any quarter prior to expiry of the following quarter viz., application w.r.t. credit facility sanctioned in April–June Quarter must be submitted by the ensuing quarter, i.e. July–September to qualify for consideration under the Scheme.

- **NABARD or NCDC, as the case may be, shall-**
 - i. Scrutinize the proposal before sanctioning the Guarantee Cover to the ELI under the Scheme in accordance with its Terms and Conditions of respective Implementing Agencies.
 - ii. Insofar as it may be considered necessary, for the purposes of the Scheme, inspect or call for copies of the Books of Account and other records (including any Book of Instructions or Manual or Circulars covering general instructions regarding Conduct of Advances) of the Lending Institution or of the Borrower from the Lending Institution.
 - iii. Such Inspection shall be carried out either through the officers of NABARD or NCDC, as the case may be, or any other officer of DAC&FW specifically appointed for the purpose of Inspection.
 - iv. The Investment and Claims Settlement Committee (I&CSC) of NABARD or NCDC, as the case may be, shall sanction the Guarantee Cover to the concerned Bank based on the findings of the above.
 - v. The ELI shall enter into an Agreement with NABARD or NCDC, as the case may be, at the level of the Bank Branch as per the format of Agreement decided by NABARD or NCDC, as the case may be.

12.10 Guarantee Fee (GF):

- i. Annual Guarantee Fee on outstanding basis, if chargeable by NABARD or NCDC as the case may be, will be payable by ELI for Credit Guarantee

Cover (CGC) under the Scheme, which will be maximum up to @ 0.75% of credit facility up to and including Rs. 1.0 crore project loan and up to @ 0.85% of credit facility above Rs. 1.0 crore and up to Rs. 2.0 crore project loan sanctioned by the ELIs. The ELI shall pay the Guarantee Fee upfront to NABARD or NCDC, as the case may be, within 30 days from the date of issue of sanction letter for CGC, failing which the Guarantee will be liable to become void unless and until its continuance is specifically approved by NABARD or NCDC, as the case may be.

- ii. The Guarantee Fee once paid by the lending institution to NABARD or NCDC, as the case may be, is non-refundable except where Guarantee Cover for which Guarantee Fee is paid has not been approved.

12.11 Responsibilities of Lending Institutions under the Scheme prior to recommending proposals for the consideration of NABARD or NCDC, as the case may be, the ELI shall:

- i. Appraise each loan proposal for selecting commercially viable projects. ELI's Appraisal Note shall accompany the Application for Guarantee Cover under the Scheme.
- ii. Carry out processing, legal work and documentation for sanction of the loan in accordance with the requirements of the ELI and the terms and conditions of NABARD or NCDC, as the case may be.
- iii. Furnish such statements, information, documents, receipts, certificates etc. as NABARD or NCDC, as the case may be, may require in connection with any credit facility under this Scheme.
- iv. Certify that /be deemed to have affirmed that the contents of such documents, receipts, certificates and other written documents are true, provided that no claim shall be rejected and no liability shall attach to the lending institution or any officer thereof for anything done in good faith.

- v. Monitor the Borrower -account and maintain records of periodical monitoring and actions initiated on observations, if any.
- vi. Ensure that the Guarantee Claim in respect of the credit facility to the FPO Borrower is lodged with NABARD or NCDC, as the case may be, in the form and manner and within such time as may be specified by NABARD or NCDC, as the case may be, in this behalf. Further, there shall not be any delay on its part to notify NABARD or NCDC, as the case may be, of the default in the Borrower's Account, as a result of which delay, NABARD or NCDC, as the case may be, shall face higher Guarantee Claims.
- vii. The payment of Guarantee Claim by NABARD or NCDC, as the case may be, to the lending institution does not in any way absolve the lending institution of the responsibility of recovering the entire outstanding amount of the credit from the borrower. The lending institution shall exercise all necessary precaution and take recourse to all measures to recover from the borrower the entire amount of credit facility that is owed to it by the borrower and safeguarding the interest of NABARD or NCDC, as the case may be, as it shall exercise in the normal course if no guarantee had been furnished by NABARD or NCDC, as the case may be.
- viii. The lending institution shall be bound to comply with such directions as NABARD or NCDC, as the case may be, may deem fit to issue from time to time, for facilitating recoveries of the guaranteed account, or safeguarding its interest as a guarantor.
- ix. The lending institution shall, in particular, refrain from any act either before or subsequent to invocation of guarantee, which may adversely affect the interest of NABARD or NCDC, as the case may be, as the guarantor.
- x. The lending institution shall be bound under the Scheme to intimate in advance to NABARD or NCDC, as the case may be, its intention to

enter into any compromise or arrangement, which may have effect of discharge or waiver of primary security.

- xi. Further, the lending institution shall secure for NABARD or NCDC, as the case may be, or its appointed agency, through a stipulation in an Agreement with the Borrower or otherwise, the right to list the defaulted Borrowers' names and particulars on the Website of NABARD or NCDC, as the case may be or Integrated Portal

12.12 Monitoring by NABARD and NCDC:-

- i. The ELI shall undertake regular desk and /or field monitoring of the borrowing FPOs.
- ii. NABARD or NCDC, as the case may be, shall be authorized to call for reports of such monitoring as may be required from time to time.

12.13 Governance:

- i. There shall be an Investment and Claims Settlement Committee (I&CSC) in NABARD and NCDC. The I&CSC in NABARD will be chaired by its Deputy Managing Director (Dy.MD) or as nominated by Chairman, NABARD in case Dy. MD post is vacant ; while in NCDC, it will be chaired by its Managing Director (MD). The respective Committee may have also representative of States in rotation, Banking Institutions and relevant subject matter Experts apart from a representative of DAC&FW. NABARD may also co-opt a representative from SFAC. The procedure, frequency of conduct of meeting etc. will be decided by respective Organization as may be required.
- The I&CSC in NABARD and NCDC will apply their due diligence to scrutinize and accord the financial sanction to the proposals received from ELIs for Credit Guarantee Cover. NABARD and NCDC will submit by tenth day of next month the detailed progress of sanctioned credit guarantee cover of the previous month to DAC&FW on prescribed pro-forma. The N-PMAFSC shall be final authority in all policy and strategic decision making in this regard.

- ii. The I&CSC shall have discretion to take decisions in all matters concerning the Fund and its administration, set standards for risk exposure, design the financial structure of the Fund and profit targets, including special consideration for FPO with good track record of recovery.
- iii. The I&CSC shall deliberate upon Policy Issues and Strategy for overall development of the Fund and make recommendations to the NABARD and NCDC, as the case may be, for their approval. The NABARD and NCDC will accord approval and inform N-PMAFSC. informed about all major decisions and actions taken by it in this regard, and shall work under its overall control and guidance with regard to the Fund and the Scheme. Simultaneously, the NABARD and NCDC will keep the N- PMAFSC apprised about such decisions and actions taken in this regard.
- v. Decisions regarding Guarantee Pay-Outs shall be the primary responsibility of I&CSC which shall meet at least once every quarter or as often as necessary.
- vi. The ELI may invoke the Guarantee in respect of Credit Facility within a maximum period of one year from the date of NPA, if the conditions set out by NABARD or NCDC, as the case may be , are met out .

12.14 Claim Settlement:-

Only such Claim, as is submitted by the ELI and as specified by NABARD or NCDC, as the case may be, from time to time in consultation with N-PMAFSC will be considered .

12.15 Modifications and Exemptions:-

NABARD or NCDC, as the case may be ,reserves the right to modify, cancel or replace the scheme or terms and conditions , in any manner whatsoever, that it deems necessary, in consultation with DAC&FW.

12.16 Interpretation :-

The decision of NABARD or NCDC, as the case may be, shall be final in regard to the interpretation of any of the provisions of the Scheme or of any directions or instructions or clarifications given in connection therewith. While taking any such decisions, NABARD or NCDC, as case may be, will hold prior consultation with DAC&FW.

12.17 Disputes Resolution:-

Disputes, if any, arising out of the Agreement shall be resolved through mutual consultation, failing which, subject to the relevant agreement, Arbitration in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and it's up to date amendments shall be resorted to.

13.0 Training and Capacity Building for Promotion of FPOs

13.1 Capacity building, training and skill development of CEOs/ BoDs and other stakeholders identified by Nodal training institution, in consultation with DAC&FW, through transfer of technology, innovation is very essential for on self-sustainable basis. The transfer of technology and innovation, *inter alia*, includes entire vertical and horizontal aspects of agricultural value chain, managerial aspect including accounting with focus on value addition, processing, and marketing. The subject matter of training will cover topics ranging from Organisational management/behaviour, crop husbandry, value addition, processing, marketing, trading, export, supply chain, grading, branding, packaging, accounting, auditing, compliance requirements, incubation, ICT & MIS as may be relevant for promotion of FPOs including case studies in best practices if any.

13.2 The Bankers Institute of Rural Development (BIRD), Lucknow promoted by NABARD is designated as Nodal Training Institution at central level for FPOs promoted by NABARD and SFAC and other allowed/designated Implementing Agencies whether incorporated under Part IX A of Companies Act or registered under Co-operative Societies Act. The BIRD will work in partnership with other reputed organisations like NIRD, MANAGE, NIAM,

NIFTEM, VAMNICOM and such other national and regional institutions such as IRMA, Anand and ASCI, Hyderabad, State and Central Government Agriculture Universities, National Level Skill Development Universities, KVKs and other National Level Management and Skill Development Institutions etc. The BIRD in consultation with NABARD and DAC&FW will prepare a training module and training schedule for the ensuing year, which will be got approved by N-PMAFSC.

- 13.3 Training expenses, in case of BIRD being nodal agency, will be equally shared by DAC&FW and NABARD. BIRD through NABARD will claim the expenses from DAC&FW and will also submit the utilization certificate through NABARD after the training programme is over.
- 13.4 Laxmanrao Imandar National Academy for Co-operative Research & Development (LINAC), Gurugram promoted by NCDC is designated as Nodal Training Institution at central level for FPOs registered under Co-operative Societies Act and promoted by NCDC. The LINAC will work in partnership with other reputed national and regional training institutions like NIAM, VAMNICOM, MANAGE, NIRD, NCCT, IRMA, ASCI, State and Central Agriculture Universities, KVK, very reputed National level Management and Skill Development Institutions/Universities etc. The LINAC in consultation with NCDC and DAC&FW will prepare a training module and training schedule for the ensuing year, which will be got approved by N-PMAFSC. As regards training expenses, in case of LINAC being nodal agency, the LINAC through NCDC will claim the expenses from DAC&FW and will also submit the utilization certificate through NCDC after the training programme is over.
- 13.5 DAC&FW in due course may also identify and designate other training institute(s) as additional Nodal Training Institute at central level, which will undertake training and skill development partnering with other national and regional level institutes.
- 13.6 The central Nodal Training Institutes will ensure that training programme be held preferably in same State/UT wherein FPO trainees located are

proposed to participate to reduce the burden on transportation(TA/DA) cost. While formulating the training schedule, Nodal Training Institutes will ensure that BoDs, CEOs/Managers and other stakeholders etc. are trained twice in a year. Nodal Training Institutes will have to make boarding and lodging arrangements for the trainees and will also reimburse to and fro journey tickets to the extent of sleeper class train tickets and/or ordinary bus fare. Nodal Training Institutions will also evolve methodology to monitor and track the performance of trainees and their FPO organization to ensure effectiveness of training being provided. Nodal Institutions will also provide the annual summary of various training provided and their effectiveness to national level Project Management Advisory and Fund Sanctioning Committee (N-PMAFSC) constituted in DAC&FW.

- 13.7 Nodal Training Institutions may also develop various video based demonstrative/interactive e-learning modules in relevant subjects and made available in local languages to widely disseminate knowledge to new and existing FPOs.
- 13.8 Nodal training Institutes may also develop distance learning Diploma Program in FPO management for members of new and existing FPOs so as it may foster in future trained and professional FPO managers/accountants like that for Industry.
- 13.9 There is budgetary provision of Rs. 3.0 crore each year by DAC&FW for four years for training through specialized institutions and NABARD will be contributing on matching basis for the capacity building to be undertaken by BIRD (in consultation with N-PMAFSC) partnering with other National and Regional level institutions.

14.0 Implementation & Monitoring Mechanism

Considering the significance of effective implementation and better monitoring mechanism for success of a scheme, there is a well-structured, institutionalized three tiered structure at National level, State level and District level for effective implementation and monitoring of formation and promotion of FPOs.

14.1 National Level

14.1.1 To cohesively coordinate the Implementing Agencies, activities and to decide the policy guidelines in the matter for better outcome of the Scheme, there is a national level Project Management Advisory and Fund Sanctioning Committee (N-PMAFSC) constituted in DAC&FW. Composition of the Committee shall be –

- (i) Secretary, DAC&FW -----Chairperson
- (ii) Addl. Secretary (Marketing), DAC&FW -----Member
- (iii) AS&FA, DAC&FW -----Member
- (iv) JS (MIDH, RKVY, Co-operation), DAC&FW -----Member
- (v) JS (MoFPI), as nominated by its Secretary-----Member
- (vi) JS (DoAHD), as nominated by its Secretary-----Member
- (vii) JS (Deptt. of Fisheries), as nominated by its Secretary-----Member
- (viii) JS (MoRD), as nominated by its Secretary-----Member
- (ix) JS (DoNER),as nominated by its Secretary-----Member
- (x) JS (Tribal Affairs) nominated by Secretary-----Member
- (xi) Managing Director (SFAC)-----Member
- (xii) Managing Director (NCDC)-----Member
- (xiii) NABARD's representative not below the rank of CGM-----Member
- (xiv) JS (Marketing), DAC&FW-----Member Secretary

Note: (i) Chairperson may co-opt any additional member(s) including from any other Ministry /Department, States or expert(s) to assist the functioning of the Committee. In case of co-opted Members(s) from States, it shall be on rotation basis. Two prominent farmer members or representatives of FPOs be nominated as member of the Committee by Government of India.

- (ii) Directorate of Marketing & Inspection, an attached office of DAC&FW will provide necessary secretarial services and assistance including

technical inputs to N-PMAFSC in coordination, scrutiny and sanction of proposals and will coordinate with NPMA, which shall also assist N-PMAFSC with inputs on policy formulation, coordination among implementing agencies.

14.1.2 Duties & Responsibilities of N-PMAFSC:-

- (i) Coordinate with all the Implementing Agencies, State Level Consultative Committee and District level Monitoring Committee (D-MC) for smooth implementation. It will also consider feedback received from other relevant Ministries and Organizations on Clusters identification for consideration.
- (ii) It will monitor the progress either by holding the meetings of Implementing Agencies and other stakeholders or by other means.
- (iii) It will allocate the produce clusters/districts/States to Implementing Agencies for formation and promotion of FPOs.
- (iv) It will undertake scrutiny of Action Plan of Implementing Agencies(IAs), consider recommendation of release of fund to Implementing Agencies based on previous utilization as due with respect to funding under the Scheme.
- (v) It will provide policy inputs to DAC&FW for modification in the Scheme to better suit in the formation and promotion of FPOs to make them economically sustainable.
- (vi) It will provide aid and advice to Implementing Agencies as may be required for smooth functioning of the scheme.
- (vii) Based on suggestions received from various Implementing Agencies, other Ministries, States and experience/need, N-PMAFSC may examine and recommend revision of the minimum membership norm per FPO to DAC&FW.
- (viii) It may seek detailed input and analysis as may be required from time to time from NPMA and also seek assistance of DMI in verification etc.

14.2 State Level

14.2.1 Considering the significance and strategic roles of the State Government and its machinery down the line in synergizing the efforts in mobilizing the farmers, offering various services relating to production and post-production and also closely and periodically review the developmental and functioning including constraints faced by FPOs, a State Level Consultative Committee called SLCC is constituted. The Composition of the Consultative Committee is as under-

- i. Addl. Chief Secy/Secy. I/c Agriculture/ Agriculture Marketing----Chairperson]
- ii. Secretary of line Ministries/Departments-----Members (Horticulture, Animal Husbandry& Fisheries, Co-operation, Marketing, Rural Development, Panchayati Raj) (In State/UT where there is no post of ACS/PS; and Secretary, I/c Agriculture is Chairperson, members may be Directors of line Departments)
- iii. Representative of SFAC -----Member
- iv. Representative of NCDC -----Member
- v. Representative of NABARD -----Member Secretary*
- vi. Convener, SLBC -----Member
- vii. Two Experts from Agriculture Universities/Institutions -----Members

Note: (i) Chairman may co-opt additional Member(s) as per requirement and In-charge of DMI of respective State/UT may be invited in the meeting as special invitee. Two prominent farmer members or representatives of FPOs in the State/UT be nominated as member of the Committee by Government of India.

*(ii) Representative of NABARD will be Member Secretary to convene and coordinate the meetings of SLCC, however, in State (s) where there is presence of NCDC and State level SFAC and they are playing

lead and significant roles in formation and promotion of FPOs, their representatives may be Member Secretary in place of NABARD). In case of any dispute, decision of N-PMAFSC in this regard shall be final.

- (iii) State Governments/ UT Administration will issue order for formation of State Level Consultative Committee.

14.2.2 Duties & Responsibilities of SLCC

- (i) It will regularly monitor and review the progress of FPO development and functioning by holding its regular meetings.
- (ii) It will work out a strategy for all stakeholders including the Implementing Agencies (SFAC, NABARD and NCDC), institutions engaged in formation and promotion of FPOs and State Government machinery engaged in agricultural and rural development to work synergistically to achieve the objective.
- (iii) It will identify the constraints in implementation of scheme and communicate to DAC&FW and N-PMAFSC for taking the appropriate policy decision, if so required.
- (iv) It will direct respective State Government departments to help in identification of produce clusters for recommendation to N-PMAFSC and assist in mobilization of farmers to form the FPOs.
- (v) It will formulate an effective extension mechanism to be undertaken through existing State extension machinery down the line.
- (vi) Most importantly, the committee will coordinate with respective State Government departments to facilitate FPOs in getting the license/ registration for inputs, shops/spaces in the mandis and also availing the assistance for development of various infrastructures relating to production and post- production activities. The committee will also ensure that FPOs be associated/involved in all the farmers' centric schemes of the Government to the extent feasible.

- (vii) It will facilitate in making available land at appropriate place for development of common facility center and also custom hiring center. It will also strategize and prioritize for linking of Common Facility Centre (CFC) with e-NAM or with any other e-trading platform.

14.3 District level

14.3.1 Monitoring of the scheme at the District / Cluster Level and effective coordination among the stakeholders are critical for real success of the scheme and benefit to the farmer members as envisaged. Therefore, a District level Monitoring Committee (D-MC) is constituted for overall coordination of implementation of scheme in the district including the cluster development and challenges faced by FPOs. The Composition of the District level Monitoring Committee is as under-

- (i) District Collector - Chairperson
- (ii) CEO , District Council - Member*
- (iii) District level officers of line departments
(Agriculture/ Horticulture / Animal Husbandry/ Fisheries/Marketing/Cooperation) - Member
- (iv) DDM (NABARD) - Member Secretary
- (v) Lead District Manager (LDM) - Member
- (vi) Experts from KVK, ATMA, local producers' Organizations (3 No.) – Members
- (vii) Representatives of NCDL/SFAC, if available - Members

Note: (i) Chairperson may co-opt additional Member(s) including the representative of CBBOs/ PACs as per requirement.

- *(ii) The District level Committee will be chaired by CEO; Zila Parishad in State(s) where development / agriculture related work is the responsibility of Zila Parishad and the concerned State/UT so decide.

- (iii) The implementation of the Scheme for formation and promotion of FPOs would also be reviewed by District Development Coordination & Monitoring Committee (DISHA) in their periodic reviews.
- (iv) State Government/UT Administration will issue advisories to Districts for formation of District Level Monitoring Committee.

14.3.2 Duties & Responsibilities of D-MC

- (i) It will closely monitor and review the progress of FPO development and functioning by holding its regular meetings.
- (ii) It will suggest the potential produce clusters in the district (where FPOs can be formed & promoted) to N-PMAFSC and will also assist Implementing Agencies, CBBOs and other stakeholders in identification of cluster(s) and activity (ies) and also in mobilization of farmers.
- (iii) It will resolve the financial constraints of FPOs through District Level Bankers' Committee and provide feedback to N-PMAFSC.
- (iv) It will identify the constraints in implementation of scheme at the ground level and communicate the same to State Level Consultative Committee for further taking up the matter with DAC&FW and N-PMAFSC for appropriate policy decision.
- (v) Any other matter so decided by the committee in the interest of the scheme and farmers.

14.4 Close and effective monitoring has been considered a major trigger for success of this scheme. Therefore, in addition to three tiered afore-stated structured mechanism for monitoring of the scheme, there shall be continuous in-house monitoring by DAC&FW and by the Implementing Agencies also. The DAC&FW may utilize the services of Directorate of Marketing & Inspection (DMI), which has existence through its Regional & Sub-Offices across the country. For effective monitoring, DAC&FW may engage consultants also and cost for same will be borne from the budget of the scheme itself.

15.0 Evaluation of the Scheme

- 15.1 In order to evaluate the performance of the scheme with reference to its envisaged objectives, the mid-term (4th year) and end-term evaluation will be done in terms of (i) No. of FPOs formed and registered; (ii) No. of farmers mobilized category-wise ; (iii) Quantum of Equity Grant provided and No. of FPOs covered; (iv) Quantum of Credit Guarantee provided for credit linkages including volume of loan availed for working capital; (v) No. of training programmes conducted for capacity building and No. of persons trained and (vi) Business turnover of the FPOs.
- 15.2 DAC&FW will hire third party appropriate Consultant / Agency transparently for undertaking the study as well as mid-term and end-term evaluation of the scheme. If it deems feasible and appropriate, DAC&FW may ask any of the Implementing Agencies to undertake the mid-term and end-term evaluation of the scheme and evaluation report will be shared with DAC&FW and also among the other Implementing Agencies. Based on the suggestions and findings in the report, DAC&FW may modify the Operational guidelines. If exigency arises in the interest of the scheme, DAC&FW may at any time suitably modify the scheme to achieve the objective as envisaged in it. The evaluation cost will be borne from the budget of the scheme itself.

16.0 Integrated portal

- 16.1 NPMA in consultation with DAC&FW will get configured an “Integrated portal” and will also be national level data repository. The portal will serve as an e- National platform for FPOs. The portal will have basically two components, namely (i) vertical and horizontal e-Market place functioning digital platform for business transaction through various stakeholders; and (ii) Management Information System (MIS) to cater the data needs of stakeholders. The portal will have in tracking all type of data up to FPO level. The integrated portal may be developed through outsourcing or through NIC by SFAC.

16.2 Functions of Integrated portal

- (i) The software for vertical and horizontal e-Market place will provide information about the details of FPOs produce with its quality ready for sale.
- (ii) It will provide details of availability of quality inputs with price and also the details of custom hiring facility with rate.
- (iii) It will also provide detailed information about formation of FPO, its registration, location, major business activity, profitability status and all other related information FPO-wise.
- (iv) It will have window to highlight the problems being encountered in any stage of formation and promotion of FPOs and quick response by respective agency to resolve the problem.
- (v) All the software developed by Implementing Agencies with respect to FPOs are to be inter-operable with this Integrated portal.

17.0 Miscellaneous

- (i) Those corporate bodies (Agri-Value Chain/Industry) forming and promoting FPOs through cluster-based approaches without going through CBBOs may be encouraged through providing financial support under this scheme. Concerned Industries/Value Chain Processing & Export Industries forming and promoting FPOs through cluster approaches without going through CBBOs / Professional Agencies engaged by CBBOs, will be eligible for assistance for their new FPOs under the Scheme in case at least 60% of the produce of members of such FPOs is ensured with appropriate processing & assured marketing linkages on sustainable basis for remunerative prices for improving the income of the members as well as to developing processing and value addition within the country. In addition, such FPOs can also avail credit guarantee cover under CGF if comply the eligibility for same under this Scheme and also norms & guidelines of CGF maintaining and managing

agency. Such FPOs will also be allowed benefits of advisory services from NPMA and other components on par with FPOs such as Equity Grant promoted by implementing agencies. These Organizations will submit DAC&FW/ N-PMAFSC in advance about detail proposal of forming and promoting FPOs and will also submit the detail Year- wise Action Plan for consideration. Thereafter, they will submit the stages of formation and promotion of FPOs and submit proposal for FPO management cost from time to time along with utilization of previous amount along with documentary proof as well as requirement of Equity Grant to one of the assigned Implementing Agency for verification, which in turn will channelize the claim to N- PMAFSC for payment through respective IA. As regards Credit Guarantee facility, they will approach concerned Credit Fund with bank credit detail.

- (ii) Ongoing schemes of Government will be used in convergence to enhance the cost effectiveness of FPOs in production and raising productivity and also to meet the cost of infrastructure requirement of the FPOs. Implementing Agency may converge the fund available with various on-going Government of India schemes such as Rashtriya Krishi Vikas Yojna (RKVY), Mission for Integrated Development for Horticulture (MIDH), National Food Security Mission (NFSM), Pradhan Mantri Kisan Sampada Yojna (PM-SAMPADA), Deendayal Antyodaya Yojna-National Rural Livelihood Mission (DAY-NRLM), PM- FME Scheme of MoFPI, TRIFED etc. in programs, activities and creation of infrastructure like Custom Hiring Centre/Common Facilitation Centre with machinery/equipment relating to production and post-production, value addition and farm level processing, storage and other activities to make FPOs sustainable and economically viable.
- (iii) Further, Agricultural Marketing Infrastructure (AMI) Sub-Scheme of Integrated Scheme for Agriculture Marketing (ISAM) will also be converged and an FPO willing to develop post-harvest management and marketing infrastructure can avail assistance thereunder.

- (iv) States/ Union Territories can avail assistance for development of marketing and farm level value addition infrastructure/facilities for FPOs including setting up of Custom Hiring Centre (CHC)/Common Facilitation Center (CFC) for marketing and supply chain etc. under Agri- Market Infrastructure Fund (AMIF) approved for creation in NABARD for development of marketing and farm level value addition infrastructure/facilities in Gramin Agriculture Markets (GrAMs). In this case, operational guidelines of AMIF and NABARD's procedure and terms and conditions of sanction and repayment of loan for AMIF shall be applicable.
- (v) States/Union Territories can top up and additionally supplement the activities of FPOs from their own fund for activities and infrastructure not covered under Government of India Scheme.
- (vi) States/Union Territories may actively consider to make available appropriate size of land to FPOs for setting up of CFCs and CHCs at cheaper rate on rent/lease or otherwise; or may make available free of cost.
- (vii) Government may prioritize FPOs to undertake procurement operation on Minimum Support Price (MSP).
- (viii) States must actively consider encouraging FPOs for selling their produce through e-National Agriculture Market (e-NAM) including FPO module of e-NAM or through other electronic platform from their premises itself without physically bringing the produce to the APMC market yards.
- (ix) Department of Agriculture, Cooperation & Farmers Welfare is authorized to finalize Operational Guidelines of the scheme (and model Bye Laws if any) including mid-term changes thereto, and issue the same with the approval of Hon'ble Minister for Agriculture & Farmers' Welfare.

Annexure I

Application Form for seeking Equity Grant by FPO

Date:

To,

- (i) The Managing Director
Small Farmers' Agri-Business Consortium (SFAC), NCUI Auditorium, August
Kranti Marg, Hauz Khas, New Delhi 110016.
- (ii) The Managing Director
National Co-operative Development Corporation (NCDC),
4, Siri Institutional Area, Hauz Khas, New Delhi 110016.
- (iii) The Chief General Manager
National Bank for Agriculture and Rural Development (NABARD), Regional
Office -----
- (iv) To any other additional Implementing Agency allowed/designated, as the
case may be.

Sub: Application for Equity Grant under scheme of Formation and Promotion
of 10,000 Farmer Producer Organizations (FPOs) Dear Sir/Madam, We
herewith apply for Equity Grant as per the provisions under the captioned
scheme.

1. The details of the FPO are as under-

S. No.	Particulars to be furnished	Details
1.	Name of the FPO	
2.	Correspondence address of FPO	
3.	Contact details of FPO	
4.	Registration Number	

S. No.	Particulars to be furnished	Details
5.	Date of registration/incorporation of FPO	
6.	Brief account of business of FPO	
7.	Number of Shareholder Members	
8.	Number of Small, Marginal and Landless Shareholder Members	
9.	Paid up Capital (in INR)	
10.	Amount of Equity Grant sought (in INR)	
11.	Maximum shareholding of an Individual Shareholder Member	
12.	Bank name in which account is maintained	
13.	Account number	
14.	Branch name & IFSC code	
15.	Number of Directors with their briefs	
16.	Mode of Board formation (election/ nomination)	
17.	Number of Women Director(s)	
18.	Date(s) of Board/Governing Body Meetings held in the last year	
19.	Number of functional committees of the FPO: (Mention the major activities of each committee)	1. 2. 3.

S. No.	Particulars to be furnished	Details
20.	Roles & Responsibility of Boards/ Governing Body	1. 2. 3. 4.

2. Details of Board of Directors/Governing Body-

S. No.	Name of the Directors of Board/ Governing Body	Designation/ Role in the FPO	Aadhar Number	DIN Number	Qualifications Tenure (in yrs.)	Contact No./ Address	Land holding (in Acres)
1.							
2.							
3.							
4.							

3. Details of Members of Board/ Governing Body

S. No.	Name of the Members of Board/ Governing Body	Role in the FPO	Aadhar Number	Qualifications Tenure (in yrs.), if any	Contact No./ Address	Land holding (in Acres)
1.						
....						

4. Details of Shareholding of FPO Members-

#	Number of shareholders	Number and face value (INR) of shares allotted	Total amount paid (including premium in INR.)

We certify that no member of our FPO had availed Equity Grant facility earlier.

We submit our application along with the mandatory documents and request that the equity grant be approved.

Yours faithfully,

President/Chief Executive Officer/Manager

Authorized Representative/ Director of FPO

***List of mandatory documents to be attached with the application form**

- i. Shareholder List and Share Capital contribution by each Member verified and certified by a Chartered Accountant (CA) prior to submission (Format attached, Annexure I- Enclosure-I).
- ii. Resolution of FPO Board/Governing Council to seek Equity Grant for Members (Format attached, Annexure I- Enclosure-II).
- iii. Consent of Shareholders, stating name of shareholder, gender, number of shares held, face value of shares, land holding, and signature, signifying consent for Implementing Agency to directly transfer the Equity Grant sanctioned to the FPC on their behalf, to FPC Bank account, against the consideration of additional shares of equivalent value to be issued to them by FPC and on exit- transfer of the shares as per rules (Format attached, Annexure I-Enclosure-III).
- iv. Audited Financials of FPO for a minimum 1 year/for all years of existence of the FPO if formed less than three years prior to application/ for the last 3 years for FPO in existence for 3 years or more, verified and certified by a Chartered Accountant (CA) prior to submission.
- v. Photocopy of FPO Bank Account Statement for last six months authenticated by Branch Manager.
- vi. Business plan and budget for next 18 months.
- vii. Names, photographs, and identity proof (one from among ration card, Aadhaar card, election identification card, and passport of Representatives/ Directors authorized by the Board for executing and signing all documents under the Scheme.
- viii. Each page of Application Form and accompanying documents should be signed by a minimum of two Board Member Authorised Representatives of FPO;

Enclosure-I of Annexure-I

Shareholders' List and Share Capital contribution by each member verified and certified by a Chartered Accountant (CA) prior to submission

S.No	Member Name & Gender	Date of Membership	Share Money deposited by member (Rs.)	No. of Shares allotted (Share Value in INR)	Folio Share distinctive Number	Land holding of Shareholders (in Acres)	Land Record (Khasra No.)

Signature of President

Signature of CEO Name: Name:

Place:

Place:

Date:

Date:

Verified and certified by Chartered Accountant (CA) (Sign and Seal)

Enclosure-II of Annexure-I

Resolution of Board of Directors/Governing Body to seek Equity Grant for Members

FPO to seek Equity Grant for Shareholders (Certified true Copy)

- a) Place of meeting.....
- b) Date of meeting.....
- Agenda of Meeting: to avail Equity Grant support

Whereas the FPO has been formed under _____
(legal registration status of FPO) and on the basis of the decision of the
AGM/EGM (held on) _____ (mention the date) to
avail Equity Grant support under the Scheme.

We, the Board of Directors of the FPO unanimously resolve that-

- i. The grant shall be utilized for business enhancement of the FPO.
- ii. The basis of allocation of the said fund shall be the individual share money contribution by members and in accordance with the criteria laid down in the Scheme.
- iii. The accounts of the said grant shall be maintained in a proper manner.
- iv. The benefit of the said support shall be extended shareholder member-wise and shall be available to an individual till she/he is the member of the FPO.
- v. If a shareholder member quits the FPO at any point, the shares issued in lieu of the grant shall be retained by the FPO and shall not be paid to the member but shall be allocated to a new/additional existing member as per the scheme guidelines. This has been discussed in the AGM/EGM held for this purpose on----- and the Shareholders are fully cognizant of the Terms and Conditions of the Scheme & have agreed to abide by the same.

We further resolve that to execute the documents pertaining to this support, the President / in his absence, any one of the following Directors of the FPO

for any reason due to non-availability of the President and the Chief Executive of FPO, whose signatures are given below and certified by the Bank are authorised to sign all documents and forms jointly. Further resolved that this Resolution be communicated to..... (Name of Implementing Agency) and shall remain in force until further notice in writing.

Signed by the CEO & Board of Directors and Sealed

S.No.	Name	Designation	Signatures

Enclosure-III of Annexure-I

Consent Form of all Shareholders

We are Shareholders in _____(Name of the FPO) located in _____ (Name of village/block/district/State). We have purchased _____ (number of issued Shares) worth Rs. (value of the issued Shares) from the FPO, as per the list below-

(List to be attached stating name of shareholder, gender, number of shares held face value of shares, land holding, and signature.)

We have been informed about /read the Terms and Conditions of the EG and agree to the same. In particular, each shareholder hereby agrees that the entire amount of Equity Grant sanctioned by.....(Name of Implementing Agency) on our behalf be directly transferred to our FPO's account towards the consideration of additional shares to be issued to us of equivalent amount in the FPO.

On receipt of the amount, the FPO shall immediately, issue additional shares to respective shareholders, of the equivalent amount sanctioned to each shareholder by the.....(Name of Implementing Agency)

We also agree that should any shareholder at any point cease to be a Member of the FPO for any reason whatsoever, the additional shares against the Equity Grant that stand in his/her name shall be retained by the FPO to be allocated to another Member as specified under the Scheme and that in such a case, he shall not receive the value of the share.

In support of our consent, we have affixed our signatures /thumb impressions below: Consent details:-

	Name & Gender of Shareholder	Current Equity holding (Number and Face Value in INR)	Current Landholding (in acres.)	Signatures/ Thumb impressions
1.				
2.				
3.				

We declare that the information furnished by the shareholders above is true.

Chief Executive Officer (Seal)

President/Authorised Signatory

Certified by a Chartered Accountant (CA) (Seal) Countersigned by Bank Manager
(of the Bank where the FPC has the account) (Seal)

ANNEXURE-II

Application Form for Seeking Credit GUARANTEE Cover UNDER CGF

Name of Implementing Agency (NABARD/NCDC):.....				
Address:				
.....				
Phone Number:				
(Each page of the application form should be signed by Branch head and Zonal Manager)				
	Name and Address of the applicant Bank Branch :			
1 a)	Complete Postal Address (*with pin-code) :			
1 b)	Phone No. with STD :			
1 c)	Fax No.:			
1 d)	E-Mail Address:			
1 e)	Details of the authorised person of the Bank submitting the Claim:	Designation	Mobile No.	E-Mail Address.
2	Name of Borrower FPO :			
2 a)	Constitution:	Producer Organization		
2 b)	Registered Office Address (*with pin-code):			
	(i). Phone No.	(ii). Fax No.	(iii). E-mail Address	
2 c)	Business Office Address (if any)			
	(i). Phone No.	(ii). Fax No.	(iii). E-mail Address	
2 d)	Name of CEO :			
	Mobile No.			
2 e)	Credit Facility for which guarantee cover sought :			
	Old	New	Expansion	Technical Up- gradation
2 f)	Give details of components:-			
	Inputs:		Processing:	
	Marketing:		Any other:	
	Total Investment:			
3	Banking Facilities Sanctioned by sanctioning authority (Rs. in Lakh):-			
	(i). Term-Loan :	Date of Sanction:	Amount Outstanding:	IRAC Status:

	(ii).Cash Credit :	Date of Sanction:	Amount Outstanding:	IRAC Status:
3 a)	Sanctioning Office:	Branch:	ZO / RO:	HO:
3 b)	Designation of Sanctioning Authority :			
3 c)	Sanctioning authority approval vide :			
3 d)	Sanction / Appraisal Note No.		Dated:	
3 e)	Agenda No. / Minutes conveying sanction :			
4	Name and Address of Controlling Office of the Branch (*with pin-code):			
4.a).	Name of Controlling Authority :			
4.b).	Mobile No.:			
4.c).	Fax. No. :			
4.d).	E-Mail Address. :			
5	Present status of FPO Activity : (Give component wise details)			
5. a)				
5. b).				
5. c).				
5. d).				
5. e).				
5. f)				
6	Status of Accounts			
6. a).	Term-Loan:			
	Amount of Disbursement till date :		Outstanding as on date :	
	i). First installment due on (date) :			
	ii). Last Installment due on (date) :			
6. b).	Cash Credit :			
	Limit:	Drawing Power:	Outstanding:	
	Comments on Irregularity (if any):			
	Any adverse comments on the unit by inspecting official in last inspection report:			
7.	A. Cost of Project (as accepted by sanctioning authority)(In Rs. Lakh)		B. Means of Finance (as accepted by sanctioning authority)(In Rs. Lakh)	
	Give component wise details		a. Term loan of Bank:	
			b. Promoter Equity	

			c. Unsecured loan :	
			d. Others if any	
	Total		Total	
8.	A. Forward Linkages:		B. Backward Linkages with Small/Marginal farmers:	
	1		No. of members:	
	2		Details of Primary and Collateral Securities taken by the bank (if any)	
	3		a. Primary Securities	b. Collateral Securities
	4			
	5			
	6			
	(Please enclose details separately)			
9	Name of the Consortium (if any) associated with Credit Facility with complete address, contact details and email:			
9 a)	Address (*with pin-code) :			
9 b)	Contact Details :			
9 c)	Email Address :			
Request of Branch head for Credit Guarantee:-				
<p>In view of the above information, we request Credit Guarantee Cover against Credit Facility of Rs.....(in Rupees) to FPO(copy of sanction letter along with appraisal/process note of competent authority is enclosed for your perusal and record).</p> <p>Further we confirm that :</p> <ol style="list-style-type: none"> 1. The KYC norms in respect of the Promoters have been complied by us. 2. Techno-feasibility and economic viability aspect of the project has been taken care of by the sanctioning authority and the branch. 3. On quarterly basis, bank will apprise the(Name of Implementing Agency)about progress of unit, recovery of bank's dues and present status of account to.....(Name of Implementing Agency) 4. We undertake to abide by the Terms & Conditions of the Scheme. 				

Date.....	 Signature of Branch Manager with branch seal Name Designation Signature of Authorized Person in zonal office Name..... Designation
List of Enclosures		
1. Recommendation with amount of CGC sought on Bank's Original letterhead with date and dispatch number duly signed by the Branch Manager on each page.	5. Promoter's request letter addressed to the Bank Manager on original letter head of FPO	9. List of shareholders confirmed by promoter and bank
2. Sanction letter of sanctioning authority addressed to recommending branch.	6. Implementation Schedule confirmed by the bank.	10. Affidavit of promoters that they have not availed CGC from any other institution for sanctioned Credit Facility.
3. Bank's approved Appraisal/Process note bearing signature of sanctioning authority.	7. Up-to-date statement of account of Term loan and Cash Credit (if Sanctioned).	11. Field inspection report of Bank official as on recent date.
4. Potential Impact on small farmer producers 1. Social Impact, 2. Environmental Impact 3. Risk Analysis	8. a). Equity Certificate, C.A/CS certificate/RCS certificate b). FORM-2, FORM-5 and FORM-23 filed with ROC for Company/ RCS.	* Pin Code at Column No. 1. a), 2. b), 2. c), 4. a) and 9. a) is Mandatory

For further information, please contact:

<p>Managing Director Small Farmers' Agri- Business Consortium, Head office, NCUI Auditorium Building 5th floor, 3, Siri Institutional Area August Kranti Marg, Hauz Khas, New Delhi-110016 Tel: 011-41060075, 26966017 e-mail: sfac@nic.in Website: www.sfacindia.com</p>	<p>Chief General Manager, National Bank for Agriculture & Rural Development, NABARD, C-24, 'G' Block, Bandra-Kurla Complex, Bandra East, Mumbai – 400051 Tel: 022- 26539530,26539500 e-mail: csr.murthy@nabard.org, fsdd@nabard.org Website: www.nabard.org</p>	<p>Managing Director National Co-operative Development Corporation, NCDC, 4-Siri Institutional Area, Hauz Khas, New Delhi – 110016 Tel: 011- 26960796, 26567140 e-mail: mail@ncdc.in Website: www.ncdc.in</p>
<p>Agriculture Marketing Adviser Directorate of Marketing & Inspection DAC&FW, New CGO Complex, NH-IV, Faridabad - 121001 Tel: 0129- 2412518 e-mail: mdrc-dac@gov.in Website: www.dmi.gov.in</p>		

**Agricultural Marketing Division
Department of Agriculture, Co-operation & Farmers' Welfare
Ministry of Agriculture & Farmers' Welfare
Krishi Bhawan, New Delhi-110001
Tel: 011-23386235, 23388579
Website: www.agricoop.nic.in**

File No. M-02022/14/2020-CDD
Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying
(Credit, Extension and Publicity Division)

Krishi Bhawan, New Delhi
Dated: 08.10.2021

To

1. All Principal Secretary (AHD) of States/UTs
2. MDs of State Milk Federations/Unions of All States/UTs.

Subject: Guidelines/SoP for exclusive Kisan Credit Cards (KCC) for Animal Husbandry, Dairying and Fisheries farmers-reg.

Ma'am/Sir

I am to inform that this Department and D/o Financial Services in order to further streamline the process of credit delivery through KCC to the animal husbandry and fisheries farmers, a Standard Operating Procedure (SoP) for banks/ guidelines for applicant for issue of separate KCC for animal husbandry, dairy and fisheries farmers have been finalized in consultation with the stakeholders including M/o FAHD, RBI, NABARD and IBA.

Accordingly, DFS vide its letter No.3/5/2020-AC dated 24.09.2021 (copy enclosed) has advised all the PSBs and NABARD in respect of coop Banks and RRBs to use the SOP as a guiding document and determine the operational aspects of KCC in accordance with their board approved policies. In this letter it was clearly mentioned that while issuing separate KCC for animal husbandry, dairy and fisheries, Banks may look into the operational aspects with respect to issuing KCC to crop or allied activities separately or together. It was also clarified that stand-alone separate KCC for allied activities may be issued exclusively for animal husbandry, dairying and fisheries and other allied activities. In case of composite KCC, which includes credit facility for agriculture and allied activities or augmentation of credit limit on the existing KCC(agriculture) due to add on requirement for allied activities, no separate KCC should be issued.

In view of above, you are requested to direct concerned officers/Nodal officers in your State/organization to give wider publicity and follow up with banks regarding submission of KCC application to respective bank branches as per the enclosed SoP/ guidelines (Both in English and Hindi) with all relevant documents to enable PSBs to expeditiously process them for sanctioning KCC to all eligible animal husbandry and dairy farmers.

Encl;A/a

Yours sincerely,


(Ajith Kumar K)

Assistant Commissioner (DD)

Copy to:

1. Deputy Secretary (AC), Department of Financial Services, Ministry of Finance, Jeevandeep Building, Parliament Street, New Delhi.

F. No. 3/5/2020-AC
GOVERNMENT OF INDIA
Ministry of Finance
Department of Financial Services

Jeevan Deep Building,
Parliament Street, New Delhi,
Dated: 24th September, 2021

To

1. MD & CEOs of all PSBs
2. Chairman NABARD

Subject:- KCC for Animal Husbandry, Dairying and Fisheries-reg.

Sir,

As you are aware, RBI vide their Master Circular dated 4.2.2018 extended the KCC facility to the farmers engaged in animal husbandry and fisheries for their working capital requirement. Further, keeping in view the importance of livestock sector and its contribution to overall GDP in agriculture, a separate target of Rs.61,650 crore has been earmarked for animal husbandry and fisheries within the overall term loan target of Rs.6,80,000 crore for agriculture during 2021-22.

2. To further streamline the process of credit delivery through KCC to the animal husbandry and fisheries farmers, a Standard Operating Procedure (SOP)/Guidelines for issue of separate KCC for animal husbandry, dairy and fisheries farmers have been finalised (enclosed at Annexure) in consultation with the stakeholders including Ministry of AHDF, RBI, NABARD and IBA.

3. PSBs and NABARD in respect of Cooperative Banks and RRBs are advised to use the SOP as a guiding document and determine the operational aspects of KCC in accordance with their board approved policies.

4. While issuing separate KCC for animal husbandry, dairy and fisheries, Banks may look into the operational aspects with respect to issuing KCC to crop or allied activities separately or together. It is clarified in this regard that stand-alone separate KCC for allied activities may be issued exclusively for animal husbandry, dairy, fisheries and other allied activities. In case of composite KCC, which includes credit facility for agriculture and allied activities or augmentation of credit limit on the existing KCC (agriculture) due to add on requirement for allied activities, no separate KCC should be issued.

Yours faithfully,


(A.K.Das)

Deputy Secretary
Email: acsec-bkg@nic.in
Ph.No : 23748736

Enclosure: as above

CC :

1. Ms.Varsha Joshi, JS (CDD), DAHD wrt d.o. letter dated 05.08.21
- 2.CEO IBA, with the request to issue similar advisory to Private Sector Banks.

Guideline for Animal Husbandry and Fisheries Kisan Credit Card -Applicant

S. No.	Title	Criteria
1	Purpose	KCC facility to meet the Short Term credit requirements of rearing of animals, birds, fish, shrimp, other aquatic organisms, capture of fish.
2	Eligibility	
	Fishery	<p>1. Inland Fisheries and Aquaculture:</p> <p>Fishers, Fish Farmers (individual & groups/ partners/ share croppers/ tenant farmers), Self Help Groups, Joint Liability Groups and women groups.</p> <p>The beneficiaries must own or lease any of the fisheries related activities such as pond, tank, open water bodies, raceway, hatchery, rearing unit, possess necessary license for fish farming and fishing related activities, and any other State specific fisheries and allied activities.</p> <p>2 Marine Fisheries:</p> <p>Beneficiaries listed above, who own or lease registered fishing vessel/boat, possess necessary fishing license/permission for fishing in estuary and sea, fish farming/mariculture activities in estuaries and open sea and any other State specific fisheries and allied activities.</p>
	Poultry and small ruminant	Farmers, poultry farmers either individual or joint borrower, Joint Liability Groups or Self Help Groups including tenant farmer of sheep/ goats/ pigs/ poultry birds/rabbit and having owned/rented/leased sheds.
	Dairy	Farmers and Dairy farmers either individual or joint borrower, Joint Liability Groups or Self Help Groups including tenant farmers having owned /rented/leased sheds.
3	Scale of Finance	<p>The scale of finance will be fixed by the District Level Technical Committee (DLTC)/State Level Technical Committee (SLTC) based on local cost worked out on the basis of per per unit/ per animal/per bird etc. The maximum period for assessment of working capital requirement may be based on the cash flow statement or completion of one production cycle.</p> <p>Fisheries and Animal Husbandry experts of the Govt. may be made members of the DLTC for giving technical inputs for assessing the cash credit requirement.</p>

	Fishery	The working capital components in fisheries, under the scale of finance, may include recurring cost towards seed, feed, organic and inorganic fertilisers, lime/other soil conditioners, harvesting and marketing charges, fuel/electricity charges, labour, lease rent (if leased water area) etc. For capture fisheries, working capital may include the cost of fuel, ice, labouring charges, mooring/landing charges etc. may form part of the scale of finance.
	Animal Husbandry	The working capital components in Animal Husbandry, under the scale of finance, may include recurring cost towards feeding, veterinary aid, insurance of the milch animals, labour, water and electricity supply.
4	Drawing power	The drawing power will be worked on the basis of the latest Valuation of stocks, receivables and/or cash flows as per terms of sanction.
5	Repayment	The loan will be in the nature of a revolving cash credit limit. Repayment will be fixed as per the cash flow/income generation pattern of the activity undertaken by the borrower.
6	Rate of interest	The rate of interest will be as stipulated by RBI guidelines issued from time to time.
7	Interest subvention	<p>Government of India has issued the operational guidelines of the Interest Subvention Scheme for Kisan Credit Card facility to fisheries and animal husbandry farmers for a period of two years i.e. 2018- 19 and 2019-20 with the following stipulations :</p> <p>(i) In order to provide short-term loans upto Rs. 2 lakh to farmers involved in activities related to Animal Husbandry and Fisheries, through a separate KCC for these activities, apart from the existing KCC for crop loan, at a concessional interest rate of 7o/ per annum during the years 2018-19 and 2019-20, it has been decided to provide interest subvention of 2% per annum to lending institutions viz. Public Sector Banks (PSBs) and Private Sector Commercial Banks (in respect of loans given by their rural and semi-urban branches only) on use of their own resources. This interest subvention of 2% will be calculated on the loan amount from the date of its disbursement / drawal upto the date of actual repayment of the loan by the farmer or up to the due date of the loan fixed by the banks, whichever is earlier, subject to a maximum period of one year. In case of farmers possessing KCC for raising crops and involved in activities related to animal husbandry and/or fisheries, the KCC for animal husbandry/fisheries shall be within the overall limit of Rs. 3 lakh.</p> <p>(ii) To provide an additional interest subvention of 3% per annum to such of those farmers repaying in time i.e. from the date of disbursement of the working capital loan upto the actual date of repayment by farmers or upto the due date fixed by the banks for repayment of loan, whichever is earlier, subject to a maximum period of one year from the date of disbursement. This also implies that the farmers repaying promptly as above would get short term</p>

		<p>loans @ 4% per annum during the years 2018-19 and 2019-20. This benefit would accrue to only those farmers who repay their both short term crop loan and working capital loan for animal husbandry/fisheries activities in time.</p> <p>Interest subvention is to be provided on a maximum limit of Rs. 2 lakh short term loan to farmers involved in animal husbandry and fisheries. The farmers already possessing KCC (crop loan) and involved in animal husbandry & fisheries activities, can avail a sub-limit for such activities. However, the interest subvention and prompt repayment incentive benefit on short term loan (i.e. crop loan+ working capital loan for animal husbandry and fisheries) will be available only on an overall limit of Rs. 3 lakh per annum and subject to a maximum limit of Rs. 2 lakh per farmer involved in activities only related to animal husbandry and / or fisheries. The limit for crop loan component will take priority for interest subvention and prompt repayment incentive benefits and the residual amount will be considered towards animal husbandry and / or fisheries subject to cap as mentioned above.</p>
8	Collateral	<p>No collateral required up to Rs. 1.6 lakh.</p> <p>In the case of farmers whose milk is procured by Milk Unions falls under tie up arrangements between the producers and processing units without any intermediaries by crediting the payment directly to their bank account and hence the credit limits without Collateral can be upto Rs.3 lakh. In this case undertaking is required from milk union.</p> <p>Milk Union can enter into general Tri partite agreement with Bank and farmer (if farmers are agreeable) and assure payment of KCC dues to the bank, in case of default. In such case Bank may make use of RBI guidelines to extend credit limit without collateral up to Rs.3 lakh as the farmer already has the tie up arrangement with processing cum marketing unit (Milk Union) without any intermediaries. Payment made by dairy union to the dairy farmers availing KCC should be through the designated KCC account only.</p> <p>The Milk Union can also enter into a no cost service arrangement with the bank to pay the bank dues timely so that the farmers can avail the additional interest subvention of 3% p.a. for prompt repayment and the enhanced collateral free credit limit.</p>
	Documents required (In General)	<p>1. Proof of identity: Self attested copy of Voter's ID Card / Driving Licence / PAN Card / Aadhar Card / Passport / Photo IDs issued by Govt. authority etc.</p> <p>Proof of Residence: Recent telephone bill / electricity bill / property tax receipt (not older than 2 months) / Voter's ID Card / Aadhar Card / Passport / Certificate issued by Govt. Authority / Local Panchayat / Municipalities etc.</p> <p>Applicant's recent Photograph (2 copies) not older than 6months.</p> <p>Land record - only if applicable.</p>

9	For Dairy/Animal Husbandry Activities	<p>No. of milch animals/animals held by the applicant and undertaking from the farmer that the animals will not be disposed off and in case there is need animal will be replaced with other animal.</p> <p>Detail of space/shed available for keeping the animals/ running the activity (including whether owned or rented/ leased)- sufficient space/shed should be available for keeping the animals as per NABARD guideline.</p>
	For poultry Activities	<p>i. No. of birds held by the applicant for Broiler/ Layer and undertaking from the farmer that the birds will not be disposed off and in case there is need birds will be replaced with other birds/ new flock.</p> <p>ii. Detail of space/shed available for keeping the birds/ running the activity (including whether owned or rented/ leased)- sufficient space/shed should be available for keeping the birds.</p> <p>iii. Insurance of Birds must / to be obtained by the applicant and if required can be considered for financing. (Waiver of bird insurance with the condition that the borrower undertakes to create one time risk fund @ Rs 5.00 per bird per year. The corpus will be linked to full (Maximum number of layer) capacity of the bird in the poultry farm.)</p>
	For fisheries Activities	<p>i. In case of Inland and Brackish Water Fisheries</p> <p>Area of pond/ Tank held by the applicant/ detail of lakes, reservoirs where activity is undertaken.</p> <p>Detail of area in case brackish water (saline water) fish and prawn farming applicable for coastal areas</p> <p>Details of source for availability fingerlings/seeds</p> <p>Detail of license/permission for fishing from competent authority.</p> <p>ii. Marine Fisheries: By way of</p> <p>Traditional fishing through country boats.</p> <p>Coastal mechanized fishing through mechanized motorboats.</p> <p>Deep sea fishing through fishing trawlers/vessels.</p> <p>Detail of license/permission for fishing from competent authority.</p>
10	How to apply	<p>Applicant can submit the application in physical mode by filling application form or through online mode to any bank branch in their operational area.</p> <p>Simplified pro-forma devised by IBA to be used for submitting the application</p>

SOP for Animal Husbandry and Fisheries Kisan Credit Card for Banks.

S No.	Title	Criteria
1	Purpose	KCC facility to meet the Short Term credit requirements of rearing of animals, birds, fish, shrimp, other aquatic organisms, capture of fish.
2	Eligibility	
	Fishery	<p>1. Inland Fisheries and Aquaculture:</p> <p>Fishers, Fish Farmers (individual & groups/ partners/ share croppers/ tenant farmers), Self Help Groups, Joint Liability Groups and women groups.</p> <p>The beneficiaries must own or lease any of the fisheries related activities such as pond, tank, open water bodies, raceway, hatchery, rearing unit, possess necessary license for fish farming and fishing related activities, and any other State specific fisheries and allied activities.</p> <p>2 Marine Fisheries:</p> <p>Beneficiaries listed above, who own or lease registered fishing vessel/boat, possess necessary fishing license/permission for fishing in estuary and sea, fish farming/mariculture activities in estuaries and open sea and any other State specific fisheries and allied activities.</p>
	Poultry and small ruminant	Farmers, poultry farmers either individual or joint borrower, Joint Liability Groups or Self Help Groups including tenant farmer of sheep/ goats/ pigs/ poultry birds/rabbit and having owned/rented/leased sheds.
	Dairy	Farmers and Dairy farmers either individual or joint borrower, Joint Liability Groups or Self Help Groups including tenant farmers having owned/rented/leased sheds.
3	Scale of Finance	<p>The scale of finance will be fixed by the District Level Technical Committee (DLTC) /State Level Technical Committee (SLTC) based on local cost worked out on the basis of per acre/per unit/ per animal/per bird etc. The maximum period for assessment of working capital requirement may be based on the cash flow statement or completion of one production cycle.</p> <p>Fisheries and Animal Husbandry experts of the Govt. may be made members of the DLTC for giving technical inputs for assessing the cash credit requirement.</p>

	Fisheries	The working capital components in fisheries, under the scale of finance, may include recurring cost towards seed, feed, organic and inorganic fertilisers, lime/other soil conditioners, harvesting and marketing charges, fuel/electricity charges, labour, lease rent (if leased water area) etc. For capture fisheries, working capital may include the cost of fuel, ice, labouring charges, mooring/landing charges etc. may form part of the scale of finance.
	Animal Husbandry	The working capital components in Animal Husbandry, under the scale of finance, may include recurring cost towards feeding, Insurance of the Milch animals, veterinary aid, labour, water and electricity supply.
4	Drawing power	The drawing power will be worked on the basis of the latest valuation of stocks, receivables and/or cash flows as per terms of sanction.
5	Repayment	The loan will be in the nature of a revolving cash credit limit. Repayment will be fixed as per the cash flow/income generation pattern of the activity undertaken by the borrower.
6	Monitoring of end use	The account/smart card for the loan issued under the scheme is to be maintained / issued separately from the existing KCC loan to monitor the utilization limit. The monitoring of end use of funds will be in line with other loans (KCC on crop loans included) viz., field visits to the site of unit/project to be carried out by the branch officials for checking the progress of the unit. Banks will periodically review the facility and continue/withdraw/scale down the facility based on the performance of the borrower.
7	Prudential norms	The extant prudential norms on income recognition, asset classification and provisioning on allied activities will apply.
8	Rate of interest	The rate of interest will be as stipulated by RBI guidelines issued from time to time.
9	Interest subvention	<p>Government of India has issued the operational guidelines of the Interest Subvention Scheme for Kisan Credit Card facility to fisheries and animal husbandry farmers for a period of two years i.e. 2018- 19 and 2019-20 with the following stipulations:</p> <p>In order to provide short-term loans upto Rs.2 lakh to farmers involved in activities related to Animal Husbandry and Fisheries, through a separate KCC for these activities, apart from the existing KCC for crop loan, at a concessional interest rate of 7% per annum during the years 2018-19 and 2019-20, it has been decided to provide interest subvention of 2% per annum to lending institutions viz. Public Sector Banks (PSBs) and Private Sector Commercial Banks (in respect of loans given by their rural and semi-urban branches only) on use of their own resources. This interest subvention of 2% will be calculated on the loan</p>

		<p>amount from the date of its disbursement / drawal upto the date of actual repayment of the loan by the farmer or up to the due date of the loan fixed by the banks, whichever is earlier, subject to a maximum period of one year. In case of farmers possessing KCC for raising crops and involved in activities related to animal husbandry and/or fisheries, the KCC for animal husbandry/fisheries shall be within the overall limit of 13lakh.</p> <p>To provide an additional interest subvention of 3% per annum to such of those farmers repaying in time i.e. from the date of disbursement of the working capital loan upto the actual date of repayment by farmers or upto the due date fixed by the banks for repayment of loan, whichever is earlier, subject to a maximum period of one year from the date of disbursement. This also implies that the farmers repaying promptly as above would get short term loans @ 4% per annum during the years 2018-19 and 2019-20. This benefit would accrue to only those farmers who repay their both short term crop loan and working capital loan for animal husbandry/fisheries activities in time.</p> <p>Interest subvention is to be provided on a maximum limit of Rs.2 lakh short term loan to farmers involved in animal husbandry and fisheries. The farmers already possessing KCC (crop loan) and involved in animal husbandry & fisheries activities, can avail a sub-limit for such activities. However, the interest subvention and prompt repayment incentive benefit on short term loan (i.e. crop loan+ working capital loan for animal husbandry and fisheries) will be available only on an overall limit of 13 lakh per annum and subject to a maximum limit of Rs. 2 lakh per farmer involved in activities only related to animal husbandry and / or fisheries. The limit for crop loan component will take priority for interest subvention and prompt repayment incentive benefits and the residual amount will be considered towards animal husbandry and / or fisheries subject to cap as mentioned above.</p>
10	Collateral	<p>No collateral required up to Rs. 1.6 lakh</p> <p>In the case of farmers whose milk is procured by Milk Unions falls under tie up arrangements between the producers and processing units without any intermediaries by crediting the payment directly to their bank account and hence the credit limits without Collateral can be upto Rs.3 lakh. In this case undertaking is required from milk union.</p> <p>Milk Union can enter into general Tri partite agreement with Bank and farmer (if farmers are agreeable) and assure payment of KCC dues to the bank, in case of default. In such case Bank may make use of use of RBI guidelines to extend credit limit without collateral up to Rs.3 lakh as the farmer already has the tie up arrangement with processing cum marketing unit (Milk Union) without any intermediaries. Payment made by dairy union to the dairy farmers availing KCC should be through the designated KCC account only.</p>

		The Milk Union can also enter into a no cost service arrangement with the bank to pay the bank dues timely so that the farmers can avail the additional interest subvention of 3% p.a. for prompt repayment as well as the enhanced collateral free credit limit.
11	Documents required (In General)	<p>Proof of identity: Self attested copy of Voter's ID Card / Driving Licence / PAN Card / Aadhar Card / Passport / Photo IDs issued by Govt. authority etc.</p> <p>Proof of Residence: Recent telephone bill / electricity bill / property tax receipt (not older than 2 months) / Voter's ID Card / Aadhar Card / Passport / Certificate issued by Govt. Authority / Local Panchayat / Municipalities etc.</p> <p>Applicant's recent Photograph (2 copies) not older than 6months.</p> <p>Land record - only if applicable.</p>
	For Dairy/Animal Husbandry Activities	<p>No. of milch animals/animals held by the applicant and undertaking from the farmer that the animals will not be disposed off and in case there is need animal will be replaced with other animal.</p> <p>Detail of space/shed available for keeping the animals/ running the activity (including whether owned or rented/ leased)- sufficient space/shed should be available for keeping the animals as per NABARD guideline.</p>
	For poultry Activities	<p>No. of birds held by the applicant for Broiler/Layer and undertaking from the farmer that the birds will not be disposed off and in case there is need birds will be replaced with other birds/ new flock.</p> <p>Detail of space/shed available for keeping the birds/ running the activity (including whether owned or rented/ leased)- sufficient space/shed should be available for keeping the birds.</p> <p>iii. Insurance of Birds must / to be obtained by the applicant and if required can be considered for financing. (Waiver of bird insurance with the condition that the borrower undertakes to create one time risk fund @ Rs 5.00 per bird per year. The corpus will be linked to full (Maximum number of layer) capacity of the bird in the poultry farm.)</p>
	For fisheries	<p>In case of Inland and Brackish Water Fisheries</p> <p>Area of pond/ Tank held by the applicant/ detail of lakes, reservoirs where activity is undertaken.</p> <p>Detail of area in case brackish water (saline water) fish and prawn farming applicable for coastal areas</p> <p>Details of source for availability fingerlings/seeds</p> <p>Detail of license/permission for fishing from competent authority.</p>

	Activities	<p>Marine Fisheries: by way of</p> <p>Traditional fishing through country boats.</p> <p>Coastal mechanized fishing through mechanized motorboats.</p> <p>Deep sea fishing through fishing trawlers/vessels.</p> <p>Detail of license/permission for fishing from competent authority.</p>
12	Application Mode	Applicant can submit the application in physical mode by filling application form or through online mode to any bank branch in their operational area.
13	General Advisory to Banks	<p>i. The application form should be uploaded on the websites of all banks and widely disseminated in local language</p> <p>ii. To ensure prompt processing and approvals, dedicated desks may be set up in the branches, wherever feasible, for receiving forms and providing appropriate guidance to the Animal Husbandry and Fishery farmers.</p> <p>iii. While filling of the application form, the applicant will be encouraged to give consent for coverage under PMSBY and PMJJBY, as this would provide the much needed social security cover to the farmers, besides the facility of KCC.</p> <p>iv. Application received by the banks from eligible animal Husbandry, dairy and fishery activities should be processed expeditiously within a maximum period of two weeks from date of submission of complete application form) as per the extant guidelines for issue of fresh KCC or, enhancement of the existing KCC limit or, activation of inoperative KCC account after due process and verification as per Bank Policy and regulatory guidelines.</p> <p>v. Reason for rejection if any should be clearly communicated to the applicant.</p> <p>vi. Banks should report online the progress of KCC sanctioned to Animal Husbandry, dairy and Fishery farmers to D/o Financial Services regularly</p> <p>vii. The Indian Banks Association, vide letter no SB/Cir/KCC/2018-19/6778 dated 04.02.2019, had issued an advisory guideline to all the banks to waive the processing, documentation, inspection, ledger folio charges and all other service charges for KCC/crop loans upto Rs 3 lakh, keeping in view that hardship and financial distress of landless, small and marginal farmers. These directions may be followed while processing the application for issue of KCC.</p> <p><i>*eligible beneficiaries of PM_KISAN and farmers engaged in dairy, poultry and fisheries are issued KCC within the shortest possible time, within a maximum period of two weeks from submission of the completed application forms, after due process and verification as per Bank policy and regulatory guidelines.</i></p>

पशुपालन और मत्स्यपालन किसान क्रेडिट कार्ड के लिए दिशा-निर्देश - आवेदक

क्र. सं.	शीर्षक	मानदंड
1.	उद्देश्य	पशुओं, पक्षियों, मछली झींगा, अन्य जलीय जीवों के पालन, मछली पकड़ने अल्पकालिक ऋण आवश्यकताओं को पूरा करने के लिए केसीसी सुविधा।
2.	पात्रता	
	मत्स्यपालन	<p>1. अंतर्देशीय मत्स्यपालन और जलकृषि</p> <p>मछुआरे, मछली किसान (व्यक्तिगत और समूह / भागीदार / बटाईदार / काश्तकार किसान), स्वयं सहायता समूह, संयुक्त देयता समूह और महिला समूह।</p> <p>लाभार्थियों को मत्स्य पालन से संबंधित गतिविधियों जैसे तालाब, टैंक, खुले जल निकायों, रेसवे, हैचरी, पालन इकाई, मछली पालन और मछली पकड़ने से संबंधित गतिविधियों के लिए आवश्यक लाइसेंस, और राज्य के किसी भी अन्य विशिष्ट मत्स्य पालन और संबद्ध गतिविधियों का स्वामित्व या पट्टे पर होना चाहिए।</p> <p>2. समुद्री मत्स्य पालन:</p> <p>ऊपर सूचीबद्ध लाभार्थी, जो पंजीकृत मछली पकड़ने के जहाज/ नाव के मालिक हैं या पट्टे पर हैं, , मुहाना (एश्चुयरी) और खुले समुद्र और राज्य के किसी भी अन्य विशिष्ट मत्स्य पालन और संबद्ध गतिविधियों में मछली पालन/ समुद्री कृषि क्रियाकलापों उनके पास मुहाने (एश्चूयरी) और समुद्र में मछली पकड़ने के लिए आवश्यक मछली पकड़ने का लाइसेंस/ अनुमति है।</p>
	कुक्कुट और छोटे जुगाली करने वाले पशु	किसान, कुक्कुट किसान या तो व्यक्तिगत या संयुक्त उधारकर्ता, संयुक्त देयता समूह या स्वयं सहायता समूह जिनमें भेड़/बकरी/सूअर/कुक्कुट पक्षी/खरगोश के किरायेदार किसान शामिल हैं और जिनके पास स्वामित्व/किराए पर/पट्टे/शेड हैं।
	डेयरी	किसान और डेयरी किसान या तो व्यक्तिगत या संयुक्त उधारकर्ता, संयुक्त देयता समूह या स्वयं सहायता समूह जिनमें किरायेदार किसान शामिल हैं जिनके पास स्वामित्व/किराए पर/पट्टे पर शेड हैं।

3.	निधियन का स्तर	निधियन का स्तर जिला स्तरीय तकनीकी समिति (डीएलटीसी)/राज्य स्तरीय तकनीकी समिति (एसएलटीसी) द्वारा स्थानीय लागत के आधार पर प्रति यूनिट/प्रति पशु/प्रति पक्षी आदि के आधार पर निर्धारित किया जाएगा। मूल्यांकन के लिए अधिकतम अवधि कार्यशील पूंजी की आवश्यकता नकदी प्रवाह विवरण या एक उत्पादन चक्र के पूरा होने पर आधारित हो सकती है। सरकार के मत्स्य पालन और पशुपालन विशेषज्ञ को नकद ऋण आवश्यकता का आकलन करने के लिए तकनीकी जानकारी देने के लिए डीएलटीसी का सदस्य बनाया जा सकता है।
	मत्स्यपालन	निधियन के स्तर के तहत मत्स्य पालन में कार्यशील पूंजी घटकों में बीज, चारा, जैविक और अकार्बनिक उर्वरक, चूना/ अन्य मिट्टी कंडीशनर, कटाई और विपणन शुल्क, ईंधन/ बिजली शुल्क, श्रम, पट्टा किराया (यदि जल क्षेत्र पट्टे पर है) आदि की आवृत्ति लागत शामिल हो सकती है। कैप्चर मात्स्यिकी के लिए, कार्यशील पूंजी में ईंधन की लागत, बर्फ, श्रम शुल्क, मूरिंग/ लैंडिंग शुल्क आदि शामिल हो सकते हैं, जो निधियन के स्तर का हिस्सा हो सकते हैं।
	पशुपालन	निधियन के स्तर के तहत पशुपालन में कार्यशील पूंजी घटकों में भोजन, पशु चिकित्सा सहायता, दुधारू पशुओं का बीमा, श्रम, पानी और बिजली आपूर्ति की आवृत्ति लागत शामिल हो सकती है।
4.	आहरण शक्ति	आहरण शक्ति को मंजूरी की शर्तों के अनुसार स्टॉक, प्राप्य और/ या नकदी प्रवाह के नवीनतम मूल्यांकन के आधार पर काम किया जाएगा।
5.	अदायगी	ऋण एक परिक्रामी नकद ऋण सीमा की प्रकृति का होगा। अदायगी उधारकर्ता द्वारा की गई क्रियाकलाप के नकदी प्रवाह/ आय सृजन पैटर्न के अनुसार तय की जाएगी।
6.	ब्याज की दर	ब्याज की दर समय-समय पर जारी आरबीआई के दिशा-निर्देशों के अनुसार होगी
7.	ब्याज सहायता	भारत सरकार ने मत्स्य पालन और पशुपालन करने वाले किसानों को दो साल यानी 2018-19 और 2019-20 की अवधि के लिए निम्नलिखित शर्तों के साथ किसान क्रेडिट कार्ड सुविधा के लिए ब्याज छूट योजना के परिचालन दिशानिर्देश जारी किए हैं: (i) पशुपालन और मत्स्य पालन से संबंधित गतिविधियों में शामिल किसानों को 2 लाख रुपये तक का अल्पकालिक ऋण प्रदान करने के लिए, इन गतिविधियों के लिए एक अलग केसीसी के माध्यम से, फसल ऋण के लिए मौजूदा केसीसी के अलावा, रियायती ब्याज दर पर वर्ष 2018-19 और 2019-20 के दौरान 7% प्रति वर्ष की दर से अपने स्वयं के संसाधनों के उपयोग पर, ऋण देने वाली

		<p>संस्थाओं जैसे सार्वजनिक क्षेत्र के बैंकों (पीएसबीज) और निजी क्षेत्र के वाणिज्यिक बैंकों (केवल अपनी ग्रामीण और अर्ध-शहरी शाखाओं द्वारा दिए गए ऋणों के संबंध में) को 2% प्रति वर्ष का ब्याज सहायता प्रदान करने का निर्णय लिया गया है। 2% के इस ब्याज सबवेंशन की गणना ऋण राशि पर उसके वितरण/ आहरण की तारीख से किसान द्वारा ऋण की वास्तविक अदायगी की तारीख तक या बैंकों द्वारा निर्धारित ऋण की देय तिथि तक, अधिकतम एक वर्ष की अवधि के अधीन, जो भी पहले हो, तक की जाएगी। फसल उगाने के लिए केसीसी रखने वाले और पशुपालन और / या मत्स्य पालन से संबंधित क्रियाकलापों में शामिल किसानों के मामले में, पशुपालन / मत्स्य पालन के लिए केसीसी 3 लाख रुपये की समग्र सीमा के भीतर होगा।</p> <p>ii) समय पर भुगतान करने वाले किसानों को कार्यशील पूंजी ऋण के वितरण की तारीख से किसानों द्वारा चुकौती की वास्तविक तिथि तक या बैंकों द्वारा निर्धारित देय तिथि तक, जो भी पहले हो, संवितरण की तारीख से अधिकतम एक वर्ष की अवधि के अधीन 3% प्रति वर्ष का अतिरिक्त ब्याज सहायता प्रदान करना। इसका तात्पर्य यह भी है कि उपरोक्त के रूप में तुरंत अदा करने वाले किसानों को वर्ष 2018-19 और 2019-20 के दौरान 4% प्रति वर्ष की दर से अल्पकालिक ऋण मिलेगा। यह लाभ केवल उन्हीं किसानों को मिलेगा जो पशुपालन / मत्स्य पालन क्रियाकलापों के लिए अल्पावधि फसल ऋण और कार्यशील पूंजी ऋण दोनों को समय पर चुकाते हैं।</p> <p>पशुपालन और मत्स्य पालन से जुड़े किसानों को अधिकतम 2 लाख रुपए पर अल्पावधि ऋण ब्याज सहायता प्रदान किया जाना है। ऐसे किसान जो पहले से केसीसी (फसल ऋण) रखते हैं और पशुपालन और मत्स्य पालन क्रियाकलापों में शामिल हैं, ऐसी क्रियाकलापों के लिए उप-सीमा का लाभ उठा सकते हैं। तथापि, अल्पावधि ऋण (यानी फसल ऋण + पशुपालन और मत्स्य पालन के लिए कार्यशील पूंजी ऋण) पर ब्याज सबवेंशन और त्वरित पुनर्भुगतान प्रोत्साहन लाभ केवल 3 लाख रुपये प्रति वर्ष की समग्र सीमा पर उपलब्ध होगा और पशुपालन और/ या मत्स्य पालन से संबंधित क्रियाकलापों में शामिल प्रति किसान अधिकतम 2 लाख रुपए तक होगा। फसल ऋण घटक की सीमा ब्याज सहायता और शीघ्र अदायगी प्रोत्साहन लाभ के लिए प्राथमिकता लेगी और शेष राशि को पशुपालन और / या मत्स्य पालन के लिए ऊपर उल्लिखित सीमा के अधीन माना जाएगा।</p>
8.	कोलैटेरल	<p>1.6 लाख तक कोई कोलैटेरल की आवश्यकता नहीं है।</p> <p>उन किसानों के मामले में जिनका दूध दुग्ध संघों द्वारा खरीदा जाता है,</p>

		<p>उत्पादकों और प्रसंस्करण इकाइयों के बीच बिना किसी बिचौलिए के भुगतान को सीधे उनके बैंक खाते में जमा करके टाई-अप व्यवस्था के तहत आता है और इसलिए कोलैटेरल के बिना क्रेडिट सीमा 3 लाख रुपये तक हो सकती है। इस मामले में दुग्ध संघ से उपक्रम की आवश्यकता है।</p> <p>दुग्ध संघ बैंक और किसान (यदि किसान सहमत हैं) के साथ सामान्य त्रिपक्षीय समझौता कर सकता है और चूक के मामले में बैंक को केसीसी बकाया भुगतान का आश्वासन दे सकता है। ऐसे मामले में बैंक बिना कोलैटेरल के 3 लाख रुपये तक की क्रेडिट सीमा बढ़ाने के लिए आरबीआई के दिशानिर्देशों का उपयोग कर सकता है जैसा की किसान पहले से ही बिना किसी बिचौलियों के प्रसंस्करण सह विपणन इकाई (दूध संघ) के साथ गठजोड़ की व्यवस्था कर चुके हैं। केसीसी का लाभ उठाने वाले डेयरी किसानों को डेयरी यूनियन द्वारा भुगतान केवल नामित केसीसी खाते के माध्यम से किया जाना चाहिए।</p> <p>दुग्ध संघ समय पर बैंक बकाया का भुगतान करने के लिए बैंक के साथ एक नो कॉस्ट सर्विस व्यवस्था भी कर सकता है ताकि किसान शीघ्र पुनर्भुगतान और बढ़ी हुई कोलैटेरल मुक्त ऋण सीमा के लिए 3% प्रति वर्ष के अतिरिक्त ब्याज सहायता का लाभ उठा सकें।</p>
9.	<p>आवश्यक दस्तावेज़(सामान्य रूप में)</p> <p>1. पहचान प्रमाण पत्र: सरकारी प्राधिकरण द्वारा जारी वोटर आईडी कार्ड / ड्राइविंग लाइसेंस / पैन कार्ड / आधार कार्ड / पासपोर्ट / फोटो आईडी की सेल्फ अटेस्टेड कॉपी आदि।</p> <p>निवास प्रमाण पत्र: सरकारी प्राधिकरण / स्थानीय पंचायत / नगर पालिका द्वारा जारी हालिया टेलीफोन बिल / बिजली बिल / संपत्ति कर रसीद (2 महीने से अधिक पुरानी नहीं) / मतदाता पहचान पत्र / आधार कार्ड / पासपोर्ट / प्रमाण पत्र आदि।</p> <p>आवेदक का हालिया फोटो (2 प्रतियां) जो 6 महीने से अधिक पुराना नहीं हो।</p> <p>भूमि रिकॉर्ड - यदि लागू हो तो ही।</p>	
	<p>पशुपालन और डेयरी क्रियाकलापों के लिए</p> <p>आवेदक द्वारा रखे गए दुधारू पशुओं/ जानवरों की संख्या और किसान की ओर से वचनबद्धता कि पशुओं का निपटान (डिस्पोज़ ऑफ) नहीं किया जाएगा और जरूरत पड़ने पर पशु को अन्य पशुओं के साथ बदल दिया जाएगा।</p> <p>पशुओं को रखने/ क्रियाकलाप के लिए उपलब्ध स्थान/ शेड का विवरण (स्वामित्व या किराए/ पट्टे सहित) - नाबार्ड के दिशा-निर्देशों के अनुसार पशुओं को रखने के लिए पर्याप्त स्थान/शेड उपलब्ध होना चाहिए।</p>	
	<p>कुक्कुट पालन</p> <p>i. ब्रायलर/लेयर के लिए आवेदक द्वारा रखे गए पक्षियों की संख्या और</p>	

	क्रियाकलापों के लिए	<p>किसान से यह वचनपत्र कि पक्षियों का निपटान (डिस्पोज़ ऑफ) नहीं किया जाएगा और जरूरत पड़ने पर पक्षियों को अन्य पक्षियों/ नए झुंडों के साथ बदल दिया जाएगा।</p> <p>ii. द्वितीय पक्षियों को रखने/ क्रियाकलाप के लिए उपलब्ध स्थान/ शेड का विवरण (स्वामित्व या किराए/ पट्टे सहित) - पक्षियों को रखने के लिए पर्याप्त स्थान/ शेड उपलब्ध होना चाहिए।</p> <p>iii. आवेदक द्वारा पक्षियों का बीमा किया जाना चाहिए और यदि आवश्यक हो तो वित्तपोषण के लिए विचार किया जा सकता है। (पक्षी बीमा की छूट इस शर्त के साथ कि उधारकर्ता प्रति वर्ष 5.00 रुपये प्रति पक्षी की दर से एकमुश्त जोखिम निधि बनाने का वचन देता है। कॉर्पस को पूर्ण (पोल्ट्री फार्म में पक्षी की परत क्षमता की अधिकतम संख्या) से जोड़ा जाएगा।</p>
	मत्स्यपालन क्रियाकलापों के लिए	<p>i. अंतर्देशीय और खारे पानी की मात्स्यिकी के मामले में आवेदक द्वारा धारित तालाब/टैंक का क्षेत्र/झीलों, जलाशयों का विवरण जहां क्रियाकलाप किया जाती है।</p> <p>तटीय क्षेत्रों के लिए लागू खारे पानी (खारा पानी) मछली और झींगा पालन के मामले में क्षेत्र का विवरण</p> <p>उपलब्धता के लिए स्रोत का विवरण फिंगरलिंग/ बीज</p> <p>सक्षम प्राधिकारी से मछली पकड़ने के लिए लाइसेंस/ अनुमति का विवरण।</p> <p>ii. समुद्री मत्स्य पालन:</p> <p>देशी नौकाओं के माध्यम से पारंपरिक मछली पकड़ना।</p> <p>यंत्रिकृत मोटरबोटों के माध्यम से तटीय यंत्रिकृत मछली पकड़ना।</p> <p>मछली पकड़ने वाले ट्रॉलरों/ पोतों के माध्यम से गहरे समुद्र में मछली पकड़ना।</p> <p>सक्षम प्राधिकारी से मछली पकड़ने के लिए लाइसेंस/ अनुमति का विवरण</p>
10.	आवेदन कैसे करें	<p>आवेदक अपने परिचालन क्षेत्र में किसी भी बैंक शाखा में आवेदन पत्र भरकर या ऑनलाइन मोड के माध्यम से भौतिक मोड में आवेदन जमा कर सकते हैं।</p> <p>आवेदन जमा करने के लिए उपयोग किए जाने के लिए आईबीए द्वारा तैयार किया गया सरलीकृत प्रो-फॉर्मा का प्रयोग करें।</p>

पशुपालन और मत्स्यपालन किसान क्रेडिट कार्ड वाले बैंकों के लिए दिशानिर्देश

क्र. सं.	शीर्षक	मानदंड
1.	उद्देश्य	पशुओं, पक्षियों, मछली झींगा, अन्य जलीय जीवों के पालन, मछली पकड़ने अल्पकालिक ऋण आवश्यकताओं को पूरा करने के लिए केसीसी सुविधा।
2.	पात्रता	
	मत्स्यपालन	<p>1. अंतर्देशीय मत्स्यपालन और जलकृषि</p> <p>मछुआरे, मछली किसान (व्यक्तिगत और समूह / भागीदार / बटाईदार / काश्तकार किसान), स्वयं सहायता समूह, संयुक्त देयता समूह और महिला समूह।</p> <p>लाभार्थियों को मत्स्य पालन से संबंधित क्रियाकलापों जैसे तालाब, टैंक, खुले जल निकायों, रेसवे, हैचरी, पालन इकाई, मछली पालन और मछली पकड़ने से संबंधित क्रियाकलापों के लिए आवश्यक लाइसेंस, और राज्य के किसी भी अन्य विशिष्ट मत्स्य पालन और संबद्ध क्रियाकलापों का स्वामित्व या पट्टे पर होना चाहिए।</p> <p>2. समुद्री मत्स्यपालन:</p> <p>ऊपर सूचीबद्ध लाभार्थी, जो पंजीकृत मछली पकड़ने के जहाज/ नाव के मालिक हैं या पट्टे पर हैं, , मुहाना (एश्चुरी) और खुले समुद्र और राज्य के किसी भी अन्य विशिष्ट मत्स्य पालन और संबद्ध क्रियाकलापों में मछली पालन/ समुद्री कृषि क्रियाकलापों उनके पास मुहाने (एश्चुरी) और समुद्र में मछली पकड़ने के लिए आवश्यक मछली पकड़ने का लाइसेंस/ अनुमति है।</p>
	कुक्कुट और छोटे जुगाली करने वाले पशु	किसान, कुक्कुट किसान या तो व्यक्तिगत या संयुक्त उधारकर्ता, संयुक्त देयता समूह या स्वयं सहायता समूह जिनमें भेड़/ बकरी/सूअर/ कुक्कुट पक्षी/ खरगोश के किरायेदार किसान शामिल हैं और जिनके पास स्वामित्व/किराए पर/पट्टे पर/शेड हैं।
	डेयरी	किसान और डेयरी किसान या तो व्यक्तिगत या संयुक्त उधारकर्ता, संयुक्त देयता समूह या स्वयं सहायता समूह जिनमें किरायेदार किसान शामिल हैं जिनके पास स्वामित्व/ किराए पर/ पट्टे पर शेड हैं।

3.	निधियन का स्तर	निधियन का स्तर जिला स्तरीय तकनीकी समिति (डीएलटीसी)/राज्य स्तरीय तकनीकी समिति (एसएलटीसी) द्वारा स्थानीय लागत के आधार पर प्रति यूनिट/प्रति पशु/प्रति पक्षी आदि के आधार पर निर्धारित किया जाएगा। मूल्यांकन के लिए अधिकतम अवधि कार्यशील पूंजी की आवश्यकता नकदी प्रवाह विवरण या एक उत्पादन चक्र के पूरा होने पर आधारित हो सकती है। सरकार के मत्स्य पालन और पशुपालन विशेषज्ञ को नकद ऋण आवश्यकता का आकलन करने के लिए तकनीकी जानकारी देने के लिए डीएलटीसी का सदस्य बनाया जा सकता है।
	मत्स्यपालन	निधियन के स्तर के तहत मत्स्य पालन में कार्यशील पूंजी घटकों में बीज, चारा, जैविक और अकार्बनिक उर्वरक, चूना/ अन्य मिट्टी कंडीशनर, कटाई और विपणन शुल्क, ईंधन/ बिजली शुल्क, श्रम, पट्टा किराया (यदि जल क्षेत्र पट्टे पर है) आदि की आवृत्ति लागत शामिल हो सकती है। कैप्चर मात्स्यिकी के लिए, कार्यशील पूंजी में ईंधन की लागत, बर्फ, श्रम शुल्क, मूरिंग/ लैंडिंग शुल्क आदि शामिल हो सकते हैं, जो निधियन के स्तर का हिस्सा हो सकते हैं।
	पशुपालन	निधियन के स्तर के तहत पशुपालन में कार्यशील पूंजी घटकों में भोजन, पशु चिकित्सा सहायता, दुधारू पशुओं का बीमा, श्रम, पानी और बिजली आपूर्ति की आवृत्ति लागत शामिल हो सकती है।
4.	आहरण शक्ति	आहरण शक्ति को मंजूरी की शर्तों के अनुसार स्टॉक, प्राप्य और/ या नकदी प्रवाह के नवीनतम मूल्यांकन के आधार पर काम किया जाएगा।
5.	अदायगी	ऋण एक परिक्रामी नकद ऋण सीमा की प्रकृति का होगा। अदायगी उधारकर्ता द्वारा की गई क्रियाकलाप के नकदी प्रवाह/ आय सृजन पैटर्न के अनुसार तय की जाएगी।
6.	अंतिम उपयोग की निगरानी	उपयोग सीमा की निगरानी के लिए योजना के तहत जारी किए गए ऋण के लिए खाता/स्मार्ट कार्ड मौजूदा केसीसी ऋण से अलग से बनाए रखा/ जारी किया जाना है। निधियों के अंतिम उपयोग की निगरानी अन्य ऋणों (फसल ऋणों पर केसीसी शामिल) के अनुरूप होगी, अर्थात् इकाई की प्रगति की जांच के लिए शाखा अधिकारियों द्वारा किए जाने वाले इकाई/ परियोजना की साइट पर क्षेत्र का दौरा। बैंक समय-समय पर सुविधा की समीक्षा करेंगे और उधारकर्ता के प्रदर्शन के आधार पर सुविधा को जारी /वापसी/ कम करेंगे
7.	उचित मानदंड	आय की पहचान, परिसंपत्ति वर्गीकरण और संबद्ध क्रियाकलापों पर प्रावधान पर मौजूदा उचित मानदंड लागू होंगे
8.	ब्याज की दर	ब्याज की दर समय-समय पर जारी आरबीआई के दिशा-निर्देशों के अनुसार होगी

9.	ब्याज सहायता	<p>भारत सरकार ने मत्स्य पालन और पशुपालन करने वाले किसानों को दो साल यानी 2018-19 और 2019-20 की अवधि के लिए निम्नलिखित शर्तों के साथ किसान क्रेडिट कार्ड सुविधा के लिए ब्याज सहायता योजना के परिचालन दिशानिर्देश जारी किए हैं:</p> <p>(i) पशुपालन और मत्स्य पालन से संबंधित क्रियाकलापों में शामिल किसानों को 2 लाख रुपये तक का अल्पकालिक ऋण प्रदान करने के लिए, इन क्रियाकलापों के लिए एक अलग केसीसी के माध्यम से, फसल ऋण के लिए मौजूदा केसीसी के अलावा, रियायती ब्याज दर पर वर्ष 2018-19 और 2019-20 के दौरान 7% प्रति वर्ष की दर से अपने स्वयं के संसाधनों के उपयोग पर, ऋण देने वाली संस्थाओं जैसे सार्वजनिक क्षेत्र के बैंकों (पीएसबीज) और निजी क्षेत्र के वाणिज्यिक बैंकों (केवल अपनी ग्रामीण और अर्ध-शहरी शाखाओं द्वारा दिए गए ऋणों के संबंध में) को 2% प्रति वर्ष का ब्याज सहायता प्रदान करने का निर्णय लिया गया है। 2% के इस ब्याज सहायता की गणना ऋण राशि पर उसके वितरण/ आहरण की तारीख से किसान द्वारा ऋण की वास्तविक अदायगी की तारीख तक या बैंकों द्वारा निर्धारित ऋण की देय तिथि तक, अधिकतम एक वर्ष की अवधि के अधीन, जो भी पहले हो, तक की जाएगी। फसल उगाने के लिए केसीसी रखने वाले और पशुपालन और / या मत्स्यपालन से संबंधित क्रियाकलापों में शामिल किसानों के मामले में, पशुपालन / मत्स्यपालन के लिए केसीसी 3 लाख रुपये की समग्र सीमा के भीतर होगा।</p> <p>ii) समय पर भुगतान करने वाले किसानों को कार्यशील पूंजी ऋण के वितरण की तारीख से किसानों द्वारा चुकौती की वास्तविक तिथि तक या बैंकों द्वारा निर्धारित देय तिथि तक, जो भी पहले हो, संवितरण की तारीख से अधिकतम एक वर्ष की अवधि के अधीन 3% प्रति वर्ष का अतिरिक्त ब्याज सहायता प्रदान करना। इसका तात्पर्य यह भी है कि उपरोक्त के रूप में तुरंत अदा करने वाले किसानों को वर्ष 2018-19 और 2019-20 के दौरान 4% प्रति वर्ष की दर से अल्पकालिक ऋण मिलेगा। यह लाभ केवल उन्हीं किसानों को मिलेगा जो पशुपालन / मत्स्यपालन क्रियाकलापों के लिए अल्पावधि फसल ऋण और कार्यशील पूंजी ऋण दोनों को समय पर चुकाते हैं।</p> <p>पशुपालन और मत्स्यपालन से जुड़े किसानों को अधिकतम 2 लाख रुपए पर अल्पावधि ऋण ब्याज सहायता प्रदान किया जाना है। ऐसे किसान जो पहले से केसीसी (फसल ऋण) रखते हैं और पशुपालन और मत्स्य पालन क्रियाकलापों में शामिल हैं, ऐसी क्रियाकलापों के लिए उप-सीमा का लाभ उठा सकते हैं। तथापि, अल्पावधि ऋण (यानी फसल ऋण + पशुपालन और मत्स्य पालन के लिए</p>
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		कार्यशील पूंजी ऋण) पर ब्याज सहायता और त्वरित पुनरदायगी प्रोत्साहन लाभ केवल 3 लाख रुपये प्रति वर्ष की समग्र सीमा पर उपलब्ध होगा और पशुपालन और/ या मत्स्यपालन से संबंधित क्रियाकलापों में शामिल प्रति किसान अधिकतम 2 लाख रुपए तक होगा । फसल ऋण घटक की सीमा ब्याज सहायता और शीघ्र अदायगी प्रोत्साहन लाभ के लिए प्राथमिकता लेगी और शेष राशि को पशुपालन और / या मत्स्यपालन के लिए ऊपर उल्लिखित सीमा के अधीन माना जाएगा।
10.	कोलैटरल	<p>1.6 लाख तक कोई कोलैटरल की आवश्यकता नहीं है।</p> <p>उन किसानों के मामले में जिनका दूध दुग्ध संघों द्वारा खरीदा जाता है, उत्पादकों और प्रसंस्करण इकाइयों के बीच बिना किसी बिचौलिए के भुगतान को सीधे उनके बैंक खाते में जमा करके टाई-अप व्यवस्था के तहत आता है और इसलिए कोलैटरल के बिना क्रेडिट सीमा 3 लाख रुपये तक हो सकती है। इस मामले में दुग्ध संघ से उपक्रम की आवश्यकता है।</p> <p>दुग्ध संघ बैंक और किसान (यदि किसान सहमत हैं) के साथ सामान्य त्रिपक्षीय समझौता कर सकता है और चूक के मामले में बैंक को केसीसी बकाया भुगतान का आश्वासन दे सकता है। ऐसे मामले में बैंक बिना कोलैटरल के 3 लाख रुपये तक की क्रेडिट सीमा बढ़ाने के लिए आरबीआई के दिशानिर्देशों का उपयोग कर सकता है जैसा की किसान पहले से ही बिना किसी बिचौलियों के प्रसंस्करण सह विपणन इकाई (दूध संघ) के साथ गठजोड़ की व्यवस्था कर चुके हैं। केसीसी का लाभ उठाने वाले डेयरी किसानों को डेयरी यूनियन द्वारा भुगतान केवल नामित केसीसी खाते के माध्यम से किया जाना चाहिए।</p> <p>दुग्ध संघ समय पर बैंक बकाया का भुगतान करने के लिए बैंक के साथ एक नो कॉस्ट सर्विस व्यवस्था भी कर सकता है ताकि किसान शीघ्र पुनर्भुगतान और बढ़ी हुई कोलैटरल मुक्त ऋण सीमा के लिए 3% प्रति वर्ष के अतिरिक्त ब्याज सहायता का लाभ उठा सकें।</p>
	आवश्यक दस्तावेज़(सामान्य रूप में)	<p>1. पहचान प्रमाण पत्र: सरकारी प्राधिकरण द्वारा जारी वोटर आईडी कार्ड / ड्राइविंग लाइसेंस / पैन कार्ड / आधार कार्ड / पासपोर्ट / फोटो आईडी की सेल्फ अटेस्टेड कॉपी आदि।</p> <p>निवास प्रमाण पत्र: सरकारी प्राधिकरण / स्थानीय पंचायत / नगर पालिका द्वारा जारी हालिया टेलीफोन बिल / बिजली बिल / संपत्ति कर रसीद (2 महीने से अधिक पुरानी नहीं) / मतदाता पहचान पत्र / आधार कार्ड / पासपोर्ट / प्रमाण पत्र आदि।</p>

		आवेदक का हालिया फोटो (2 प्रतियां) जो 6 महीने से अधिक पुराना नहीं हो। भूमि रिकॉर्ड - यदि लागू हो तो ही।
11.	पशुपालन और डेयरी क्रियाकलापों के लिए	आवेदक द्वारा रखे गए दुधारू पशुओं/ जानवरों की संख्या और किसान की ओर से वचनबद्धता कि पशुओं का निपटान (डिस्पोज़ ऑफ) नहीं किया जाएगा और जरूरत पड़ने पर पशु को अन्य पशुओं के साथ बदल दिया जाएगा। पशुओं को रखने/ क्रियाकलाप के लिए उपलब्ध स्थान/ शेड का विवरण (स्वामित्व या किराए/ पट्टे सहित) - नाबार्ड के दिशा-निर्देशों के अनुसार पशुओं को रखने के लिए पर्याप्त स्थान/शेड उपलब्ध होना चाहिए।
	कुक्कुट पालन क्रियाकलापों के लिए	iv. ब्रायलर/लेयर के लिए आवेदक द्वारा रखे गए पक्षियों की संख्या और किसान से यह वचनपत्र कि पक्षियों का निपटान (डिस्पोज़ ऑफ) नहीं किया जाएगा और जरूरत पड़ने पर पक्षियों को अन्य पक्षियों/ नए झुंडों के साथ बदल दिया जाएगा। v. द्वितीय पक्षियों को रखने/ क्रियाकलाप के लिए उपलब्ध स्थान/ शेड का विवरण (स्वामित्व या किराए/ पट्टे सहित) - पक्षियों को रखने के लिए पर्याप्त स्थान/ शेड उपलब्ध होना चाहिए। vi. आवेदक द्वारा पक्षियों का बीमा किया जाना चाहिए और यदि आवश्यक हो तो वित्तपोषण के लिए विचार किया जा सकता है। (पक्षी बीमा की छूट इस शर्त के साथ कि उधारकर्ता प्रति वर्ष 5.00 रुपये प्रति पक्षी की दर से एकमुश्त जोखिम निधि बनाने का वचन देता है। कॉर्पस को पूर्ण (पोल्ट्री फार्म में पक्षी की परत क्षमता की अधिकतम संख्या) से जोड़ा जाएगा।
	मत्स्यपालन क्रियाकलापों के लिए	iii. अंतर्देशीय और खारे पानी की मात्स्यिकी के मामले में आवेदक द्वारा धारित तालाब/टैंक का क्षेत्र/झीलें, जलाशयों का विवरण जहां क्रियाकलाप किया जाती है। तटीय क्षेत्रों के लिए लागू खारे पानी (खारा पानी) मछली और झींगा पालन के मामले में क्षेत्र का विवरण उपलब्धता के लिए स्रोत का विवरण फिंगरलिंग/ बीज सक्षम प्राधिकारी से मछली पकड़ने के लिए लाइसेंस/ अनुमति का विवरण। iv. द्वितीय समुद्री मत्स्य पालन: के माध्यम से देशी नौकाओं के माध्यम से पारंपरिक मछली पकड़ना। यंत्रिकृत मोटरबोटों के माध्यम से तटीय यंत्रिकृत मछली पकड़ना। मछली पकड़ने वाले ट्रॉलरों/ पोतों के माध्यम से गहरे समुद्र में मछली पकड़ना।

		सक्षम प्राधिकारी से मछली पकड़ने के लिए लाइसेंस/ अनुमति का विवरण
12.	आवेदन का तरीका	आवेदक अपने परिचालन क्षेत्र में किसी भी बैंक शाखा में आवेदन पत्र भरकर या ऑनलाइन मोड के माध्यम से भौतिक मोड में आवेदन जमा कर सकते हैं
13.	बैंकों के लिए सामान्य सलाह	<ul style="list-style-type: none"> i. आवेदन पत्र सभी बैंकों की वेबसाइटों पर अपलोड किया जाना चाहिए और स्थानीय भाषा में व्यापक रूप से प्रसारित किया जाना चाहिए ii. त्वरित प्रसंस्करण और अनुमोदन सुनिश्चित करने के लिए, जहां भी संभव हो, फार्म प्राप्त करने और पशुपालन और मत्स्य पालन किसानों को उचित मार्गदर्शन प्रदान करने के लिए शाखाओं में समर्पित डेस्क स्थापित किए जा सकते हैं। iii. आवेदन पत्र भरते समय, आवेदक को पीएमएसबीवाई और पीएमजेजेबीवाई के तहत कवरेज के लिए सहमति देने के लिए प्रोत्साहित किया जाएगा, क्योंकि इससे केसीसी की सुविधा के अलावा किसानों को बहुत आवश्यक सामाजिक सुरक्षा कवर मिलेगा। iv. पात्र पशुपालन, डेयरी और मत्स्य पालन गतिविधियों से बैंकों द्वारा प्राप्त आवेदनों को नए केसीसी जारी करने या मौजूदा में वृद्धि के लिए मौजूदा दिशानिर्देशों के अनुसार पूर्ण आवेदन पत्र जमा करने की तारीख से अधिकतम दो सप्ताह की अवधि के भीतर तेजी से संसाधित किया जाना चाहिए। केसीसी सीमा या, बैंक नीति और नियामक दिशानिर्देशों के अनुसार नियत प्रक्रिया और सत्यापन के बाद निष्क्रिय केसीसी खाते का सक्रिय करना। v. अस्वीकृति का कारण, यदि कोई हो, आवेदक को स्पष्ट रूप से सूचित किया जाना चाहिए। vi. बैंकों को पशुपालन, डेयरी और मत्स्यपालन किसानों को स्वीकृत केसीसी की प्रगति की ऑनलाइन रिपोर्ट वित्तीय सेवाओं के विभाग को नियमित रूप से देनी चाहिए vii. इंडियन बैंक्स एसोसिएशन ने दिनांक 04.02.2019 के पत्र संख्या एसबी/सीआईआर/केसीसी/2018-19/6778 के माध्यम से सभी बैंकों को प्रसंस्करण, दस्तावेज़ीकरण, निरीक्षण, खाता बही शुल्क और अन्य सभी सेवा शुल्क माफ करने के लिए एक परामर्शी दिशानिर्देश जारी किया था। भूमिहीन, छोटे और सीमांत किसानों की कठिनाई और वित्तीय संकट को ध्यान में रखते हुए 3 लाख रुपये तक के केसीसी/ फसल ऋण के लिए। केसीसी जारी करने के लिए आवेदन पर कार्रवाई करते समय इन निर्देशों का पालन किया जाए।

		<p>*पीएम किसान के पात्र लाभार्थियों और डेयरी, मुर्गी पालन और मत्स्य पालन में लगे किसानों को बैंक नीति और नियामक दिशानिर्देशों के अनुसार उचित प्रक्रिया और सत्यापन के बाद, पूर्ण आवेदन पत्र जमा करने से अधिकतम दो सप्ताह के भीतर, कम से कम संभव समय के भीतर केसीसी जारी किया जाता है।</p>
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F. No. 11-18/3/2021-PLIS Division
भारत सरकार/ Government of India
खाद्य प्रसंस्करण उद्योग मंत्रालय
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Panchasheel Bhavan, August Kranti Marg
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दिनांक: 02.05.2021

Subject: Operational Guidelines of the New Central Sector Scheme "Production Linked Incentives Scheme for Food Processing Industry" (PLISFPI)

Government of India (GOI) has approved a new Central Sector Scheme - "Production Linked Incentive Scheme for Food Processing Industry (PLISFPI)" for implementation during 2021-22 to 2026-27 with an outlay of Rs. 10,900 crore. The scheme is being implemented by Ministry of Food Processing Industries (MoFPI).

2. Based on the consultations/ meetings with industry players, various comments received from industry associations and other stakeholders including the line ministries and NITI Aayog, the operational guidelines of the "Production Linked Incentive Scheme for Food Processing Industry (PLISFPI)" have been finalized.
3. The operational guidelines for the "Production Linked Incentive Scheme for Food Processing Industry (PLISFPI)" are hereby notified for the information of all the stakeholders and general public.



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Guidelines on Production Linked Incentive (PLI) Scheme for Food Processing Industry

PLISFPI



MAY 2, 2021

MINISTRY OF FOOD PROCESSING INDUSTRIES
Government of India

F. No.11-18/3/2021-PLIS
Government of India
Ministry of Food Processing Industries

Dated: 2nd May, 2021

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Guidelines on Production Linked Incentive (PLI) Scheme for Food Processing Industry

1. Objective

- 1.1 The objective of the scheme is to support the creation of global food manufacturing champions; promote Indian brands of food products; increase employment opportunities for off-farm jobs, ensure remunerative prices of farm produce and higher income to farmers.

2. Components

- 2.1 The objectives are sought to be achieved through the introduction of a Production Linked Incentive (PLI) Scheme. The scheme has three broad components.
- 2.2 The first component relates to incentivising manufacturing of four major food product segments viz. Ready to Cook/ Ready to Eat (RTC/ RTE) including millet-based foods, Processed Fruits & Vegetables, Marine Products & Mozzarella Cheese.
- 2.3 The Second component is for incentivising Innovative/ Organic products of SMEs across all the above four food product segments including Free Range - Eggs, Poultry Meat & Egg Products.
- 2.4 The third component relates to support for branding and marketing abroad to incentivise the emergence of strong Indian brands

3. Definitions

- 3.1 Guidelines: Guidelines on Production Linked Incentive (PLI) Scheme for the food processing industry.
- 3.2 Product Segment: Food products are categorised as a segment which are eligible to be covered under PLI Scheme. There are four segments viz. Ready to Cook/ Ready to Eat (RTC/ RTE) foods including Millet products, Processed Fruits & Vegetables, Marine Products and Mozzarella Cheese. Innovative/ Organic products of SMEs in these segments, including Free Range - Eggs, Poultry Meat, Egg Products, are also covered.
- 3.3 Product Groups: Group of products covered under each Product Segments and manufactured in India. Product Groups under each Product Segments are listed in Col. 2 of **Appendix B** of this Guidelines.

- 3.4 SME: As defined through notification under Micro, Small and Medium Enterprises Development Act, 2006.
- 3.5 Applicant: Applicant for the purpose of the Scheme shall be (i) Proprietary Firm or Partnership Firm or Limited Liability Partnership (LLP) or a Company registered in India (ii) Co-operatives; and (iii) SME and making an Application for seeking approval for coverage under the Scheme. Applicant may include
- 3.5.1 A Company applying on its own behalf and its subsidiary/ies provided the Applicant company holds more than 50% of the stock of its subsidiary/ies and that none of such subsidiary company/ies is included in any other Applicant company under the Scheme; or
- 3.5.2 Marketing Federation or Apex level co-operatives applying on behalf of Member Unions or Member co-operatives in the case of co-operatives.
- 3.6 Subsidiary: As defined under Section 2(87) of the Companies Act, 2013.
- 3.7 Application: Application submitted under the scheme by an Applicant to the PMA as per the Application Format prescribed under the Scheme Guidelines containing requisite information along with required supporting documents and Application fee.
- 3.8 Application Acknowledgement Date: The date on which an Application is acknowledged by the PMA after carrying out initial scrutiny. PMA shall issue an online acknowledgement of receipt of the Application within 15 working days of receipt of Application after scrutiny of Application (as per checklist at **Annexure-2**). This acknowledgement shall not be construed as approval under the Scheme. In case, where on examination it is found that an original or a revised Application does not prima facie meet the eligibility criteria as prescribed, the PMA shall inform the Applicant accordingly within 15 working days of receipt of Application and the Application shall be closed.
- 3.9 Application Approval Date: The date on which approval letter under the Scheme is issued by the MoFPI or PMA under authorization by MoFPI.
- 3.10 Application Window: Time allowed for filing of Applications. Application Window shall be specified in the EoI. MoFPI reserves the right to modify the Application Window.
- 3.11 Contract Manufacturer: Manufacturer obliged under a legal contact with the Applicant to manufacture food products and supply to that Applicant.
- 3.12 Category-I, II & III Applicants:

- 3.12.1 **Category-I:** Applicants are large entities who apply for Incentive based on Sales and Investment Criteria. Applicants under this category could undertake Branding & Marketing activities abroad also and apply for Incentives under the scheme.
- 3.12.2 **Category-II:** SMEs Applicants manufacturing innovative/ organic products who apply for PLI Incentive based on Sales.
- 3.12.3 **Category-III:** Applicants applying solely for Incentive for undertaking Branding & Marketing activities abroad.
- 3.13 **Financial Year:** Financial Year (FY) begins on the 1st of April of a year and ends on 31st March of the following year.
- 3.14 **Implementation Years:** Refers to FY 2021-22, FY 2022-23, FY 2023-24, FY 2024-25, FY 2025-26 and FY 2026-27 indicated respectively as Y1, Y2, Y3, Y4, Y5 and Y6.
- 3.15 **Date of Commercial Production:** The date on which the Applicant raises the first GST invoice for the Sale of eligible products manufactured from the operation of P&M for which investment commitments were made in the Application.
- 3.16 **Force Majeure:** Extraordinary events or circumstances beyond human control such as events described as an act of God (like a natural calamity) or events such as a war, strike, public health emergency, riots, crimes (but not including negligence or wrong-doing, predictable/ seasonal rain and any other events specifically excluded).
- 3.17 **Greenfield Project:** Project(s) wherein investment is proposed to be made by the Applicant under this Scheme in a new production facility.
- 3.18 **Expansion of Project:** Project (s) wherein investment is proposed to be made in a new plant in the premises of an existing production facility. Separate records, for the purpose of the Scheme, shall however be maintained for the existing and new plant(s) in the premises of an existing production facility.
- 3.19 **Incentive:** Incentive is the financial benefit to be provided to each selected Applicant based on the increase in Sales of the eligible products in the selected segment.
- 3.20 **Manufacturing:** In accordance with Central Goods and Services Tax (CGST) Act, 2017, manufacturing shall mean processing of raw material or inputs in any manner that results in the emergence of a new product having a distinct name, character and use and the term "manufacturer" shall be construed accordingly.

- 3.21 Sales: Sales shall mean the Gross Sales of food products, either in bulk or consumer package, net of GST, credit notes (raised for any purpose) and discounts (including but not limited to cash, volume, turnover, target or for any other purpose) as per GST Invoice.
- 3.22 Incremental Sales: Incremental Sales for a particular Year means Sales in that Year less the Sales of the corresponding period in the Base year.
- 3.23 Base Year: Base Year for calculation of Incremental Sales and Incentive payable would be the value of Sales of the Applicant in FY 2019-20 for the first 4 years. For 5th & 6th years, the base year would shift to FY 2021-22 & FY 2022-23 respectively ie. the first and second year of the coverage of the Applicant under the scheme.
- 3.24 Project Management Agency (PMA): Refers to any Agency (ies) appointed by the MoFPI to act on its behalf for receipt and appraisal of Applications, verification of eligibility and examination of disbursement claims through any method/ document deemed appropriate and for managing the above-mentioned in accordance with these Guidelines.
- 3.25 Empowered Group of Secretaries (EGoS): The Committee, constituted by the Department for Promotion of Industry and Internal Trade vide Gazette Notification Order No. P 36017/144/2020-Investment Promotion dated 10.6.2020.

4. Tenure of the Scheme

- 4.1 The tenure of the Scheme is six years from Financial Year 2021-22 to Financial Year 2026-27.
- 4.2 The Incentive payable for a particular year will be due for payment in the following year. The Incentive payable for 2026-27 will be due for payment in 2027-28.

5. Eligibility

- 5.1 Support under the scheme shall be provided only to the Applicants engaged in manufacturing of food products in India & sales of such products covered under the target Segments. SME Applicants should engage in such activities for innovative/ organic food products.
- 5.2 Eligibility criteria, in terms of total Sales of food products and Minimum Investment for different Categories of Applicants, are given in the **Appendix-A**. An applicant shall have total sale of food products above minimum sales given in **Appendix A** in the Base Year. For the purpose of minimum sales here the food products mean any food product sold in

consumer packs including the food products included in four segments given in **Appendix-B**. An applicant shall agree to undertake minimum investment as given in **Appendix-A**. However, if more applicants are there than the number to be selected finally in a segment, then the selection criteria includes committed investment that the selected company proposes to make by the end of year 2022-23. The committed investment shall be greater than the Minimum investment given in **Appendix-A**.

- 5.3 Product Groups/ Products covered under different Segments for selection of Applicants are given in the **Appendix-B**.
- 5.4 The Applicants shall indicate the Segment and the Product Groups in that Segment in the Application for coverage under the Scheme.
- 5.5 The Applicant may also include those products which the Applicant is not manufacturing currently but intends to manufacture during the project period. If a selected entity starts manufacturing a new product, covered in the Segment approved for the Applicant, the same could be added later after notifying the same to MOFPI/ PMA.
- 5.6 The entire chain of manufacturing processes, including primary processing, of the food products of the relevant segment applied for coverage under the scheme shall take place in India. However, for additives, flavours and edible oils this condition would not apply
- 5.7 The entire chain of manufacturing process of food products, starting for raw materials, shall be specified in the Application in respect of food products included in the Application and having sales above Rs 50 crore per annum.
- 5.8 Applicants are eligible to apply for one or more Segments under **Category-I**. However, such Applicants will be required to make separate Applications for each of the product segments and meet minimum Sales and investment criteria for each of the Segments applied for.
- 5.9 The Applicant should not have been declared as bankrupt or wilful defaulter or defaulter or reported as fraud by any bank or financial institution or non-banking financial company. The Applicant/ Promoters should not appear in the SEBI Debarred List.

6. Investment:

- 6.1 Investment: Investment shall mean expenditure incurred on the installation of new plant & machinery, technical civil work and associated infrastructure

- by the Applicant and its contract manufacturers. All Non creditable Taxes & duties included in expenditure.
- 6.2 Technical Civil work: This shall include expenditure on construction of building where new plant and machinery are installed
 - 6.3 Associated Infrastructure: This shall include expenditure on infrastructure including internal roads, storage, testing laboratory and compound wall. However, the expenditure on the associated infrastructure shall be limited to 20% of the investment in new plant & machinery.
 - 6.4 Minimum Investment: The minimum amount of fresh investment which the Applicant shall be required to make under the scheme provision. Minimum investment as indicated in **Appendix-A** shall only be on Plant & machinery, Technical civil works and Associated infrastructure.
 - 6.5 Committed Investment: The Committed Investment of an Applicant is the investment which the Applicant commits to invest for coverage under the scheme while applying. Committed Investment would include minimum investment, investment over and above Minimum Investment (if any) and investment in Branding & marketing abroad (for the first two years of the scheme).
 - 6.6 If the Applicant proposes to set up a new plant in premises of an existing production facility, the Applicant may utilise existing ancillary facilities viz. ETP, quality control lab, warehousing area and other facilities of the existing production facility, for the manufacture of eligible product. However, the investment already made in the ancillary facilities shall not qualify for the purpose of the Committed Investment to be made under the Scheme.
 - 6.7 Committed and Minimum Investment shall be made for manufacture of food products that the Applicant chooses for PLIS at the Application stage.
 - 6.8 Committed Investment requirement should be met by selected Applicant either directly and/ or in combination with contract manufacturers. Investment by contract manufacturer could only be counted towards committed investment if 100% of the manufactured output of that contract manufacturer would be supplied to the Applicant.
 - 6.9 Investments are required to be made in two years ie. in 2021-22 and 2022-23. However, investments in plant & machinery already made in the year 2020-21 would also be counted for calculations of Minimum and Committed Investment.

- 6.10 The Applicant shall indicate the investment made in 2020-21 and the amount of investment to be made in 2021-22 and 2022-23 in the Application Form.
- 6.11 The investment shall be a Greenfield project or expansion of the existing manufacturing unit.
- 6.12 Plant & Machinery and Equipment should be purchased/ leased in the name of the Applicant and its contract manufacturers. In cases where these are being leased, the lease should be in the nature of a financial lease within the meaning of Accounting Standard 19 – Leases or Indian Accounting Standard (Ind-AS) – 116 Leases, as may be applicable to the Applicant, as notified by Ministry of Corporate Affairs or any other appropriate authority from time to time. Finance lease should lead to the Applicant and its contract manufacturers owning the plant after payment of the lease amount.
- 6.13 For compliance of Minimum/ Committed Investment, the installation of Plant & machinery, construction of technical civil work and commencement of commercial production should be between 1.4.2020 and 31.3.2023.
- 6.14 The PMA will rely on certificates of Chartered Engineers (CE) [CE (Civil) for technical civil work and CE (Mechanical) for plant & machinery and equipment] registered with the Institute of Engineers India (IEI) for the assessment of the compliance of Committed Investment by the Applicant.
- 6.15 The Chartered Engineer/s shall, *inter_alia*, verify the documents from the Applicants as may be necessary to establish the value of P&M, date of installation of P&M, commencement/ completion of Technical civil work, measurement and estimated value.
- 6.16 PMA shall evaluate the assessment made by the Chartered Engineer and may carryout physical inspection of the plant/ sites, check date of commercial production, and make recommendation to MoFPI on the compliance of Committed Investment by the Applicant.
- 6.17 Expenditure incurred on Land: The expenditure incurred on land required for the project/ unit shall not be considered for determining minimum/ Committed Investment.
- 6.18 No second hand/ used/ refurbished plant, machinery, equipment, utilities, or research and development equipment shall be considered for inclusion under Committed Investment.
- 6.19 Expenditure on guest house building, recreational facilities, office building, residential colonies, and similar structures shall not be considered for determining the Committed Investment.

- 6.20 Expenditure on consumables and raw material used for manufacturing shall not be considered as Investment.

7. Branding & Marketing:

- 7.1 Under the scheme, Incentive is extended for the promotion of only Indian Brands abroad.
- 7.2 Support for Branding is intended for developing market for all Indian food products in branded consumer packs including those covered in the four product segments given in **Appendix-B**.
- 7.3 If a **Category-I** Applicant wants to avail of the grant for Branding & Marketing abroad, it has two options. Applicant could apply for Branding & Marketing under both **Categories I & III**. If such an Applicant is selected in **Category-I**, the application in **Category- III** would become infructuous. If that applicant is not selected in **Category-I**, the application under **Category-III** would be considered. For applying for Branding and Marketing abroad grant, the applicant shall submit a five-year proposal for Branding. The expenditure on Branding proposed for Y1 and Y2 in the proposal under **Category-I** will be included as a part of Committed Investment for the Application. However, incentive on Branding & Marketing for Application under **Category-I** would be payable for the entire five years based on the proposal of the Applicant.
- 7.4 An indicative list of activities covered under Branding & Marketing are In-store Branding, Shelf Space Renting, Listing Fee, Electronic/ Social Media and Print Media, outdoor publicity, billboard, commercial advertisement on channels etc.
- 7.5 The Expenditure will not cover trade discounts, expenditure incurred on distribution, and overseas logistics expenditure.
- 7.6 The entities shall submit a five-year plan or for balance period of the tenure of the scheme (also indicating the activity-wise current level of expenditure on in store Branding & marketing) in the target markets for availing such assistance
- 7.7 The proposals shall indicate the Brand/ food products proposed to be promoted. The Applicant may later also include products that the Applicant has not covered at the Application stage after notifying the same to MoFPI/ PMA.

- 7.8 Expenditure made in 2020-21 on Branding abroad shall not be taken into account for Committed Investment and selection of Applicants.
- 7.9 Delay or non-achievement of the expenditure on Branding and Marketing if included in the Committed expenditure for selection would be subject to a reduction in an incentive as applicable to Committed Investment for payment of sales-based Incentive. Ineligibility for sales-based Incentive due to lower than minimum growth rate in sales, however, would not make the Applicant ineligible for a grant on incentive for branding abroad.
- 7.10 Applicants will be extended financial incentives @ 50% of expenditure on Branding & Marketing abroad subject to a maximum grant of 3% of Sales of food products or Rs 50 crore per year, whichever is less. The minimum expenditure for Incentive shall be Rs. 5 crore over a period of five years. In such case, an admissible grant would be Rs 2.5 crore.
- 7.11 GOI share in Branding Expenditure, of an Applicant, for a Year will be reimbursed in the following year.

8. Selection Process

- 8.1 All eligible Applicants shall be ranked on the basis of marks obtained in the evaluation criteria as given in **Appendix-E**. The Applicant securing the highest marks for a segment applied for shall be ranked first, followed by Applicant securing second highest marks and so on. The selection of the Applicants shall be in the order of their ranks.
- 8.2 Two or more waitlisted Applicants, if available, would be maintained along with selected Applicants for each eligible product segment
- 8.3 The number of selected Applicants shall be limited by the budget availability and allocation for the Segment.
- 8.4 No company selected for a segment would get, as an incentive, more than 25% of the total budget for that segment and no company would get less than 5% of the segment outlay. In the case of Fruits & Vegetables segment, the requirement of minimum incentive at 5% of outlay may be relaxed.
- 8.5 Inter-segment allocation of funds would be permitted on the condition that allocation for Fruits and Vegetables Segment and for Branding & Marketing abroad would not be reduced but may be increased.

9. Computation and Payment of Incentive

- 9.1 The Incentive payable for a selected Applicant for a particular year shall be computed as follows:

Incentive= Incremental Sales in Approved Product Segment x
corresponding Rate of Incentive as in **Appendix-C**.

- 9.2 Incentive is payable from the year of selection up to the end of the Scheme period.
- 9.3 Selected Applicants are required to achieve minimum CAGR in Sales over the base year, as given in **Appendix-D** and illustration thereon, to claim Incentive.
- 9.4 Minimum growth in terms of CAGR over base year to be eligible to receive Incentive would be calculated for all the Products Group of the Segment selected by the Applicant for inclusion in PLIS.
- 9.5 In the event industry in any segment faces lower growth due to Force Majeure or for any other reasons, the EGoS may review the prescribed minimum growth rate for the segment.
- 9.6 Applicant shall complete the Committed Investment, year-wise, as proposed in the Application. 10% of the Incentive due for Y1 and Y2 will be deducted- if they fail to complete the investment as Committed. However, if at the end of Y2, the Committed Investment is completed, then the amount deducted for Y1 would be paid to the company. By the end of Y3, if the Committed Investment is not completed, the selected Applicant will be taken out from PLIS for Sales-based Incentive by MoFPI.
- 9.7 The bank guarantee shall be invoked in such case following which the offer letter issued would stand cancelled.
- 9.8 Applicant entities selected for multiple product segments would be required to meet minimum growth in Sales and investment segment-wise.
- 9.9 The assessment of incremental Sales shall be based on statutory filings with Government Departments/ Agencies and audit reports and other documents as required by the PMA from time to time, for processing the claims.
- 9.10 Incentives under the scheme for a particular year will be disbursed in the following year.
- 9.11 Eligibility under the Scheme shall not affect eligibility for Incentive or any other benefits under any other scheme and vice versa.

10. Application

- 10.1 Application will be invited through Expression of Interest (EOI).
- 10.2 EOI will be released for Category-I Applicants in 2021-22 for coverage under Sales-based Incentive and Branding/ Marketing. The selection will be for the entire programme period.
- 10.3 EOI will be released for Category-II SME Applicants for innovative/ Organic products for Sales-based Incentive and Category – III for Branding & Marketing during each of the first 3 years viz. 2021-22, 2022-23, and 2023-24, depending up on the availability of fund. The coverage of such Applicants will be for the balance of programme period ie. from the date of selection till 31.3.2027.
- 10.4 MoFPI will consider the further release of EOI depending upon the response of different Categories of Applicants and availability of funds.
- 10.5 Application Window will be specified in the EOI. No Application shall be accepted after the end of the Application window.
- 10.6 Applicant is required to submit the Application as per Application Form prescribed in **Annexure-1**.
- 10.7 An Applicant shall specify his / her own and contract manufacturers' manufacturing sites which are proposed to be used for sourcing of eligible manufactured products for Sale.
- 10.8 An Applicant shall submit an undertaking in the format as per **Annexure-7** consenting audit of their manufacturing sites/ offices for verification of information/ data submitted along with the Application.
- 10.9 On receipt of an Application in the prescribed format, PMA will conduct an examination as per checklist in **Annexure-2**. The aforesaid prima facie examination shall be completed within 15 working days from the date of receipt of the original Application window or any subsequent submission of the revised Application, if the original filling was returned as incomplete earlier. No original Application will be accepted after the end of the Application window.
- 10.10 In case, on the above-mentioned examination, an Application is found to be incomplete, PMA shall inform the Applicant accordingly within 15 working days of receipt of the Application. An Applicant must complete an incomplete Application within 10 working days of such communication

from PMA, failing which the Application would be rejected under intimation to the Applicant.

- 10.11 A non-refundable Application fee would be payable for each Application. Such fee is Rs 1,00,000 (Rupees One Lakh) for Category-I Applicants and Rs 10,000 (Rupees ten thousands) for Category-II Applicants. Under Category-III applicant, Rs 10,000 (Rupees ten thousand) and Rs 50,000 (Rupees fifty thousand) would be payable by SME and other Applicants respectively.

11. Online Portal

- 11.1 All Applications will be submitted through an online portal maintained by the PMA.
- 11.2 Upon successful submission of an Application, PMA will issue a unique Application ID to the Applicant for all future references pertaining to the Scheme.
- 11.3 Application can be made on the online portal, URL of which is <https://plimofpi.ifcilttd.com>
- 11.4 A web based MIS should be commissioned by PMA for online monitoring of the progress in implementation of the projects, enable it in taking interim corrective measures, if required.

12. Project Management Agency (PMA)

- 12.1 The Scheme will be implemented through a Project Management Agency (PMA) which will be responsible for providing secretarial, managerial and implementation support and carrying out other responsibilities as assigned by MoFPI from time to time.
- 12.2 The PMA shall be responsible, inter alia, for:
- (i) Receipt of Application, examination, and processing of Applications and issuing acknowledgements.
 - (ii) Weekly submission to MoFPI, the status of Applications received and processed under the Scheme.
 - (iii) Assist Committees constituted under the scheme to facilitate their recommendations.
 - (iv) Making appropriate recommendations to MoFPI in line with **Annexure-3** for approval of Applications under the Scheme.

- (v) Verification of Committed Investment for determining eligibility for disbursement of Incentive.
- (vi) Examination of claims for disbursement of Incentives and making appropriate recommendations to MoFPI.
- (vii) Verification of the disbursement claims with the relevant documents.
- (viii) Compilation of data regarding progress and performance of the Scheme through Quarterly Review Reports as per **Annexure-6** and other information / documents.
- (ix) Providing secretarial and other support to MoFPI for carrying out its responsibilities.
- (x) The PMA may request for additional information, details and documents from the Applicant as deemed necessary
- (xi) The PMA will have the right to carry out physical inspection of an Applicant's manufacturing units and offices through site visit.

13. Empowered Group of Secretaries (EGOS)

The Empowered Group of Secretaries (EGOS) chaired by the Cabinet Secretary will monitor the implementation of the Scheme and undertake periodic review of the outgo to ensure that the expenditure is within the prescribed outlay. The EGoS, will also carry out changes in the modalities of the scheme to address issues arising during the course of its implementation, within the contours of Cabinet approval and overall financial outlay of Rs 10,900 crore

14. Committees

- 14.1 A Committee will be constituted by MoFPI, under the Chairmanship of Minister, FPI or as decided subsequently, for taking necessary decisions within the mandate of the Ministry viz approval of scheme Guidelines and their amendments including eligibility criteria, selection criteria, composition of products in different Segments, inter-component/ segment allocation of outlay, minimum required growth rate to become eligible for incentive, fix/ relax norms on number of companies, selection of Applicants, sanction & release of funds as incentives provided that the expenditure shall be restricted to the approved outlay. MoFPI shall not change the approved rate of incentives for different segments of food products.
- 14.2 MoFPI will also constitute Technical Committee/s, as required, to render advice on issues related to product classification, the inclusion products with

different levels of Millets, manufacturing processes, Innovative / Organic Products, Branding & Marketing etc.

15. Approval

15.1 Approval Process:

15.1.1 On receipt of Applications, the PMA should share relevant information with the concerned Committees for their advice as decided by MOFPI.

15.1.2 The PMA would process the Applications and make appropriate recommendations to the MoFPI for approvals under the Scheme.

15.1.3 The MoFPI would consider Applications, as recommended by PMA for approval under the Scheme.

15.1.4 All the Applications should be finalized within 90 days from the date of closure of Application window, subject to completeness of documents from the Applicants, as required, for evaluation.

15.1.5 After receiving approval from MoFPI, the PMA should issue a letters to the selected Applicants within 5 working days, communicating approval under the Scheme.

15.1.6 The approval letter shall clearly state the following:

- (i) Name of Applicant
- (ii) Eligible Product Segment & Food products to be manufactured
- (iii) Specification on the chain of manufacturing processes of the food products, if any
- (iv) Base Years for calculation of Incentives
- (v) Base Year 2019-20 Sales as informed by the Applicant in its Application form
- (vi) Projected Incremental Sales for Y1-Y6
- (vii) Year-wise Rate of Incentives
- (viii) Committed Investment and expenditure in B&M, as applicable, Year-wise
- (ix) Scheduled date of commencement of commercial Production
- (x) Other specification, if any.

15.1.7 In case, an Applicant is selected for multiple eligible product segments, separate approval letters would be issued and all the

requirements shall be complied separately for each case by the Applicant.

- 15.1.8 The aforesaid approval letter(s) shall not be construed as a guarantee for disbursement of Incentive as the same would be dependent upon verification of eligibility for Incentive after submission of disbursement claim and other criteria defined in these Guidelines.
- 15.1.9 The selected Applicants shall submit, within two weeks of date of issuance of approval letter by the PMA, a performance bank guarantee of an amount equivalent to 3% of the Committed Investment, in favour of MoFPI, valid for three years or till MoFPI releases such Guarantee, whichever is later.
- 15.1.10 If a selected Applicant is found to be ineligible at any stage, or if it has not complied with notifications, orders, Guidelines etc. issued under the Scheme, or declines the offer of the approval under the scheme at any stage, for any reason, the Incentive claim of such selected Applicant shall be forfeited. The bank guarantee shall be invoked following which the offer letter issued shall stand cancelled.
- 15.1.11 In such case, the offer may be extended to the waitlisted Applicant provided a minimum of 3 years' residual period under the scheme is available.

15.2 Post Approval

- 15.2.1 PMA should monitor the progress of the project made by the selected Applicants, as and when required with respect to investment Committed.
- 15.2.2 PMA should monitor the rollover of the bank guarantees and shall take timely action for releasing / invoking the bank guarantees as per these Guidelines.

16. Disbursement of Incentive

- 16.1 For claiming Incentive under the Scheme, Applicants shall submit claims for disbursement of Incentive to the PMA. Applicants shall ensure that the claims are complete in all respects and are accompanied by all the documents required as per format prescribed in **Annexure-4** of these Guidelines.

- 16.2 An Applicant shall submit claim for disbursement of Incentive on annual basis that is for the Sales made in the period of April to March of the previous Financial Year. Claims for any period shall be made only once, unless withdrawn, and no subsequent part claims shall be allowed for the said period.
- 16.3 In case an Applicant makes a claim for Incentive for multiple products segments, separate Applications shall be submitted for each of such segment.
- 16.4 Claims for disbursement of Incentive shall be filed by the Applicants within 9 months from the end of the financial year to which the claim pertains to.
- 16.5 On receipt of Claim for disbursement, the PMA should share relevant information with the concerned Technical Committee for their advice as required in the mandate of the Committee or on any other issue referred by MOFPI to the concerned Committee. The Committees should provide their advice on the matters referred to them.
- 16.6 The PMA should assist the Committees to facilitate their recommendation in a time-bound manner. The recommendations of the Committee should be taken into account by the PMA in scrutinising the claims of the Applicants.
- 16.7 The PMA would examine the disbursement claims as submitted by an Applicant. The PMA should verify eligibility and assess Incentive payable to an Applicant based on the method laid down in these Guidelines and the approval letter issued to the Applicant.
- 16.8 The Applicant is required to submit the calculation of Sales with every claim, along with a certificate from Statutory Auditor in the case of a company and Independent Chartered Accountant in the case of Proprietorship, Partnership firm & LLP.
- 16.9 The PMA shall have the right to verify any document(s) in relation to the claim for Incentives including but not limited to Statutory Auditor or Independent Chartered Accountant certificates, whichever is applicable, and returns furnished to various Ministries / Departments / Agencies. The PMA shall also have the right to examine the end realization and settlement/ payments corresponding to Sales and investment respectively by way of Statutory Auditor or Independent Chartered Accountant certificates, bank statements etc. to the extent deemed necessary.
- 16.10 In case of any doubt with respect to determining eligibility and Incentive amount due, or any other matter in discharge of its duties and

responsibilities, the PMA should refer such matters to MoFPI for clarification and the decision of MoFPI shall be final in this regard.

- 16.11 The PMA would process claim for disbursement of Incentive within 60 days from the date of receipt of such claim and all the supporting documents and make appropriate recommendations to MoFPI.
- 16.12 MoFPI would consider and approve claims for disbursement, as examined and recommended by the PMA, for disbursement of Incentive.
- 16.13 MoFPI would disburse funds after completion of all pre-disbursal formalities by PMA.
- 16.14 The disbursement of Incentive would be through Direct Bank Transfer through PFMS or through any other mechanism of adjustment in the name of Applicant only.
- 16.15 Applicants shall be required to reconcile Sales of eligible products, based on which claims for disbursement of Incentive have already been filed, with documents as prescribed by the PMA, by 31st of December of the financial year subsequent to which the claim pertains.
- 16.16 The PMA shall verify the aforesaid reconciliation. In case of excess claims disbursed, the Applicant shall reimburse MoFPI for any Incentive amount refundable along with interest calculated at 3 years' SBI MCLR prevailing on date of disbursement, compounded annually (for the period between excess payment and date of refund by the Applicant).
- 16.17 If the PMA or MoFPI is satisfied that eligibility under the Scheme and / or disbursement of Incentives have been obtained by misrepresentation of facts or falsification of information, MoFPI may ask the Applicant to refund the Incentives along with interest calculated at 3 years SBI MCLR prevailing on the date of disbursement, compounded annually, after giving an opportunity to the Applicant of being heard and appropriate criminal/ civil legal proceedings will be initiated.
- 16.18 The PMA should submit budgetary requirements to MoFPI as a consolidated amount on a quarterly basis.
- 16.19 The PMA shall furnish information to MoFPI with details of disbursement claims received for Incentives, amount disbursed, reasons for rejection / delay in disbursement of the Incentives on a quarterly basis.
- 16.20 In case an Applicant does not meet threshold growth criteria for any given year, the Applicant shall not be eligible for Incentive in that particular year. However, the Applicant will not be restricted from claiming Incentive in

subsequent years during the tenure of the Scheme, provided eligibility criteria are met for such subsequent years.

17. Review

- 17.1 Periodic reviews will be undertaken by the MoFPI/ EGoS with respect to progress and performance of the Scheme.
- 17.2 All approved Applicants shall furnish self-certified Quarterly Review Reports (QRRs) within 30 days from the end of each quarter in the format provided in **Annexure-6** of these Guidelines.

18. Residual

- 18.1 In case of change in control of the selected Applicant due to change in equity ownership or change in promoter entities, MOFPI should be informed immediately.
- 18.2 All transactions by the selected Applicant with Related Parties will be subject to provisions of relevant statutes and Accounting Standards – 18 and corresponding Ind-AS, as amended from time to time. In case of any proceedings under any Act leading to adjustment of pricing in the transactions between related parties, effect shall be given in calculation of Incentive and/ or eligible Committed Investment.
- 18.3 To obviate any malpractices in the financial matters where disbursements are made to industry by the Government, it has been decided to provide a deterrent against corrupt practices for promotion of transparency and equity. Therefore, keeping in view the sensitivities involved in the process and taking cue from the instructions of the Central Vigilance Commission regarding adoption of an Integrity Pact in the matter of procurement, it has been decided to obtain undertaking(s) from Applicants under the Scheme.
- 18.4 Two formats of undertakings are enclosed as Format A and Format B of **Annexure-8**. These undertakings are to be furnished by Applicants, duly signed by CEO / MD / Director of the company / partner / proprietor of the firm and depicting the designation along with authorization to do so.
- 18.5 The undertaking in **Format A** shall be provided by all Applicants whose Applications or claims are under consideration for approval or disbursement of Incentives. The Applications or claims of those Applicants who do not submit the undertaking shall not be processed and considered.

- 18.6 The undertaking in **Format B** for confirming the compliance of integrity will be provided by Applicants after the submission of claims for disbursement of Incentive and in any case before release of funds. The release of Incentives shall be withheld until the above-mentioned undertaking is provided.
- 18.7 If the Applicant is other than Company, then the applicable/ equivalent documents / certificates shall be submitted.
- 18.8 These guidelines shall be amended/ modified at any time during continuance of the Scheme and such amendment/ modifications shall be binding to all the Applicants, including the Selected Applicants, during the tenure of the Scheme.

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Dated: 2nd May, 2021

Appendix-A: Eligibility Criteria for different Categories of Applicants

Category-I:

Segments	Minimum Sales of All Food Products in 2019-20 (Rs Crore)	Minimum Investment (Rs Crore)
RTE/ RTC	500	100
Processed Fruits & Vegetables	250	50
Marine	600	75
Mozzarella Cheese	150	10 MTPD Plant-Rs 23 cr

Category-II:

- (i) Udyog Aadhar/ Udyami Registered;
- (ii) Achieved Minimum Sales of Rs 1 crore during 2019-20 for each of the innovative/ organic products proposed to be incentivised;
- (iii) Applicant for Organic Product shall be registered with APEDA for the organic product proposed to be incentivised.

Category-III:

- (i) Only Indian Brands are covered for selling food products completely manufactured in India;
- (ii) Branding & Marketing shall be undertaken either by the Applicant directly or through its subsidiary or any other Agency.

Appendix-B: Coverage of Food Products under Different Food Segment

Under the Scheme, the following four Segments of food products are covered:

1. Ready to Eat/ Ready to Cook (RTE/RTC)
2. Fruits and Vegetable Products
3. Marine Products
4. Mozzarella Cheese

Product Groups which would be covered under above 4 Segments are indicated in column 2 of the table below. Details of Food Products under each Product Groups are given in Column 3. Products which are not covered in column 3 are excluded from the scheme in addition to those which are indicated in column 4.

RTE/RTC Category covers various processed packaged products ranging from Ready Meals, Soups and Ready Mixes, Indian Savoury Snacks, Packaged Indian Sweets, Ice Cream desserts, Snack bars, Bakery products, Ready to drink products etc. Products with specified % of millet, except flour/atta are included irrespective of their status for inclusion/exclusion.

RTE/RTC category excludes agri products/ food commodities like rice, Aata, sugar, pulses, edible oil etc. It also excludes categories like Pizza, Pasta, Noodles, Spaghetti (HSN 1902); Breakfast Cereals (HSN 1904); Confectionary (HSN 1704,1806); Malt based Drinks/powder (HSN 1901); Packaged Shelled/ roasted/ processed nuts /Mixtures predominantly made of nuts (0802).

Some of the RTE/RTC products appears in Fruit & Vegetable and Marine product Segments list such as - RTC Potato Products- fries, tikki etc.(HSN 2004 & 2005) except potato chips (20052000); Packaged Sauces- Table sauces, pasta sauces, cooking sauces, dry sauces, ketchup, mustard, oyster sauces, salad dressings, dips, and other sauces (HSN 2002, 2103); All fruit based Jam/Jellies(HSN 2007); Packaged Mixed Spices/ Dry Sauces (Dry/ Dehydrated Sauces, Dry Recipe Powder mixes, dry powder marinades) (HSN 2103); Marine Segment: Canned, Battered & breaded, Pickles, Sausages (HSN 1604 & 1605). A selected applicant only for RTE/RTC segment would be eligible to receive incentive for such RTE/RTC products from F&V and Marine segments.

Fruits & Vegetable category to include packaged processed products which are Steamed/ Boiled/ Frozen/ Dried/ Pickled/ Provisionally Preserved/ processed or preserved through additive and preservatives. However, potato chips are excluded from the scheme. Fruit Juice having > 10% fruit juice content would be incentivized under the scheme. Spices (both mixed and single spices) packaged in consumer size packs would be included under the scheme. Fruits & vegetable category would exclude unprocessed/fresh fruits and vegetables.

Marine products to include fish products (Chilled/ Frozen/ dried/ salted/ brined/ smoked) and Crustacean & Molluscs (Chilled /Frozen /Steamed / Boiled) at normal rate of incentives. Value-added processed products covered under 1604 and 1605 and IQF Value added marine products and freeze-dried value-added marine products (0302, 0304, 0306, 0307) would be incentivized at a higher rate.

Mozzarella Cheese category to include mozzarella cheese packed in consumer pack/ bulk pack.

Column1	Column 2	Column 3	Column 4
RTE/RTC Segment			
S.No.	Product Group	Products Covered	Exclusion
1	Packaged Ready Meals, Soups and Ready Mixes, Other RTE/RTC Products	1. Ready Meals (Shelf stable, frozen, dried, chilled ready meals which do not require any cooking preparation other than heating) & Dinner mixes (in Ready-to-cook/prepare format); Diabetic Foods; Sausages, salamis, nuggets and other such preparation under heading 1601 & 1602 2. Soups & broth (shelf stable, dehydrated, instant, chilled and frozen soup) 3. Ready Mixes (Dessert Mixes, Batter Mixes, Thandai Mix) - All products under HSN 1601, 1602, 2104 are included - All products under HSN 2106* are included except Protein Concentrates, Soft Drinks, Pan masala, Betel nuts, Churna for Pan as given in column 4 *Applicable on Sl. No 1,2,3 of RTE/RTC Segment	Protein Concentrates, Soft Drinks, Pan masala, Betel nuts, Churna for Pan (21061000-40; 21069070)
2	Mixtures (Namkin, Bhujia), Puffed Snacks, Snack bars	1. Indian Savoury snacks -Mixtures (Namkin, Bhujia) including extruded snacks 2. Puffed Snacks: Processed/ reconstituted/ shaped cereals-based snacks 3. Snack Bars: Cereals and Non-Cereals Bar, Granola/muesli bars, breakfast bars, energy and nutrition bars, fruit bars and other snack bars (HSN 2106)	
3	Sweets	Packaged Traditional Indian Sweets	

		(HSN 2106)	
4	Ice cream desserts, Ready to Drink Products	<ol style="list-style-type: none"> 1. Ice Cream: Impulse Ice Cream, Take Home Ice-Cream, Frozen Dessert: Includes cakes, pies/tarts etc 2. Milk Based Beverages- Yoghurt, Buttermilk, Lassi etc. 3. Soya Milk <ul style="list-style-type: none"> - All products under HSN 2105 & 0403 are included - All products under HSN 2202 are included except Aerated Water, Lemonade, Non-Alcoholic beer. Part of inclusion is covered under Fruits & Vegetables categories (as mentioned at Sl.No. 3 of fruits & vegetable segment) 	Aerated Water, Lemonade, Non-Alcoholic beer (HSN 22021010-9100; 22029990)
5	Bakery products - Biscuits, Packaged cakes	<ol style="list-style-type: none"> 1. Sweet Biscuits: chocolate coated biscuits, cookies, filled biscuits, plain biscuits, and wafers 2. Savoury Biscuits: Non-sweet biscuits and crackers often consumed with cheese and other savoury foods 3. Packaged Cakes: Chocolate cake, strawberry and other fruit flavoured cakes, fruit cake, carrot cake, cheesecake, muffins etc <ul style="list-style-type: none"> - All products under HSN 1905 are included except fresh/leavened bread 	1. Fresh/Leavened Bread (HSN 19051000)
6	Millet Based Products with millet content above specified %	Any food product having minimum millet % as prescribed by MOFPI- irrespective of products mentioned in exclusion in case of millet-based products, except flour/atta	Millet Flour

Fruits & Vegetables Segment

1	Processed/ Preserved Fruits and Vegetables products	<ol style="list-style-type: none"> 1. Processed/ Preserved Fruits and Vegetables products - Steamed, Boiled, Frozen, Dried, Pickled, Provisionally Preserved 2. RTC Potato/Vegetable Products 3. Potato- Flour, meal, powder, flakes, granules and pellets 4. Fruit Squash <ul style="list-style-type: none"> - All products under HSN 0710, 0711, 0712, 0811, 0812, 0813, 0814, 1105, 1106, 1903, 2001, 2003, 2004, 2006, 2007 are included - All products under HSN 0804, 2005, 2008 are included except fresh fruits and vegetables, potato chips and products predominantly made of nuts, dates & figs 	<ol style="list-style-type: none"> 1. Fresh fruits and vegetables 2. Potato chips (HSN 20052000) 3. Products predominantly made of nuts, dates, figs (HSN 8041010-90, 8042010-90, 8043000, 8044000, 8045010-20, 8045090, 20052000, 20081100-1930, 20081990)
2	Packaged Mixed Spices, Mixed Condiments & Seasonings	<ol style="list-style-type: none"> 1. Packaged crushed or grounded dehydrated herbs and spices- (Spices notified by spice board) 2. Mixed Condiments & Seasoning (Dry/ Dehydrated Sauces, Dry Recipe Powder mixes, dry powder marinades 3. Oleoresins: All processed form of oleoresins <ul style="list-style-type: none"> - All products under HSN 0904, 0905, 0906, 0907, 0908, 0909, 0910 ,1301, 2103, 2906, 3003, 3301 are included except raw/ unprocessed forms of herbs and spices, different gums, lacs and other vegetables saps and extracts 	All raw/ Unprocessed forms of herbs and spices, different gums, lacs and other vegetables saps and extracts ¹

¹ HSN 09041110-40; 09041160; 09041190; 09042110-20; 09042229; 09051000; 09061110-90; 09061910-90; 09071010-90; 09081110; 09082100; 09083120 – 90; 09083220- 30; 09092110-90; 09093111-29; 09096111- 149; 09101110- 90 09102010- 90; 09103010- 20; 09109911- 19; 09109939- 90; 13012000-9039; 29061200-2990; 30031000-9015; 30039022-9090; 33101200-1990; 331029-12,13,16,24,27,31, 33,34,36,37,38,41,42,43,44,90; 33013010-99; 33019031; 33019033-90

3	<input type="checkbox"/> Fruit Juice and Fruit based drinks <input type="checkbox"/> Jam/ Jelly <input type="checkbox"/> Tomato Ketchup, pastes, purees and all Sauces <input type="checkbox"/> Coconut and other plant waters	1. 100% Fruit juice/pulp/paste- Not from concentrate 100% juice, reconstituted 100% juice and frozen 100% juice 2. Fruit based drink having fruit content \geq 10% Juice drinks made up of fresh juice or concentrate, having more than 10% fruit juice content; Packaged Coconut Water & other plant water 3. All fruits-based Jams/Jellies 4. Tomato- Ketchup, paste and puree 5. Packaged Sauces: Table sauces, pasta sauces, cooking sauces, dry sauces, ketchup, mustard, oyster sauces, salad dressings, dips, and other sauces - All products under HSN 2002, 2007, 2009, 2103 are included. - All products under HSN 2202 are included except Aerated Water, Lemonade, Non-Alcoholic beer.	Aerated Water, Lemonade, Non Alcoholic beer (HSN 22021010-9100; 22029990)
---	---	--	--

Marine Segment**Marine Products with Normal Incentives**

1	<input type="checkbox"/> Fish <input type="checkbox"/> Crustacean/ Molluscs	<ol style="list-style-type: none">1. Fish Chilled/ Frozen/ dried/ salted/ brined/ smoked2. Fish Fillets & Meat -Fresh, Chilled & Frozen3. Crustacean- Chilled, Frozen, Steamed, Boiled4. Molluscs - Chilled, Frozen, Steamed, Boiled <p>- All products under HSN 0302, 0303, 0304, 0305, 0306, 0307 are included. Some of the products of IQF & AFD are included for higher incentive and appear in Sl.No 3 & 4 below.</p>	-
---	---	---	---

Marine Products with higher Value-Added Incentive

2	Value added marine products	Value added marine products: Canned, Battered & breaded, Pickles, Sausages - All products under HSN 1604 & 1605 are included	
3	IQF Value added Marine Products	<ol style="list-style-type: none">1. IQF Shrimps: Stretched shrimp (Nobashi), butterfly/marinated shrimp, IQF Skewered shrimp, IQF Sushi shrimp2. Blanched Squid pineapple cut, Cuttlefish Sushi, Tuna loins, Shashimi grade Tuna	
4	Freeze-Dried Value-Added Products	Accelerated Freeze Dried shrimp/ shrimp powder, Freeze dried Cephalopods	

Mozzarella Cheese Segment

1	Mozzarella Cheese	Mozzarella Cheese in Bulk Packaging Mozzarella Cheese in Consumer Packaging - Only Mozzarella Cheese under 0406 is covered	All other cheese except mozzarella (HSN 04061000-4000)
----------	-------------------	--	--

Appendix-C: Rates of Incentives on Incremental Sales

Year	RTC/ RTE	Processed F & V	Marine Products *	Mozzarella Cheese
2021-22	10%	10%	6%	10%
2022-23	10%	10%	6%	10%
2023-24	10%	10%	6%	10%
2024-25	10%	10%	6%	8%
2025-26	9%	9%	5%	6%
2026-27	8%	8%	4%	4%

* 10% Incentive Rate for Value Added Marine products, as specified at Appendix-B for all 6 years.

**Base Year for calculation of Incremental Sales would be 2019-20 for the first 4 years. For 5th & 6th years, the Base year would shift to 2021 -22 & 2022-23 respectively.

Appendix-D: Minimum Eligible CAGR in Sales of Products for Incentive

	Segments	CAGR (%)
1.	RTC/ RTE Foods	10%
2.	Processed F & V	10%
3.	Marine Products	5%
4.	Mozzarella Cheese	15%

Illustration for Appendix-D

	Year	Base Years	No. of years for computing CAGR over Base Year Sales
1.	2021-22	2019-20	1
2.	2022-23	2019-20	2
3.	2023-24	2019-20	3
4.	2024-25	2019-20	4
5.	2025-26	2021-22	4
6.	2026-27	2022-23	4

Appendix-E: Evaluation Criteria

Category-I Applicants:

Selection of Applicants on Sales & Investment Criteria will be based on Combined score as given below

	Criteria	Weightage (%)
1.	Total Sales (Domestic & Exports) in 2019-20 of food products listed in the Application for coverage under the scheme	33.3
2.	Export Sales (of items covered at Sl No 1 above)	33.3
3.	Committed Investment	33.3
		100

The Applicant with highest Sales, exports and Committed Investment will receive 100 marks for each criterion. Other Applicants will be awarded marks in proportion to their Sales and Committed Investment vis a vis the Applicant with highest score.

Category-II Applicants: Selection of Applicants of Innovative Products will be based on Combined score as given below:

Selection Criteria: Innovative Products		
	Criteria	Weightage (%)
1.	Sale of Product sought to be promoted in 2019-20	25
2.	CAGR in Sale of Product/s sought to be promoted for 3 years (2016-17 to 2019-20)	15
3.	Investment made in the last 3 years (2017-18 to 2019-20)	10
4.	Availability of funds for investment in Production & Marketing (Own fund, Loan, tied up from Private equity, Venture Capital, Angel Investors)	10
5.	Assessment of Innovativeness/ novelty of products, patent on the product, USP, Recognition if any, Special Characteristics, Business plan, export potential, scalability, share of own manufacturing in total Sales	40
	Total	100

Selection Criteria: Organic Products

Criteria		Weightage (%)
1.	Sale of Product sought to be promoted in 2019-20	25
2.	CAGR in Sale Products to be promoted for 3 years (2016-17 to 2019-20)	15
3.	Investment made in the last 3 years (2017-18 to 2019-20)	15
4.	Availability of funds (tied up from Private equity, Venture Capital, Angel Investors) for investment in Production & Marketing.	15
5.	Assessment of the USP, level of product development, Business plan, export potential, scalability, share of own manufacturing of product in total Sales	30
Total		100

The Applicants will be ranked based on aggregate score and number of Applicant selected will be based on allocation of outlay for the component.

Category-III Applicants: Selection of Applicants will be based on Combined score as given below:

Bid Criteria: Branding			
	Criteria	Markets	Weightage (%)
1.	Sale* of Food Products of Brand/s sought to be promoted in 2019-20	Total	10
		Exports	10
2.	CAGR in Sale* of Products of Brand/s sought to be promoted for 3 years (2016-17 to 2019-20)	Total	5
		Exports	10
3.	Branding Expenditure 3 years (2017-18 to 2019-20)	Domestic + Export	20
4.	Level of recognition of the Brand in India, level of value addition, Strategy and plan for production, Sales, exports and branding of products in domestic and export markets		45
	Total		100

* Sale of own brand “branded food products” to the exclusion of unbranded food products.

The Applicants will be ranked based on aggregate score and number of Applicant selected will be based on allocation of outlay for the component.

Appendix-F: Bank Guarantee

(From any scheduled commercial bank)

This Deed of Guarantee executed on this _____ day of _____, 20-
at _____ by _____ (from any scheduled commercial bank), having its Head
Office / Registered Office at _____ and inter-alia a Branch Office
at _____ (hereinafter referred to as the Bank or 'the Guarantor',
which expression shall unless it be repugnant to the subject or context hereof be
deemed to include its successors and assigns).

In favour of

Ministry of Food Processing Industries, Government of India, Panchsheel
Bhawan, New Delhi-110049 (hereinafter referred as "MoFPI") represented by
<PMA Name>, having its registered office at
_____, acting as the Project Management
Agency (PMA) for Production Linked Incentive (PLI) Scheme for food processing in
India.

WHEREAS

- A. [.....], Proprietary Firm or Partnership Firm or Limited Liability
Partnership (LLP) or a Company within the meaning of the Companies Act, 2013
OR meaning under-----and having its Registered Office at [----
-----] (herein after referred to as 'the Applicant' which expression unless
repugnant to the subject or context includes its successors. Legal
representatives and permitted assigns) and has been awarded approval
under the above scheme vide Letter Reference -----
----- dated ----- .
- B. In terms of the undertaking dated ----- and Clause ----- of the
Guidelines Reference No. ----- dated-----,
the Applicant has to provide a Bank Guarantee for an amount
equivalent to INR -----which is calculated in line with the undertaking.
- C. At the request of the Applicant, the Guarantor has agreed to provide this
guarantee, being these presents, guaranteeing the due and punctual
performance/discharge by the Applicant of its obligations.

NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS

- A. The Guarantor hereby irrevocably guarantees the due and compliance of terms by the Applicant of all its obligation under the said undertaking and approval letter, as amended from time to time.
- B. The Guarantor shall, without demur, pay to MoFPI / <PMA Name> sums not exceeding in aggregate ----- (INR -----) within five (5) bank working days (as per the Reserve Bank of India) of receipt of a written demand thereof from MoFPI / <PMA Name> stating that the Applicant has failed to meet its obligations under the said undertaking. The Guarantor shall have not to go into the veracity of any breach or failure on the part of the Applicant or validity of the demand so made by MoFPI / <PMA Name> and shall pay the amount specified in the demand notwithstanding any direction to the contrary given or any dispute whatsoever raised by the Applicant or any other person. The Guarantor's obligations hereunder shall subsist until all such demands are duly met and discharged in accordance with the provisions hereof;
- C. The Guarantor agrees that its liability under this guarantee shall in no manner be affected by any such variation, alteration, modification, waiver dispensation and that no further consent of the Guarantor is required for giving effect to any such variation, alteration, modification, waiver dispensation with or release of security;
- D. This Guarantee shall be irrevocable and shall remain in full force and effect till-----.
- E. Until and unless discharged / released earlier by MoFPI / <PMA Name> in accordance with the provisions of the said undertaking, the Guarantor's liability in aggregate shall be limited to a sum of INR ----- (INR-----);
- F. This Guarantee shall not be affected by any change in the constitution or winding up of the Applicant / Guarantor or and absorption, merger or amalgamation of the Applicant / Guarantor with any other person;
- G. The Guarantor has power to issue this Guarantee and discharge the obligations contemplated herein, and the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under.

All future correspondence with reference to this Guarantee shall be made to.
 (Bank Name and Address).

The jurisdiction in relation to this Guarantee shall be the Courts at New Delhi and Indian Law shall be applicable.

IN WITNESS WHEREOF THE GUARANTOR HAS SET ITS HANDS HEREUNTO
ON THE: DAY, MONTH AND YEAR FIRST HEREINABOVE WRITTEN

SIGNED AND DELIVERED by-----
-----Bank by the hand of----- its-----
-----and authorized official.

Appendix-G: Format for Providing Bank Guarantee

(Undertaking from the Applicant on the letterhead)

1. We,....., hereby, acknowledge that the Incentive that would / may be provided to us under the Production Linked Incentive (PLI) Scheme for food processing industry in India, as per the Guidelines, communications, will be provided to us based on, and after relying upon, the information provided by us to avail the said Incentive.
2. We hereby confirm that the information provided by us for availing the said Incentive is true, correct and complete in all respects and that no material fact / information that may have an adverse impact on the information provided by us for availing the said Incentive has been concealed.
3. We hereby confirm that the Committed Investment in the project, as per the approval letter, is to be made by us within a specified period from the date of approval letter.
4. With regard to the aforesaid transactions, we hereby undertake the following:

- A. We undertake to provide Bank Guarantee/s from a schedule commercial Bank for the amount which is mentioned below:

Sr. No	Particulars	Details
1.	Date of issuance of Approval Letter	
2.	Validity period of BG *	
3.	Amount of BG	

* Valid for three years or renewed till the date MoFPI release such Guarantee whichever is later.

- B. We understand and agree that, we are legally bound to renew the BG / issue fresh BG, failing which MoFPI / PMA may invoke the BG.
- C. In case of loss, mutilation, force majeure or any other eventualities, with respect to Original BG (favouring MoFPI / PMA, held at PMA), MoFPI / PMA will not be liable for the same and the onus would be with us to arrange for alternate / duplicate BG in place of the original BG.

D. We also understand that the BG will be invoked or released as per the provision in the guidelines.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-1A: Application Form for Category I Applicants

1. Instructions:

- 1.1. Applicants may go through the Guidelines carefully before filling up the details in the Application.
- 1.2. The Application shall be signed by duly authorized signatory of Applicant.
- 1.3. Applicants are advised to follow the format provided in this Application form for submitting their Applications. Applicants are required to provide information and enclose all supporting documents as detailed.
- 1.4. All Applications will be submitted online to the Project Management Agency (PMA) selected under the Scheme.
- 1.5. The applicant shall submit unconditional Application without any restriction, limitation or rider.
- 1.6. The Application submitted by the applicant shall be subject to the provision of Scheme Guidelines and the related notifications.
- 1.7. Application has been divided into the following sections
 - i. Applicant Details
 - ii. Proposal
 - iii. Application Fee Details

2. Section I – Applicant Details

- 2.1. Name of Applicant
- 2.2. Constitution of business – Proprietorship Firm or Partnership Firm or Limited Liability Partnership (LLP) or a Company registered in India or co-operative
- 2.3. Business Details: Address, phone, email, PAN, nature of current business, turnover, net worth, experience etc.
- 2.4. Brief profile of Promoter, Chairman, Chief Executive Officer and other CXO level officers, as the case maybe.
- 2.5. *Documents to be furnished:*
 - i. Copy of the memorandum and articles of association or equivalent registration document, Partnership Deed and any equivalent document. Shareholding pattern, share of the partners as the case may be.
 - ii. Self-certified copies of Annual Reports including Annual Financial Reports along with schedules, audited and complete Balance Sheet, as the case may be for 3 years. Most recent reports are to be provided.

- iii. Profit before Tax (PBT) and Profit after Tax (PAT) – (last 3 years)
- iv. Self-certified copies of PAN, GST Certificate for applicant,
- v. Self-certified copies of brief profile of Chairman, CEO, CXOs, Promoter and Key Managerial Persons along with their PAN / DIN
- vi. Key Personnel Details: Contact details of three senior employees of Applicant. Details would include Name, Designation, Address, phone, email.

2.6. Credit History:

- i. Provide details of presence in RBI's Defaulter and Wilful Defaulter Lists, SEBI Debarred List and CIBIL Score.
- ii. External Credit Ratings (year, agency, rating assigned) (if applicable)

3. Section II – Proposal

3.1. Project Details

3.2. Sales of all food products:

- i. Total Sales (Domestic + Exports) (INR Cr)
- ii. Exports (INR Cr)

3.3. Eligible Product Segment Applied for:

3.4. Products Groups proposed to be covered out of the Product Segment as in 3.3. (Products Groups, segment-wise, given in **Appendix-B**)

3.5. Sales (Domestic + Exports) Product Group-wise (**Appendix-B**) for 2014-15 to 2018-19:

	Product Group	2014-15	2015-16	2016-17	2017-18	2018-19
1.						
2.						
3.						
4.						
...						
	Total					

3.6. Domestic and Export Sales of Food Products (**Appendix-B**) for 2019-20 (actual), 2020-21 (Est), 2021-22 to 2026-27 (Projection):

Domestic Sales (Rs Crore)									
	Product Group	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
1.									
2.									
3.									
4.									
...									
	Total								
Export Sales (Rs Crore)									
1.									
2.									
3.									
4.									
....									
	Total								

3.7. Certificate from Statutory Auditor or Independent Chartered Accountant, whichever is applicable, on the Sales/ Export of Food Products (given in 3.5 & 3.6).

3.8. Manufacturing facility/ies of the Applicant separately:

Address:

Products:

Annual Capacity:

3.9. Manufacturing facility of the Contract Manufacturer/s separately

Address:

Products

Annual Capacity:

3.10. Committed Investment (Manufacturing) Factory-wise (in INR Crore)

I. Applicant	P&M	Technical Civil Works	Associated Infrastructure	Total (Res Crore)
Factory 1/ 2/3....				
2020-21				

2021-22				
2022-23				
Sub Total (Applicant)				
II. Contract Manufacturers ²				
2020-21				
2021-22				
2022-23				
Sub Total (CM)				
Total (I+II)				

3.11. Committed Investment (Branding & Marketing³):

3.11.1. Branding & Marketing Expenditure for All Food Products: 2014-15 to 2018-19

I. Domestic Market					In Rs Crore
	2014-15	2015-16	2016-17	2017-18	2018-19
1.					
2.					
3.					
4.					
...					
II. Export Market					In Rs Crore
1.					
2.					
3.					
4.					
...					

² Include Investment (Factory-wise) for those Contract Manufacturers who supply 100% of output to the Applicant.

³ Relates to In-store Branding, Shelvespace Renting and Others (specify)

3.11.2. Expenditure on Branding & Marketing abroad for 2019-20, 2020-21 and proposed for 2021-22 to 2025-26. Break up of expenditure, in terms of broad categories, are indicative.

(In Rs Crore)				
	In Store Branding	Shelf Space Renting	Others (specify)	Total
2019-20				
2020-21				
2021-22				
2022-23				
2023-24				
2024-25				
2025-26				
Total (2021-22 to 2026-27)				

3.12. Projection of Employment created:

Cumulative Employment Generated (Attributable to products covered Appendix-B)	
Year	Numbers
2020-21 (Estimated)	
2021-22	
2022-23	
2023-24	
2024-25	
2025-26	
2026-27	

3.13. Programme Implementation Plan (PIP) for eligible product: The Applicant is required to submit a plan indicating the following:

- Broad plan to achieve the Sales projected in the Application and additional investment that would be required to achieve that Sales and plan for that.
- Manufacturing Capacity: Utilization of the existing Capacity, creation of new Capacity location-wise & output of products

- iii. New technology to be used in Manufacturing
- iv. Arrangement with the Subsidiaries/ Contract Manufacturers/ Member Unions

3.14. Regulatory Treatment: Provide information on licenses, permits and third-party approvals necessary to execute the project

4. Section III –Application Fee Details

4.1. Proof of the Application Fee submission.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-1B: Application Form for Category II Applicants

1. Instructions:

- 1.1. Applicants may go through the Guidelines carefully before filling up the details in the Application.
- 1.2. The Application shall be signed by duly authorized signatory of Applicant.
- 1.3. Applicants are advised to follow the format provided in this Application form for submitting their Applications. Applicants are required to provide information and enclose all supporting documents as detailed.
- 1.4. All Applications will be submitted online to the Project Management Agency (PMA) selected under the Scheme.
- 1.5. The Applicant shall submit unconditional Application without any restriction, limitation or rider.
- 1.6. The Application submitted by the Applicant shall be subject to the provision of Scheme Guidelines and the related notifications.
- 1.7. Application has been divided into the following sections
 - i. Applicant Details
 - ii. Proposal
 - iii. Application Fee Details

2. Section I – Applicant Details

- 2.1. Name of Applicant
- 2.2. Constitution of business – Udyam Registered SME, Proprietorship Firm or Partnership Firm or Limited Liability Partnership (LLP) or a Company registered in India or co-operative
- 2.3. Business Details: Address, phone, email, PAN, nature of current business, turnover, net worth, experience etc.
- 2.4. Brief profile of Promoter, Chairman, Chief Executive Officer and other CXO level officers, as the case maybe.
- 2.5. *Documents to be furnished:*
 - i. Copy of the memorandum and articles of association or equivalent registration document, Partnership Deed and any equivalent document. Shareholding pattern, share of the partners as the case may be.
 - ii. Self-certified copies of Udyami Registration, Annual Reports including Annual Financial Reports along with schedules, audited and complete

Balance Sheet, as the case may be for 3 years. Most recent reports are to be provided.

- iii. Profit before Tax (PBT) and Profit after Tax (PAT) – (last 3 years)
- iv. Self-certified copies of PAN, GST Certificate for Applicant,
- v. Self-certified copies of brief profile of Chairman, CEO, CXOs, Promoter and Key Managerial Persons along with their PAN / DIN
- vi. Key Personnel Details: Contact details of three senior employees of Applicant. Details would include Name, Designation, Address, phone, email.

2.6. Credit History:

- i. Provide details of presence in RBI's Defaulter and Wilful Defaulter Lists, SEBI Debarred List and CIBIL Score.
- ii. External Credit Ratings (year, agency, rating assigned) (if applicable)

3. Section II – Proposal

3.1. Product Details: Indicate

- (i) Innovative Product: Name/s of the Products. How it is innovative product, uniqueness of the product, patents obtained and manufacturing process
- (ii) Organic Product: Name/s of the Products. Type of certification for organic products and particulars (certification for organic product should be either from APEDA or similar recognised certification agency, not peer group certification)

4.2. Sales of Products sought to be promoted, product-wise (as given in 3.1) for 2014-15 to 2018-19:

(In Rs Crore)						
	Name of the Products	2014-15	2015-16	2016-17	2017-18	2018-19
1.						
2.						
3.						
4.						
...						

	Total					
--	-------	--	--	--	--	--

4.3. Sales and Export of Food Products (given in 3.4) for 2019-20 (actual), 2020-21 (Est), 2021-22 to 2026-27 (Projection):

Domestic Sales (Rs Crore)									
	Product Group	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
1.									
2.									
3.									
4.									
...									
	Total								
Export Sales (Rs Crore)									
1.									
2.									
3.									
4.									
....									
	Total								

3.2. Certificate from Statutory Auditor or Independent Chartered Accountant, whichever is applicable, on the Sales/ Exports of Food Products for 2019-20.

3.3. Investment made in 2017-18, 2018-19 and 2019-20

	P&M	Technical Civil Works	Associated Infrastructure	Total (Res Crore)
Factory 1/ 2/3....				
2017-18				
2018-19				
2019-20				
Total				

3.4. Manufacturing facility of the Applicant:

Address:

Products:

Annual Capacity:

3.5. Proposed Investment for manufacturing Factory-wise (in Rs Crore):

	P&M	Technical Civil Works	Associated Infrastructure	Total (Res Crore)
Factory 1/ 2/3....				
2020-21				
2021-22				
2022-23				
Sub Total (Applicant)				

3.6. Availability of Funds for investment indicated at 3.4 for Investment category-wise (Own fund, Loan, tied up from Private Equity, Venture Capital, Angel investors, other etc)

3.7. Certificate from Statutory Auditor or Independent Chartered Accountant, whichever is applicable, on Investment made and funds tied up referred to at paragraphs 3.3 and 3.6.

3.8. Projections (self-certified) of Sales, Exports and Employment Generation:

Domestic and Exports Sales (Innovative/ Organic products)		
Year	Domestic Sales (INR Crore)	Exports (INR Crore)
2019-20 (Base Year)		
2021-22		
2022-23		
2023-24		
2024-25		
2025-26		
2026-27		
Total		
Cumulative Employment Generated		
Year	Numbers	
2021-22		

2022-23	
2023-24	
2024-25	
2025-26	
2026-27	

3.9. Detailed Project Report/ Programme Implementation Plan (PIP) for eligible product: The Applicant is required to submit a DPR/ PIP containing the information as indicated in the attached **Table-Annexure 1B**.

4. Section 3: Application Fee Details

4.1. Proof of the Application Fee submission.

Date

Signature

(Name & designation with address) Director / CEO / MD

Table-Annexure 1B

Programme Implementation Plan (PIP)

1. Profile of the Proposed Innovative/ Organic Food Product (as the case may be)
 - 1.1. Nature of Products: Uniqueness
 - 1.2. Stage of Product Development: Patent if any
 - 1.3. Organic Products: Certification particulars and the Year
 - 1.4. Market Development
 - 1.5. Global Scenario
 - 1.6. Indian Scenario
2. Current Status:
 - 2.1. Investment
 - 2.2. Manufacturing,
 - 2.3. Branding/ Marketing
 - 2.4. Sales
 - 2.5. Exports
 - 2.6. Profitability
 - 2.7. Potential for Scalability
 - 2.8. Business Plan & tie-ups
 - 2.9. Assistance from sources other than MoFPI
3. The Project
 - 3.1. Project Components
 - 3.2. Land and Location
 - 3.3. Locational Advantage
 - 3.4. Backward & Forward Linkages
4. Plant and Machinery
 - 4.1. Production Process
 - 4.2. Business Model & Marketing
 - 4.3. Revenue assumptions basis
 - 4.4. Revenue Streams
 - 4.5. Marketing

5. Operation Management
 - 5.1. Organizational Structure
6. Implementation schedule
 - 6.1. Site Development and basic Enabling
 - 6.2. Technical Building and Civil Work
 - 6.3. Means of Finance
7. Profitability Projection
8. Regulatory Treatment
 - 8.1. Information on licenses, permits and third-party approvals necessary to execute the project
 - 8.2. Timelines for obtaining clearances.
9. Scope for becoming Champion with Government Support

Annexure-1C: Application Form for Category III Applicants

1. Instructions:

- 1.1. Applicants may go through the Guidelines carefully before filling up the details in the Application.
- 1.2. The Application shall be signed by duly authorized signatory of Applicant.
- 1.3. Applicants are advised to follow the format provided in this Application form for submitting their Applications. Applicants are required to provide information and enclose all supporting documents as detailed.
- 1.4. All Applications will be submitted online to the Project Management Agency (PMA) selected under the Scheme.
- 1.5. The Applicant shall submit unconditional Application without any restriction, limitation or rider.
- 1.6. The Application submitted by the Applicant shall be subject to the provision of Scheme Guidelines and the related notifications.
- 1.7. Application has been divided into the following sections
 - i. Applicant Details
 - ii. Proposal
 - iii. Application Fee Details

2. Section I – Applicant Details

- 2.1. Name of Applicant
- 2.2. Constitution of business – Proprietorship Firm or Partnership Firm or Limited Liability Partnership (LLP) or a Company registered in India or co-operative, or SME
- 2.3. Business Details: Address, phone, email, PAN, nature of current business, turnover, net worth, experience etc.
- 2.4. Brief profile of Promoter, Chairman, Chief Executive Officer and other CXO level officers, as the case maybe.
- 2.5. *Documents to be furnished:*
 - i. Copy of the memorandum and articles of association or equivalent registration document, Partnership Deed and any equivalent document. Shareholding pattern, share of the partners as the case may be.
 - ii. Self-certified copies of Annual Reports including Annual Financial Reports along with schedules, audited and complete Balance Sheet, as the case may be for 3 years. Most recent reports are to be provided.
 - iii. Profit before Tax (PBT) and Profit after Tax (PAT) – (last 3 years)

- iv. Self-certified copies of PAN, GST Certificate for Applicant, Udyami Registration
- v. Self-certified copies of brief profile of Chairman, CEO, CXOs, Promoter and Key Managerial Persons along with their PAN / DIN
- vi. Key Personnel Details: Contact details of three senior employees of Applicant. Details would include Name, Designation, Address, phone, email.

2.6. Credit History:

- i. Provide details of presence in RBI's Defaulter and Wilful Defaulter Lists, SEBI Debarred List and CIBIL Score.
- ii. External Credit Ratings (year, agency, rating assigned) (if applicable)

3. Section II – Proposal

3.1. Project Details:

3.2. Brands to be promoted: Give Details

3.3. Sales of All Food Products of the Applicant for 2014-15 to 2021-22:

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21 (Est)
Domestic sales (Rs Crore)							
Export Sales (Rs Crore)							

3.4 Expenditure on Branding for 2017-18 to 2019-20 (Actual), 2020-21 (Est) in Domestic Market and Abroad:

Year	Domestic (Rs Crore)	Abroad (Rs Crore)
2016-17		
2017-18		
2018-19		
2019-20		
2020-21		

3.5 Expenditure on Branding for 2021-22 to 2025-26 (Proposed) with indicative break up (In store Branding, Shelf space Renting and Others):

Year	Domestic (Rs Crore)	Abroad (Rs Crore)
2021-22		
In Store Branding		
Shelf Space Renting		
Others (Specify)		
2022-23		
In Store Branding		
Shelf Space Renting		
Others (Specify)		
2023-24		
In Store Branding		
Shelf Space Renting		
Others (Specify)		
2024-25		
In Store Branding		
Shelf Space Renting		
Others (Specify)		
2025-26		
In Store Branding		
Shelf Space Renting		
Others (Specify)		
Total (2021-22 to 2025-26)		

3.6 Sale of Products of Brand sought to be Promoted 2014-15 to 2021-22:

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2021-22 (Est)
Domestic sales (Rs Crore)							
Export Sales (Rs Crore)							

3.4. Programme Implementation Plan (PIP) for Branding and Marketing: The Applicant is required to submit a plan indicating the following:

- i. Brands owned by the Applicant and level of recognition in India
- ii. SWOT Analysis of performance in export markets
- iii. Gap analysis and the broad plan to undertake Branding in Export Market: Strengthening of market presence and penetration
- iv. Strategy and Plan production, sales, exports of products sought to be promoted through Branding
- v. Strategy & Plan to strengthen the Brand
- vi. Revenue, brand-wise, from different export markets
- vii. Subsidiary company or associated company and their support in Global Market for Brand Promotion
- viii. Different Components of Branding & Marketing
- ix. Strategy to achieve the Sales proposed in the Application
- x. Manufacturing Capacity: Utilization of the existing Capacity, creation of new Capacity in different location
- xi. Arrangement with the Subsidiary (ies)/ Contract Manufacturer(s)
- xii. Proposed Expenditure for Brand Promotion and Marketing to be furnished

4. Section III –Application Fee Details

4.1. Proof of the Application Fee submission.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-2: Checklist for preliminary assessment of Application by PMA

S. No.	Parameter	Data as per Applicant	Comments from PMA
1.	Name of Applicant		
2.	Application submission date		
3.	Due date for submission		
4.	Submission of prescribed Application Fee		
5.	Eligibility in terms of overall Sales of food products		
6.	Coverage of product segment/ food products to be manufactured.		
7.	Innovative/ Organic Products for SME		
8.	Sales of Food Products in Eligible Product Segment (i) Domestic Market (ii) Exports Markets		
9.	Committed Investment (Rs Crore) (i) Manufacturing (ii) Branding & Marketing		
10.	Expenditure on Branding (i) Domestic Market (ii) Exports Markets		

*Date**Signature**(Name & designation of the Official of PMA)*

Annexure-3: Checklist for assessment of Application by the PMA

(Fill separate checklist for each product segment applied)

S. No.	Parameter	Comments from PMA
1.	Name of Applicant	
2.	Details of key person (First) Name of person Designation of person Complete address of Applicant Contact details of Applicant Ph. No. Mobile Email	
	Details of key person (Second) Name of person Designation of person Complete address of Applicant Contact details of Applicant Ph. No. Mobile Email	
	Details of key person (Third) Name of person Designation of person Complete address of Applicant Contact details of Applicant Ph. No. Mobile Email	
3.	Type of organisation (Ltd., Pvt. Ltd., LLP, listed, etc.)	
4.	Registration details of organisation	
5.	Details of promoters, if any	
6.	Any information of legal or financial cases pending against the Applicant/promoters	

S. No.	Parameter	Comments from PMA
7.	Application submission date	
8.	Due date for submission	
9.	Application acknowledgement date	
10.	Eligibility in terms of Sales of Food Products	
11.	Base Year Sales of Food Products in the Segment Applied for (Rs Crore)	
12.	Base Year Export of Food Products in the Segment Applied for (Rs Crore)	
13.	Committed Investment (Rs Crore) (i) Manufacturig (ii) Branding & Marketing	
14.	Proposed plant production capacity (per annum)	
15.	Proposed date of commercial production	
16.	Proposed Incentive claim (annually and for total Scheme)	
17.	Total no. of Applications received for the eligible product	
18.	Investment Details (in Crore) (Provide complete breakup)	
19.	I. By Applicant i. Technical & Civil Work ii. New Plant and machinery iii. Expansion & Modernisation	
20.	II. By the Contract Manufacturers ⁴ (i) Technical & Civil Work (ii) New Plant and machinery (iii) Expansion & Modernisation	
21.	Time schedule of the project	
22.	Submission of all Undertakings in appropriate format	

⁴ Information relevant to the Applicant to be furnished for different Contract Manufacturer(s) separately and in aggregate.

S. No.	Parameter	Comments from PMA
	(a) Consent for audit of their manufacturing site/offices for verification of information/ data submitted along with the Application in the format as per Annexure-7	

PMA should give detailed description on the following areas

S. No.	Area of consideration
1.	Eligible product segment considered
2.	Number of total Application received for eligible product
3.	Justification for consideration
4.	Reasons for rejection of the Application, if any

Date

Signature

Name & designation of Official of PMA

Annexure-4: Disbursement Claim Form

Production Linked Incentive Scheme (PLI) for domestic manufacturing of food products

1. Applicant Name
2. Application Acknowledgement Date
3. Ref. No. and Date of Approval Letter
4. Progress in Committed Investment Plant-wise
5. Sales of Approved Products (Products as per the Approval Letter)
6. Period for which Incentives are being sought
7. **Information on Sales, Investment and Branding & Marketing Abroad:** Claim of Incentives for a particular year will also contain information for all previous years and Base Year/s as applicable)

Sales			
Sl No	Name of the Food Product (Ref. Letter of Letter)	HS Code*	Sales (INR Cr)
Domestic Sales			
1.			
2.			
.....			
Total Domestic Sales			
Export Sales			
1.			
2.			

.....			
Export Sales			
Furnish details in separate Sheet, if required, as an Attachment to Application Form			
*As per the information furnished in GST Invoices or Shipping Bills			

Committed Investment:			
Year	Description (P&M, Technical & Civil Works, Associated Infrastructure separately) Amount (INR Crore)		
	By the Applicant	By Contract Manufacturer(s)	Total
2020-21			
2021-22			
2022-23			
Total			

Investment in Branding & Marketing abroad		
Year	Description (Major Markets with break-up for in store Branding, shelf space renting and Others (specify)	Amount (INR Crore)
2019-20 (Base Year)		
2021-22		
2022-23		
2023-24		
2024-25		
2025-26		
Total		

8. Certificates / undertakings stating / covering the following: No deviation in eligible Product Segment and expenditure on B&M.
9. Certificate from Statutory Auditor or Independent Chartered Accountant, whichever is applicable, stating / covering:

- i) Committed Investment applicable has been achieved before commercial production
- ii) Capitalization of Investment in the books of accounts of the Applicant is in line with the relevant accounting standards issued by ICAI
- iii) Investment has been made in accordance with Scheme Guidelines.

10. Documents / certificates from Chartered Engineer:

- i) Certificate stating that the plant, machinery & equipment have been installed, the price is reasonable as per the market value and the same are being used for manufacturing of approved eligible product(s)
- ii) Certificate on capacity installed

11. List of documents to be submitted post approval of claim

- i) An undertaking from the Applicant as per format given in **Annexure 7**.
- ii) An agreement / indemnity bond on prescribed formats as per **Annexure 5** from the Applicant that if at a later stage its claim is found to be false or excessive it would be liable to return the amount disbursed with interest calculated at 3 years SBI MCLR prevailing on the date of disbursement, compounded annually.
- iii) Board resolution to the effect that the Applicant agrees by the terms and conditions as laid down in the PLI Scheme and Guidelines while securing the Incentive amount.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-5: Format of Undertaking

(Undertaking from the Applicant on letterhead)

1. We,, hereby, acknowledge that the Incentives that would / may be provided to us under the Production Linked Incentive Scheme (PLI) for domestic manufacturing of approved food products will be provided to us based on, and after relying upon, the information provided by us to avail the said Incentives.
2. We hereby confirm that the information provided by us for availing the said Incentives is true, correct and complete in all respects and that no material fact / information that may have an adverse impact on the information provided by us for availing the said Incentives has been concealed. We acknowledge and confirm that the foregoing averment is on an on-going basis and further undertake to immediately apprise the Ministry of Food Processing Industries about any change in the status of the information provided by us to avail the said Incentives.
3. We further undertake that in the event of (i) any of the information provided by us to avail the said Incentives being found false, incorrect or incomplete, or (ii) in the event of the undertakings and confirmations stated at Clause 2 above being found false, incorrect, incomplete or breached; we will refund the entire amount of Incentives availed by us along with interest calculated at 3 years SBI MCLR prevailing on the date of disbursement, compounded annually for the period between excess payment and date of refund.
4. We acknowledge that the remedy provided in Clause 3 above is not the exclusive remedy available with the Ministry of Food Processing Industries and is without prejudice to any legal remedy available with Ministry of Food Processing Industries for events mentioned in Clause 3 (i) and (ii) above.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-6: Quarterly Review Report

An Applicant shall be required to provide the following information (self-certified) for quarterly review within 30 days from the end of each quarter:

Year:..... Quarter ending: I/II/III/IV (Tick as applicable)
1. Name of Applicant
2. Eligible Products
3. Application Acknowledgement Date
4. Application Approval Date
5. Manufacturing Location(s)
6. Investment made by the Applicant for Manufacturing of approved products (amount in INR) (i) During the Quarter (ii) Up to the Quarter ending
7. Investment made by the Contract Manufacturer(s) for Manufacturing of Approved products (amount in INR) (i) During the Quarter (ii) Up to the Quarter ending
8. Sales of Approved Products: (i) During the Quarter (ii) Up to the Quarter ending [net of credit notes, discounts and taxes applicable]
9. Export of Approved Products: (i) During the Quarter (ii) Up to the Quarter ending [net of credit notes, discounts and taxes applicable]
10. Expenditure for Branding in Export Markets (i) During the Quarter (ii) Up to the Quarter ending
11. Employment as on Quarter ending (in numbers) attributable to products indicated in the Approval Letter for both the Applicant and the Contract Manufacturer(s):

	As on 31.3.2021	Cumulative for the Reported Quarter
Direct		
<i>On-roll labour/employees</i>		
<i>Contractual</i>		
<i>Apprentice</i>		
Installed Production Capacity for Eligible Product (in MT) I. Applicant II. Contract Manufacturer(s)		

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-7: Consent for audit of manufacturing site/ offices

(To be signed by full time Director / CEO / MD of the company / firm duly depicting the designation and submitted on official stationery of the Applicant along- with the authorization to do so)

1. Whereas, the Applicant namely *(name of manufacturer with address)* has submitted an Application under Production Linked Incentive Scheme (PLI) for domestic manufacturing of eligible food products to Ministry of Food Processing Industries(MoFPI), Government of India seeking Incentives for the Application pertaining to manufacturing of(Eligible Products) at.....(location(s)).
2. Now, therefore, the Applicant or its agencies or its consultants engaged with the process of manufacturing of eligible products shall allow the PMA or any other authority as designated by MoFPI for verification of facility and documents submitted for the approval of Application and disbursement of Incentives under PLI Scheme.

Date

Signature

(Name & designation with address) Director / CEO / MD

Annexure-8: Performa for integrity compliance

(To be signed by full time Director / CEO / MD of the company/ Partner/ Proprietor of the firm duly depicting the designation and submitted on official stationery of the Applicant along- with the authorization to do so)

Format- A: Initial Undertaking

1. Whereas, the Applicant namely _____ has submitted an Application under Production Linked Incentive Scheme (PLI) for domestic manufacturing of eligible food products to Ministry of Food Processing Industries (MoFPI), Government of India, seeking Incentives for the Application pertaining to manufacturing of (Product Segment) at.....(location(s)).
2. Now, therefore, the Applicant including its officers / representatives commits and undertakes that he / she will take all measures necessary to prevent corruption. He / She commits to observe the following principles during his / her association / engagement with MoFPI or its agencies or its consultants engaged with the process of appraisal and verification of Application for the approval of Application and disbursement of Incentives under PLI Scheme.
 - 2.1. The PLI Applicant will not directly or through any other person or firm, offer, promise or give to any of the MoFPI's officer(s) or consultant or agency representative (appraisal or/and PMA appointed by MoFPI to handle the Application) involved in the process of dealing with Application or to any third person any material or other benefit which he/she is not legally entitled to in order to obtain in exchange any advantage of any kind whatsoever before or during or after the process of the Application for grant of approval or disbursement of Incentives under PLI.
 - 2.2. The PLI Applicant will not commit any offence under the relevant Indian Penal Code, 1860/ Prevention of Corruption Act, 1988. Further, the Applicant will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the MoFPI.
 - 2.3. The PLI Applicant shall disclose the name and address of the duly authorized Agents/ Representatives who will be dealing with MoFPI or its agencies and the remuneration of these agents or representatives shall not include any hidden amount or component to get the work done in undue manner or

causing inducement of whatsoever nature whether in cash or kind to influence the normal process or practice of work.

2.4. The PLI Applicant will disclose any and all payments he/she has made, is Committed to or intends to make to agents, brokers or any other intermediaries, other than regular employees or officials of the Applicant, in connection with the grant of approval or/and disbursement of Incentives.

2.5. The Applicant will not offer any illicit gratification to obtain unfair advantage.

2.6. The Applicant will not collude with other parties to impair transparency and fairness.

2.7. The Applicant will not give any advantage to anyone in exchange for unprofessional behaviour.

3. The Applicant declares that no pervious transgressions occurred in the last 3 years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprises/ Central or State Government or its any instrumentality in India.

4. The Applicant agrees that if it is found that the Applicant has made any incorrect statement on this subject, the Application will be closed or rejected and MoFPI reserve the right to initiate legal action of whatsoever nature. In case if MoFPI has disbursed the Incentives under PLI, the amount disbursed to Applicant be recoverable along with interest calculated at 3 years SBI MCLR prevailing on the date of disbursement, compounded annually, besides blacklisting of the Applicant and initiation of legal action of whatsoever nature at the discretion of MoFPI.

5. The contents of the above undertaking have been gone through and after understanding the same is being executed / given on.....day of (month / year)

Date

Signature

(Name & designation with address)

Full time Director / CEO / MD of the company/ Partner/ Proprietor of the firm

Format B: Undertaking before release of Incentive

(To be signed by full time Director / CEO / MD of the company/ Partner/ Proprietor of the firm/ firm duly depicting the designation and submitted on official stationery of the Applicant along- with the authorization to do so)

1. Whereas, the Applicant namely _____ has submitted an Application under Production Linked Incentive Scheme (PLI) for domestic manufacturing of eligible food products to Ministry of Food Processing Industries(MoFPI), Government of India seeking Incentives for the Application pertaining to manufacturing.....(Eligible Product) at.....(location(s)).
2. And Whereas, the Applicant has submitted an undertaking for observance and commitment for Integrity vide Undertaking dated.....given under the signatures / authority of Applicants (name and designation) to MoFPI in respect of aforesaid Application.

And whereas, the Applicant including its officers / representatives gives commitment and undertake that he / she will take all measures necessary to prevent corruption and that he / she will not directly or through any other person or firm, offer, promise or give to any of the MoFPI's officer(s) or consultant or agency representative (appraisal or / and PMA appointed by MoFPI to handle the Application) involved in the process of dealing with Application or to any third person any material or other benefit which he / she is not legally entitled to in order to obtain in exchange any advantage of any kind whatsoever before or during or after the process of the Application for grant of approval or disbursement of Incentives under PLI Scheme.

3. And whereas, the Application submitted by the Applicant has been given the approval by PMA vide its communication no.....dated.....
4. And whereas, the Applicant has submitted a claim for disbursement of Incentive dated to the PMA for claiming Incentives of INR.....
5. And whereas, the PMA has considered the claim for disbursement of Incentive and is in the process of disbursement / release of Incentives on the claim dated.....
6. Now, therefore, I/We hereby confirm the compliance thereof with the Integrity Undertaking submitted to MoFPI/ PMA duly certifying that there is no breach to the same and requests that eligible Incentives under PLI Scheme be released

to Applicant and the amount of Incentives be credited in the bank account of Applicant.

7. The contents of the above Undertaking have been gone through and after duly understanding the same, is being executed / given on..... day of..... (month / year).

Date

Signature

Full time Director / CEO / MD of the company/ Partner/ Proprietor of the firm

Scheme for Agro-Marine Processing and Development of Agro-Processing Clusters (SAMPADA)

Government of India has approved a new Central Sector Scheme - Scheme for Agro-Marine Processing and Development of Agro –Processing Clusters (SAMPADA) with an allocation of Rs. 6,000 crore for the period 2016-20 coterminous with the 14th Finance Commission cycle. The SAMPADA will be implemented by Ministry of Food Processing Industries (MoFPI). The objective of SAMPADA is to supplement agriculture, modernise processing and decrease agri-waste.

SAMPADA is an umbrella scheme incorporating following schemes:

1. Mega Food Parks
2. Integrated Cold Chain and Value Addition Infrastructure
3. Creation/Expansion of Food Processing & Preservation Capacities
4. Infrastructure for Agro-processing Clusters
5. Creation of Backward and Forward Linkages
6. Food Safety and Quality Assurance Infrastructure
7. Human Resources and Institutions

The schemes from Serial No. 2 to Serial No. 5 have also specified that the applications could be made only against the Expression of Interest (EOI) invited by the Ministry.

Approval of Government on the SAMPADA scheme and Guidelines of the schemes under SAMPADA (latest available on the MoFPI website) are attached below.

F. No. 21-MFPI/11-Mega FP (Vol-II)-Part(1)
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated: 04.03.2021

OFFICE MEMORANDUM

This is in reference to para 5.2.1(vi) of Mega Food Parks Scheme guidelines dated 21.07.2016 & 10.02.2014 and subsequent amendment vide OM dated 26.12.2019 of the Ministry.

2. Consequent to the decision of IMAC in its meeting held on 20.01.2021 in this regard, the following provisions have been amended as under:

Revised guidelines for Mega Food Park Scheme w.e.f. 21.07.2016		
Para No.	Existing provision of scheme guidelines after the amendment by O.M. dated 26.12.2019	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vi)	SPVs / IAs are not permitted to sell the plots in Mega Food Parks. The plots can only be given on lease to other entrepreneurs for setting up of food processing units in the Park. However, subsequent conversion of leasehold to freehold may be allowed in Government sponsored MFPs as per State Policy in force.	<p>The plots in Mega Food Parks can either be given on lease or sold to other entrepreneurs for setting up of food processing units in the Park. However, permission for sale of plot by SPV/IA is subject to compliance of following conditions:</p> <p>a. The SPV/IA would submit an affidavit* confirming their responsibilities as per the provisions of the MFP scheme guidelines including under clause 5.1.1.</p> <p>b. The SPV/IA would include two clauses in the sale agreement that the plot would be utilized only for setting up of food processing units and sale will happen only with consent of lending bank**.</p>

*As per the prescribed format attached.

**no sale shall be allowed unless the bank that has given term loan to the SPV for development of the MFP, if the loan is outstanding, then any sale of plot shall happen only with such bank's approval and on the terms and conditions specified by them.



Revised guidelines for Mega Food Park Scheme w.e.f. 10.02.2014


Para No	Existing provision of scheme guidelines after the amendment by O.M. dated 26.12.2019	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vi)	Every SPV will publish the user charges/hiring rates for common facilities and lease rental rates for plots and factory buildings for MSEs in the Mega Food Park on their websites for wider information of the prospective investors. Rate of plots in the Mega Food Park may also be made available to Ministry of Food Processing Industries and State Government concerned for uploading on their websites. SPVs are not permitted to sell plots/facilities in Mega Food Parks and can only give plots/facilities on lease to other food processing units. However, subsequent conversion of leasehold to freehold may be allowed in Government sponsored MFPs as per State Policy in force.	<p>Every SPV/IA will publish the user charges/hiring rates for common facilities and lease rental rates for plots and factory buildings for MSEs in the Mega Food Park on their websites for wider information of the prospective investors. Rate of plots in the Mega Food Park may also be made available to Ministry of Food Processing Industries and State Government concerned for uploading on their websites. The plots in Mega Food Parks can either be given on lease or sold to other entrepreneurs for setting up of food processing units in the Park. However, permission for sale of plot by SPV/IA is subject to compliance of following conditions:</p> <ol style="list-style-type: none"> The SPV/IA would submit an affidavit* confirming their responsibilities as per the provisions of the MFP scheme guidelines including under clause 5.1.1. The SPV/IA would include two clauses in the sale agreement that the plot would be utilized only for setting up of food processing units and sale will happen only with consent of lending bank**.

*As per the prescribed format attached.

**no sale shall be allowed unless the bank that has given term loan to the SPV for development of the MFP, if the loan is outstanding, then any sale of plot shall happen only with such bank's approval and on the terms and conditions specified by them.

3. The above amended provisions will also be applicable to the Mega Food Park Project being implemented under guidelines for scheme of Mega Food Parks (Consolidated as on 01.10.2012).

4. This issues with the approval of Competent Authority.


4/3/2024
(Kuldeep Kumar Singh)
Deputy Secretary

Email: kuldeepkrsingh-cwc@nic.in

AFFIDAVIT

I, _____ s/o _____ aged _____ yrs is the Lead Promoter/Director of M/s _____ (*Name of SPV and address of registered office*) _____ hereby solemnly affirm, declare and also certify that We, as SPV are implementing the Mega Food Park Project at _____ (*location address of MFP*).

That, I am the deponent herein and I am fully acquainted with the information given below.

2. I also affirm that as per the applicable guidelines of Mega Food Park scheme, We, as SPV hold responsibility of execution, ownership and management of above mentioned Mega Food Park Project; and

3. I further affirm that We as SPV, shall continue to own and maintain the common infrastructure including common facilities in above mentioned MFP project and shall not transfer the ownership of these common infrastructure including common facilities by sale or any other means;

4. That, all the existing members of SPV and any other member (s) included in SPV due to change as per Share Subscription Agreement in future, shall abide by the above conditions mentioned at sl. no. 2 & 3.

5. I also affirm that SPV shall maintain proper account of the project implementation and the maintenance of infrastructure and common facilities during and after commissioning of the above project.

(signature)
Deponent

Verification :

Verified that the content of this affidavit are true and correct to the best of the knowledge and belief of the deponent and no part of this affidavit is kept concealed therein, If anything is found false in this Affidavit subsequently deponent and SPV shall be liable jointly and severally for action under the laws, hence verified at (Place) on (Date) .



F. No. 21-MFPI/11-Mega FP (Vol-II)-Part(1)

Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated: 29.07.2020

OFFICE MEMORANDUM

This is in reference to para 5.2.1(vii) of Mega Food Parks Scheme guidelines dated 10.02.2014 & 21.07.2016 of the Ministry regarding bar for SPVs/IAs to sell or lease out common facilities in the MFP projects. They can only be offered to units on rental basis. Also OM dated 26.12.2019 in this regard may be referred.

2. Consequent to the decision of IMAC in its meeting held on 18.05.2020 & subsequent decision of Ministry in this regards, the following provisions has been amended as under: -

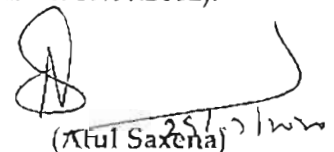
Revised guidelines for Mega Food Park Scheme w.e.f. 10.02.2014		
Para No	Existing provision of scheme guidelines after the amendment by O.M. dated 26.12.2019	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vii)	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. However, use of common facilities at CPC by SPVs/IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC facilities.	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. However, use of common facilities at CPC/ PPC by SPVs/ IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC / PPC facilities.
5.2.1 (viii)	New provision	SPVs/ IAs may offer a part of common area in admin building or area earmarked for training facilities or SDF sheds of their Mega Food Park project on lease/ rent basis to independent training providers for the purpose of setting up of skill training center for various job roles in Food Processing.
9.1.1 (vii) 9.1.2 (vii) 9.1.3 (viii) 9.1.4 (vii)	New Provision	Certificate by PMC confirming that physical progress of Civil & P&M work done on site is in consonance with the financial progress of the project. In this regard, PMC to also submit Chartered Engineer

	Certificate (Civil & Mechanical) certifying the work executed on site (along with measurements etc) and quality of work etc.
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Revised guidelines for Mega Food Park Scheme w.e.f. 21.07.2016		
Para No	Existing provision of scheme guidelines after the amendment by O.M. dated 26.12.2019	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vii)	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. However, use of common facilities at CPC by SPVs/IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC facilities.	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. However, use of common facilities at CPC/PPC by SPVs/IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC/PPC facilities.
5.2.1 (ix)	New provision	SPVs/ IAs may offer a part of common area in admin building or area earmarked for training facilities or SDF sheds of their Mega Food Park project on lease/ rent basis to independent training providers for the purpose of setting up of skill training center for various job roles in Food Processing.
9.1.1 (vii) 9.1.2 (viii) 9.1.3 (viii) 9.1.4 (vii)	New provision	Certificate by PMC confirming that physical progress of Civil & P&M work done on site is in consonance with the financial progress of the project. In this regard, PMC to also submit Chartered Engineer Certificate (Civil & Mechanical) certifying the work executed on site (along with measurements etc) and quality of work etc.

3. The above amended provisions will also be applicable to the Mega Food Park Project being implemented under guidelines for scheme of Mega Food Parks (Consolidated as on 01.10.2012).

4. This has the approval of competent authority.



(Atul Saxena)

Joint Secretary

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F. No. 21-MFPI/11-Mega FP (Vol-II)-Part(1)
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated 26.12.2019

OFFICE MEMORANDUM

This is in reference to para 3.1, 3.4, 5.1.1, 5.1.3, 5.2.1(vi) and 5.2.1(vii) of Mega Food Parks Scheme guidelines dated 10.02.2014 & 21.07.2016 of the Ministry regarding bar for SPVs/IAs to use common facilities in the park as per guidelines and not permitting sale of plots in the MFP projects being implemented by SPVs/IAs which have been accorded Final approval.

2. Consequent to the decision of IMAC in its meeting held on 14.06.2019 & subsequent decision of Ministry in this regards, the following provisions has been amended as under:-

Revised guidelines for Mega Food Park Scheme w.e.f. 10.02.2014		
Para No	Existing provision of scheme guidelines	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vi)	Every SPV will publish the user charges/hiring rates for common facilities and lease rental rates for plots and factory buildings for MSEs in the Mega Food Park on their websites for wider information of the prospective investors. Rate of plots in the Mega Food Park may also be made available to Ministry of Food Processing Industries and State Government concerned for uploading on their websites. SPVs are not permitted to sell plots/facilities in Mega Food Parks and can only give plots/facilities on lease to other food processing units.	Every SPV will publish the user charges/hiring rates for common facilities and lease rental rates for plots and factory buildings for MSEs in the Mega Food Park on their websites for wider information of the prospective investors. Rate of plots in the Mega Food Park may also be made available to Ministry of Food Processing Industries and State Government concerned for uploading on their websites. SPVs are not permitted to sell plots/facilities in Mega Food Parks and can only give plots/facilities on lease to other food processing units. <i>However, subsequent conversion of leasehold to freehold may be allowed in Government sponsored MFPs as per State Policy in force.</i>



5.2.1(vii)	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. <i>However, use of common facilities at CPC by SPVs/IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC facilities.</i>
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Revised guidelines for Mega Food Park Scheme w.e.f. 21.07.2016		
Para No	Existing provision of scheme guidelines	Amended provisions of scheme guidelines applicable hence forth.
5.2.1(vi)	SPVs / IAs are not permitted to sell the plots in Mega Food Parks. The plots can only be given on lease to other entrepreneurs for setting up of food processing units in the Park.	SPVs / IAs are not permitted to sell the plots in Mega Food Parks. The plots can only be given on lease to other entrepreneurs for setting up of food processing units in the Park. <i>However, subsequent conversion of leasehold to freehold may be allowed in Government sponsored MFPs as per State Policy in force.</i>
5.2.1(vii)	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis.	The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis. <i>However, use of common facilities at CPC by SPVs/IAs is allowed, subject to the units in the MFP to the extent operational having first right on the CPC facilities.</i>

3. The above amended provisions will also be applicable to all the Mega Food Park Projects being implemented under guidelines for scheme of Mega Food Parks(Consolidated as on 01.10.2012).

4. This has the approval of competent authority.


(Atul Saxena)

Director

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Copy to all SPVs/IAs

F. No. 21-MFPI/11-Mega FP (Vol-II)-Part(1)
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049

Dated 26.12.2019

OFFICE MEMORANDUM

This is in reference to para 10.1 & 10.2 of Mega Food Parks Scheme guidelines and OM No. 66-MFPI/10-Mega FP dated 02.07.2015 of the Ministry regarding imposition of penalty on the SPVs/IAs of all the projects which have been accorded Final approval, in case of their failure to meet the timeline for each installment due.

2. In this regard, it has been observed that no project has been able to adhere to the 30 months' timeline to complete the project as prescribed in the Scheme Guidelines and there has been inordinate delay in meeting the timelines for each installment of grant including the first installment. Resultantly, the implementation period for the projects under execution is invariably being extended again and again.

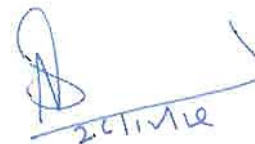
3. The para 10.2 of the scheme guidelines provides for imposition of penalty on the SPVs which do not meet the timeline without adequate justification. The IMAC in its meeting held on 14.06.2019, decided to impose penalty in the form of reduction of grant amount of the installment on the SPVs/IAs, which do not adhere to the timelines provided in para 10.1 for each installment including the first installment.

4. Consequent to the decision of IMAC in its meeting held on 14.06.2019, the following provisions would be applicable for imposition of penalty on the SPVs/IAs of all the projects which have been accorded Final approval, in case of their failure to meet the timeline for each installment including the first installment due: -

- a. In case of non-adherence to the timeline of a particular installment due to the project, a penalty amounting to 1% of the quantum of installment due for release to the SPVs/IAs will be imposed for each month's delay beyond the stipulated timeline. The maximum amount of penalty, however, shall not exceed 10% of the installment to be released to the SPVs/IAs.
- b. The penalty will be imposed for such delay till the date of submission of the complete documents to the Ministry by the SPVs/IAs for the installment of the grant due.
- c. The timeline for each installment as provided in para 10.1 of the scheme guidelines and / or as approved by the IMAC at the time of according final approval shall be applicable for this purpose. Only 'force de majeure' reasons will be accepted as genuine reasons for delay in cases where SPVs/IAs fails to adhere to the timeline and request the Ministry for relaxation of penal action.



- d. However, the decision of IMAC shall be final and binding on imposition of the penalty, quantum of the penalty and the period for which the penalty to be imposed.
5. Remaining conditions as mentioned in OM 66-MFPI/10-Mega FP dated 02.07.2015 will be applicable.
6. This has the approval of competent authority.



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Copy to all SPVs/IAs

**F. No. 21-MFPI/11-Mega Food Park
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi-110049**

Subject:- Revised guidelines for Mega Food Park Scheme w.e.f. 21.07.2016.

1. Background

- 1.1. Based on extensive feedback and consultations with various stakeholders, the earlier Scheme of Food Parks during the 10th Five Year Plan was revised and reformulated as the Mega Food Parks Scheme (MFPS) during the 11th Five Year Plan. The guidelines of the Scheme were notified initially on 24.10.2008. On the basis of learning experience over a period of time and for more effective implementation of the Scheme, these guidelines were modified time to time and consolidated on 19.12.2009, 17.11.2011, 01.10.2012 and 10.02.2014.
- 1.2. The Scheme is being implemented by the Ministry to develop Mega Food Parks in the country. CCEA has approved 42 Mega Food Parks during 11th & 12th Plan (5 projects in first phase, 10 projects in second phase, 15 projects in third phase and 12 projects in fourth phase).
- 1.3. The revised Scheme guidelines after incorporating all the modifications approved till date are given below. These guidelines will be applicable to all the projects to be approved under the Scheme, against any fresh Expression of Interest (EoI) floated after 21.07.2016.

2. Objectives of the Scheme

- 2.1. The primary objective of the MFPS is to provide modern infrastructure facilities for the food processing along the value chain from the farm to the market. It will include creation of processing infrastructure near the farm, transportation, logistics and centralized processing centers. The main feature of the Scheme is a cluster based approach. The scheme will be demand-driven and will facilitate food processing units to meet environmental and safety standards.
- 2.2. The expected outcome is increased realization for farmers, creation of high quality processing infrastructure, reduction in wastage, capacity building of producers, processors and creation of an efficient supply chain along with significant direct and indirect employment generation.

3. Salient Features of the Scheme

- 3.1. The Scheme aims to facilitate the establishment of a strong food processing industry backed by an efficient supply chain, which would include collection centers, primary processing centers and cold chain infrastructure. The food

- processing units, under the scheme, would be located at a Central Processing Centre (CPC) with need based common infrastructure required for processing, packaging, environmental protection systems, quality control labs, trade facilitation centers, etc.
- 3.2. The extent of land required for establishing the CPC is estimated to be between 50-100 acres, though the actual requirement of land would depend upon the business plan of investor(s), which may vary from region to region. CPC would be supported by Primary Processing Centers (PPC) and Collection Centers (CCs) in identified locations based on a techno-feasibility study, adequate to meet the raw material requirements of the CPC. The land required for setting up of PPCs and CCs at various locations would be in addition to land required for setting up the CPC.
 - 3.3. It is expected that, on an average, each project may have around 25-30 food processing units with a collective investment of around Rs. 250 crore that would eventually lead to an annual turnover of about Rs. 450-500 crore and **creation of direct / indirect employment of about 5000 persons. Each MFP on being fully operational will also benefit about 25000 farmers.** However, the actual configuration of the project may vary depending upon the business plan for each Mega Food Park. The aggregate investment in CPC, PPCs and CCs should be proportionate and commensurate to the size of the total project keeping in view the economies of scale.
 - 3.4. The spirit of the guidelines of the Mega Food Parks Scheme is to facilitate setting up of only food processing industries. Accordingly, only food processing industries that make food products fit for human / animal consumption may be permitted to be set up in the Mega Food Parks. Packaging facilities of food products as ancillary to the food processing industries will also be eligible for setting up in the Mega Food Parks.

4. Pattern of Assistance

- 4.1 The Scheme shall provide a capital grant at the rate of 50 percent of the *eligible project cost** in general areas and at the rate of 75 percent of eligible project cost in difficult and hilly areas i.e. North East Region including Sikkim, J&K, Himachal Pradesh, Uttarakhand and ITDP notified areas of the States subject to a maximum of Rs. 50 crore per project.

*The eligible project cost is defined as total project cost but excluding cost of land, pre-operative expenses and margin money for working capital. However, interest during construction (IDC) as part of preoperative expenses and fee to Project management consultant (PMC) up to 2% of the approved grant would be considered under eligible project cost.

- 4.2 In the interest of expeditious implementation of the projects, the Ministry would engage a Program Management Agency (PMA) to provide management, capacity building, coordination and monitoring support. For meeting the cost of the above and also other promotional activities by the Ministry, office expenses & travel

expenses related to the scheme amounting up to 5% of the overall grant available, will be earmarked.

- 4.3 The project cost for the purpose of eligibility under this Scheme would consist of the following components:

I. Core Processing Facilities

- 4.3.1. **Central Processing Center:** Cost of civil work & equipments for common facilities like testing laboratory, cleaning, grading, sorting and packing facilities, dry warehouses, specialized storage facilities, cold storage including Controlled Atmosphere Chambers, Pressure Ventilators, variable humidity stores, pre-cooling chambers, ripening chambers etc., cold chain infrastructure including reefer vans, packaging unit, irradiation facilities, steam sterilization units, steam generating units, Food incubation cum development centers etc.
- 4.3.2 **Primary Processing Centers and Farm Proximate Collection Centers:** These shall have components like cleaning, grading, sorting and packing facilities (including equipment), dry warehouses, specialized cold stores including pre-cooling chambers, ripening chambers (including equipment), reefer vans, mobile pre-coolers, mobile collection vans etc.
- 4.3.3 The above mentioned facilities are only illustrative and the exact nature of facilities may vary from project to project based on specific requirements as appraised by the concerned bank. However, it is desirable to allocate at least 25 percent of the eligible project cost towards creation of above mentioned core processing facilities.

II. Factory buildings

- 4.3.4 Depending on demand in the area, the Mega Food Park may provide standard factory sheds for Micro and Small Enterprises (MSEs) which are to be built on a maximum of 10 per cent of the area of CPC as part of plug and play facilities for MSEs.

III. Enabling Basic Infrastructure

- 4.3.5 It will include site development including development of industrial plots, boundary wall, roads, drainage, water supply, electricity supply including captive power plant, effluent treatment plant, telecommunication lines, parking bay including traffic management system, weighbridges etc. at the PPC and CPC level. However, of the total proposed cost of captive power plant, cost not exceeding Rs.10 crore shall be considered as eligible project cost for grant assessment. Any additional cost towards setting up of captive power plant

would be required to be met exclusively from SPV's contribution through equity and debt. The SPV has to demonstrate a firm plan to ensure good quality and assured power supply to prospective units in the Park.

IV. Non-Core Infrastructure

4.3.6 It will consist of support infrastructure such as administrative buildings, training center including equipment, trade and display center, crèche, canteen, worker's hostel, offices of service providers, labour rest and recreation facilities, marketing support system, etc. However, the cost of non-core infrastructure facilities not exceeding 10 percent of the eligible project cost, would be eligible for grant purpose.

V. Project Implementation Expenses

4.3.7 This would include cost of hiring the services of domain consultants by the SPV's for preparation of DPRs, supply chain management, engineering/designing and construction supervision etc.

VI. Land

4.3.8 At least 50 acres of land for the project shall be arranged by the SPV either by purchase or on lease of at least 75 years. The registered value of such land would be taken as part of the project cost and contribution/share of the SPV. The GoI grant shall not be used for procurement/purchase of land. The land and/or infrastructure taken on lease for PPCs / CCs, the lease period should be at least 25 years.

5. Implementation Process

5.1. Special Purpose Vehicle (SPV)

5.1.1. The responsibility of execution, ownership and management of the Mega Food Park would vest with a Special Purpose Vehicle (SPV) registered under the Companies Act. However, State Government/ State Government entities/Cooperatives applying for the project under the scheme will not be required to form a separate SPV.

5.1.2. The Anchor Investor in the SPV holding majority stake, with or without other promoters of the SPV, will be required to set up at least one food processing unit in the park with an investment of not less than Rs. 10 crore. The Anchor Investor will have at least 51% stake in such processing unit(s). However, Setting up of alcoholic beverage unit as an anchor unit will not be allowed. State Government/ State Govt. entities/ Cooperatives will not be required to set up Anchor unit in the park.

5.1.3. The Food Processing unit(s) to be set up by the Anchor Investor in the Mega Food

Park will be completed and commissioned along with the commissioning of the Mega Food Park project by the SPV.

5.1.4. The preference for sanctioning assistance under the Scheme may be given to those SPVs which focus on processing of wide range of perishable products.

5.1.5. Only one Mega Food Park project will be sanctioned in a district.

5.1.6. No second proposal will be considered for sanction from the same promoter(s) within two years of the completion* of already allotted mega food park project. Thereafter, the allotment of second project from the same promoter(s) will be based on the assessment of performance of earlier allotted project.

*Completion of MFP means operationalization of CPC and PPC, allotment of at least 75% of total leasable area / plots, commencement of operations in at least 25% of the units and operationalization of Anchor unit.

5.2 Eligibility criteria for SPV / Implementing Agency (IA)

5.2.1 The main eligibility criteria of the SPVs / Implementing Agencies (IAs) of the project under the Scheme, are indicated below:

- i. SPV shall be a body corporate registered under the Companies Act. However, in case of State Government/ State Government entities/Cooperatives implementing the project, registration of a separate SPV under the Companies Act will not be necessary.
- ii. The promoter holding maximum equity in the SPV will be the lead promoter. The lead promoter will be primarily responsible for co-ordination with all stakeholders including with the Ministry of Food Processing Industries to ensure effective implementation of the project.
- iii. The combined net worth of the promoters/proposed shareholders of SPV should not be less than Rs.50.00 crore. Each member in SPV must have a net worth at least 1.5 times of his/her proposed equity contribution in order to ensure requisite contribution for the project from each shareholder.
- iv. The SPV needs to bring in at least 20 percent of the total project cost as equity in general areas and at least 10 percent of the total project cost in difficult and hilly areas i.e. North East Region including Sikkim, J&K, Himachal Pradesh, Uttarakhand and ITDP notified areas of the States. However, State Government / State Government entities will be required to contribute at least 10 percent of the total project cost of the Mega Food Park project, not necessarily, in the form of the equity.
- v. Central Government agencies becoming shareholders in the SPV, can only hold up to 26 percent of equity in the SPV. However, there will be no such restriction on State Govt./ State Govt. entities/ its Cooperatives.
- vi. SPVs / IAs are not permitted to sell the plots in Mega Food Parks. The plots can only be given on lease to other entrepreneurs for setting up of food processing units in the Park.

- vii. The common facilities in the park cannot be sold or leased out. They can only be offered to units on rental basis.
- viii. Every SPV / IA will publish the user charges/hiring rates for common facilities and lease rental rates for plots and factory buildings for MSEs in the Mega Food Park on their websites for wider information of the prospective investors. This information will also be made available to Ministry of Food Processing Industries and State Government concerned for uploading on their websites.

5.2.2 The Implementing Agency would be responsible for the following:

- i. To formulate the Detailed Project Report (DPR) and execute the project in a transparent, efficient and timely manner.
- ii. To procure/purchase land and ensure external infrastructure linkages for the project.
- iii. To obtain statutory approvals/clearances including environmental clearances, which are prerequisite for commencement and operation of the Project.
- iv. To achieve financial closure and ensure completion of the project.
- v. To own and maintain the common infrastructure including common facilities.
- vi. To receive grant-in-aid under the Scheme, and to ensure its utilization in a transparent and judicious manner.
- vii. To maintain proper accounts of the project implementation and the maintenance of infrastructure and common facilities after commissioning of the project.

5.3 Program Management Agency (PMA)

5.3.1 The Ministry will appoint Program Management Agency (PMA) to assist it in implementation of the Scheme. The PMA will be a reputed institution with extensive experience in project development, management, financing and implementation of infrastructure projects.

5.3.2 The envisaged role of PMA is as follows:

- i. To assist the Ministry in organizing workshops/media campaigns aimed at sensitizing the potential stakeholders about the scheme.
- ii. To assist the Ministry in inviting Expression of Interest for projects under the Scheme.
- iii. To assist the Ministry in selection of projects through evaluation/appraisal of techno-feasibility reports and DPRs submitted for Mega Food Park projects. Appraisal of the DPRs will include examination of financial viability and sustainability of Ownership & Management structure of the projects.
- iv. To assist in the evaluation of any amendments to the projects/DPRs.
- v. To assist the SPVs in achieving financial closure and obtaining necessary clearances from various authorities for the Project.

- vi. To assist the Ministry in release of the grant under the Scheme.
- vii. To monitor and report the progress of the Mega Food Park projects to the Ministry.
- viii. To maintain and update the database of the projects on monthly basis in the software decided by the Ministry.

5.4 Project Management Consultant (PMC)

- 5.4.1 In addition to the PMA, for ensuring smooth implementation of projects at ground level, Ministry has drawn up a panel of Project Management Consultants (PMC) with experience in preparation of DPRs for large projects and in project implementation. Any of these Ministry's empanelled agencies may be engaged by the SPVs for preparation of DPRs and for assistance in implementation and the cost of which would be considered as one of the eligible components of the project. However, such cost should not exceed 2% (inclusive of taxes) of the eligible grant amount of the project. The list of agencies empanelled by the Ministry is given at **Annexure-A**. The Ministry may revise the list from time to time.
- 5.4.2 In addition to assisting SPV in finalising business plan and preparing Detailed Project Report for the project, which would meet the guidelines of the Scheme and requirements of banks/financial institutions providing term loan for the project, the envisaged role of PMC, inter-alia, would be as follows:
- i. Detailed engineering and design including preparation of detailed cost estimates for various project components/facilities,
 - ii. Assistance to SPV in preparation of a procurement policy, bid documents and selection and appointment of contractors/equipment suppliers in a transparent manner, for project construction and supply of plant and machinery,
 - iii. Monitoring and overseeing the work output of the contractors/equipment suppliers in compliance of the terms and conditions of the contracts/appointments with the objective of ensuring quality, completeness and compatibility of the work carried out in relation to the Project,
 - iv. Assistance to SPV in preparing all necessary documentation for submission to Ministry in order to facilitate release of funds sanctioned under Scheme
 - v. Assistance to SPV in submission of Monthly Progress Reports to Ministry in prescribed format.
- 5.4.3 SPV would enter into an agreement with PMC as per Draft Agreement prepared by the Ministry and any change in PMC later needs to be approved by the Ministry.
- 5.4.4 While PMC would be working primarily with SPV for smooth implementation of

the project, the Ministry may, if required, directly seek reports from PMC on the aspects of project implementation.

5.5 Expression of Interest

- 5.5.1 In response to the notice inviting Expression of Interest (EoI) by Ministry for selection of Projects, a proposal for the proposed Mega Food Park will be submitted by the promoters/SPV. An illustrative list of points to be covered in the proposal along with EoI is provided at **Annexure- B**. The proposal will be evaluated by the Ministry through the PMAs.
- 5.5.2 The proposal would have tentatively identified the locations of the CPC and PPCs, availability of land, potential investors for food processing units in the park, proposed level of investment including the estimated project cost and the proposed means of finance, the number and type of food processing units, and requisite backward and forward linkages. The proposals having ownership and possession of suitable land with Change in Land Use (CLU) for the project will be given preference.

5.6 In-Principle Approval

- 5.6.1 The proposal submitted in response to the EoI will be evaluated by the Program Management Agency (PMA). The applicants will be invited to make a presentation of their proposals before the Technical Committee (TC).
- 5.6.2 The PMA will undertake evaluation on a scale of 100 points on the basis of EoI proposals while the TC will undertake independent evaluation on a scale of 50 points on the basis of the presentation made by the applicants. The final evaluation report along with the recommendations of the TC will be placed before the Inter-Ministerial Approval Committee (IMAC) for consideration of “In-Principle Approval” to the projects. The criteria for evaluation by PMA & TC are given at **Annexure- C** and **D** respectively.
- 5.6.3 If the SPVs / IAs fail to submit the requisite DPRs along with other documents needed for Final Approval, within 4 months from the date of issue of “In-Principle Approval”, the “In-Principle Approval” will be automatically cancelled, unless extension of time is granted by the Ministry.

5.7 Final Approval

- 5.7.1 Project will be accorded Final Approval on fulfillment of the following conditions:
- i. Submission of Detailed Project Report (DPR) consisting of technical,

commercial, financial and management aspect of the project and its appraisal/recommendations of the PMA and Technical Committee. The DPR should include cluster analysis depicting availability of raw materials, legible contour survey report and contour plan/maps of the proposed land, site analysis for element like soil analysis, flood history, onsite features etc. for realistic cost estimate of land development and construction, detailed master plan along with sectional drawings and building plan with legends giving clear picture/title of drawings and other relevant details, construction cost certified by Chartered Engineer, cost of plant and equipment backed with quotations from equipment and machinery suppliers etc. and its appraisal/recommendations of PMA and Technical Committee.

- ii. Submission of proof for possession of at least 50 acres of contiguous land by the SPV for the CPC. The land should have permission for change of land use for industrial /infrastructure purposes.
- iii. Submission of proof for incorporation of SPV and execution of Share Subscription Agreement (SSA) amongst the members of SPV, as per draft SSA to be given by the Ministry.
- iv. Plan to fund the project duly supported by proposed equity / contribution, clearly suggesting the contribution from each of the shareholders and sanction of term loan from the bank along with bank appraisal report.
- v. Proof of appointment of Project Management Consultant (PMC). The PMC for the project should be selected from the agencies empanelled by the Ministry.

6. Technical Committee and Project Inter Ministerial Approval Committee:

6.1 Technical Committee headed by the Additional / Joint Secretary (MoFPI) would scrutinize the proposals and Detailed Project Reports along with the appraisal notes of PMA, and provide its recommendations to the Inter-Ministerial Approval Committee. The other members of the Technical Committee shall be as follows:

- i. Representative of NITI Aayog- Member
- ii. Joint Secretary, MNRE or his nominee- Member
- iii. Economic Advisor, MoFPI- Member
- iv. Joint Secretary/Director (Finance) MoFPI- Member
- v. Principal Secretary / Secretary of the concerned State- Member
- vi. Financial Expert from a Bank/ Financial institution- Member
- vii. Representative of National Horticulture Board as Expert Member
- viii. Joint Secretary (MIDH), Department of Agriculture & Cooperation or his nominee- Member
- ix. Director, Mega Food Park, MoFPI- Member Secretary

6.2 The Inter-Ministerial Approval Committee (IMAC), headed by Hon'ble Minister of Food Processing Industries shall select the projects and grant "In-Principle" and "Final Approvals" to the projects. The IMAC will also monitor the implementation of the projects sanctioned under the Scheme. The members of the Committee shall be as follows:

- i. Hon'ble Minister of Food Processing Industries- Chairperson
- ii. Secretary, MoFPI- Member
- iii. Additional Secretary & Financial Advisor, MoFPI- Member
- iv. Additional / Joint Secretary, In-charge, Mega Food Park Scheme, MoFPI- Convener & Member
- v. Principal Secretary / Secretary (Industries / FPI) of the concerned State- Member
- vi. Joint Secretary (MIDH), Department of Agriculture & Cooperation, Ministry of Agriculture- Member
- vii. Joint Secretary, Ministry of Micro, Small and Medium Enterprises- Member
- viii. Joint Secretary , Department of Animal Husbandry, Dairying and Fisheries- Member
- ix. Joint Secretary, MNRE- Member
- x. Representative of NABARD as Financial Expert- Member
- xi. Representative of the Bank which has appraised by project- Member

7. Role of State Government

7.1 The role of the State Government is envisaged in the following areas:

- i. Providing assistance to SPVs in procurement/purchase of suitable land.
- ii. Providing all the requisite statutory clearances including permission for sub-leasing of land by SPV, wherever needed, for setting up the MFP and its components thereof and providing the necessary assistance for Power, Water, approach roads and other external infrastructure to the project
- iii. Providing flexible and conducive labour environment and consider special facilities like exemption of stamp duty, VAT/Sales Tax exemption etc. for the MFP and the units located in the MFP.
- iv. Monitor the implementation of project.
- v. Nominates a suitable officer to be appointed as Ministry's nominee Director in the SPV.
- vi. Providing a fast track single window agency to facilitate clearances and permissions required for the project.

8. Dovetailing of Assistance and Revisions in Project Cost

8.1 Considering the complexities and challenges associated with a supply chain linked agricultural infrastructure projects of this nature, the SPV / IA may dovetail assistance available under various other schemes of Central and State Governments, which would improve the viability of the projects. While

dovetailing such assistance, it will be ensured that there is no duplication of assistance for the same component/activity of the project.

- 8.2 The revision in project cost after final approval of the project may be considered by the IMAC.

9. Release of Funds

- 9.1 Once the project is accorded Final Approval by the Inter-Ministerial Approval Committee (IMAC), the grant will be released by the Ministry subject to fulfillment of conditions prescribed for each installment as below:

- 9.1.1 First Installment of 30 percent of total grant under the Scheme will be released subject to fulfillment of following criteria:

- i. Establishment of Trust and Retention Account and signing of the TRA Agreement with any Schedule - A Commercial Bank and Regional Rural Banks (RRB). Draft TRA Agreement, clearly giving mode of account operation and duties/responsibilities of lending bank, SPV and PMC, would be shared by the Ministry with SPV / IA.
- ii. Appointment of Ministry's Nominee Director on the Board of the SPV. Representative of State Government will be appointed as a nominee of the Ministry. Tenure of the Ministry nominee will be co-terminus to the operationalization of the project.
- iii. Proof of increase in authorized capital of SPV to allow stipulated equity contribution as per approved means of finance for the project.
- iv. Expenditure certificate from Chartered Accountant confirming expenditure of at least 10 percent of the eligible project cost on the project components. Such expenditure shall be from the bank term loan and promoter's equity proportionately. However, State Governments and its entities will not be required to incur proportionate expenditure.
- v. Award of contracts worth at least equivalent to 30 percent of total project cost including at least 20 percent of approved components of basic enabling infrastructure.
- vi. Recommendation of PMA confirming the fulfillment of above conditions.

- 9.1.2 Second Installment representing 30 percent of approved grant assistance will be released to SPV subject to fulfillment of following criteria:

- i. Utilization Certificate for the 1st installment.
- ii. Proof of proportionate expenditure by SPV from term loan and equity equivalent to the grant amount released as 1st installment.
- iii. Proof of proportionate contribution by SPV from term loan and equity in TRA account, of the eligible project cost equivalent to percentage of grant to be released as 2nd installment.

- iv. Submission of documents as proof of possession of land for all PPCs along with construction schedule.
- v. Proof of commencement of construction of Standard Design Factory sheds for SMEs.
- vi. Proof of allotment of at least 25% of total allotable plots as per approved DPR.
- vii. Recommendation of PMA confirming the fulfillment of above conditions.

9.1.3 Third Installment representing 20 percent of approved grant assistance will be released to SPV subject to fulfillment of following criteria:

- i. Utilization Certificate for the grant released as 2nd installment.
- ii. Proof of proportionate expenditure by SPV from term loan and equity equivalent to the grant amount released as 2nd installment.
- iii. Proof of proportionate contribution by SPV from term loan and equity in TRA account equivalent to the grant amount to be released as 3rd installment.
- iv. Certificate from PMC confirming completion of at least 40 percent of construction of PPCs and proof of expenditure of at least 40 percent of the total proposed cost for PPCs as per approved DPR
- v. Certificate from PMC confirming completion of at least 50 per cent construction of Standard Design Factory sheds for SMEs.
- vi. Proof of allotment of at least 50% of total allotable plots as per approved DPR.
- vii. Recommendation of PMA confirming the fulfillment of above conditions.

9.1.4 Fourth and final Installment representing 20 percent of approved grant assistance will be released to SPV subject to successful completion of project and commencement of operations. The criteria for completion of project are as follows:

- i. Utilization Certificate for the grant released as 3rd installment.
- ii. Proof of expenditure of 100% envisaged contribution of SPV including term loan and equity on the approved project components.
- iii. Certificate from PMC confirming completion of the project as per approval.
- iv. Proof of allotment of at least 75 percent of total allotable plots as per approved DPR and commencement of operations in at least 25 percent of the units.
- v. Completion and Commissioning of the Processing unit(s) of the Anchor Investor in the Park.
- vi. Recommendation of PMA confirming the fulfillment of above conditions.

9.2 The fund released by Govt. of India shall be kept in a separate bank account as stipulated in Trust & Retention Account (TRA) Agreement.

- 9.3 In the event of SPV / IA withdrawing from executing the Project, SPV / IA shall return the amount of grants-in-aid released by MOFPI together with the interest accrued thereon, within a period of not more than 60 days of acceptance of its withdrawal by MOFPI. The accrued interest shall be calculated at the SBI Benchmark Prime Lending Rate prevalent at the time or 10% per annum, whichever is higher. In the event of failure of the SPV in refunding the grant amount along with interest within period specified, a penalty may be imposed by the Ministry.
- 9.4 SPV shall submit a Utilization Certificate (UC) of the amount of grant released by the Ministry as per provisions of General Financial Rules in the format given at **Annexure-E**.

10. Time Schedule:

- 10.1 The time schedule for completion and operationalization of project will be 30 months as detailed below from the date of issue of final approval letter unless extended by IMAC for the reasons to be recorded:

Sl. No.	Particulars	Time Period
1.	Final Approval to release of 1st instalment	6 months
2.	1st instalment to release of 2nd instalment	8 months
3.	2nd instalment to release of 3rd instalment	8 months
4.	3rd instalment to release of 4th and final instalment	8 months
	Total	30 months

- 10.2 The SPV shall make all possible efforts to complete the projects as per the stipulated timelines committed to while seeking approval for the project. In case of non-adherence to stipulated timeline, except in case of force de majeure or reasons beyond the control of SPV, the IMAC may consider imposing appropriate penalty in terms of reducing the grant amount, on case to case basis.

11. Project Monitoring and Evaluation

- 11.1 The Ministry will periodically review the progress of the projects under the Scheme. The PMA would devise a suitable project monitoring system and shall furnish monthly reports/returns to the Ministry on the progress of the approved projects.
- 11.2 The Implementing Agency / SPV of the successfully completed projects will submit the following documents every year to the MoFPI for next five years from the date of release of 4th and final installment of the approved grant:-
- Audited Annual Financial Statement of the SVP showing balance sheet, profit & loss account, schedule and notes to accounts of the Mega Food Park project separately.
 - Percentage capacity utilization of the CPC and PPC facilities.

- c) Status of functioning of each food processing unit setup in the MFP.
12. The decision of the IMAC shall be final and binding on all concerned parties on the interpretation of the provisions of these guidelines and the matters related / incidental thereto.
13. **Court's Jurisdiction:** Any dispute on selection/ rejection and/ or implementation/ cancellation/ withdrawal of the proposal/ project under the scheme will be subject to Courts/ Tribunals having jurisdiction over Delhi.

**List of the empanelled Project Management Consultants (PMC) for Mega Food Parks Scheme
(This list will be updated from time to time with the approval of the Government)**

Sl. No.	Name and Address of PMC	Contact Person	Contact Details and Email
1.	IL&FS Cluster Development Initiatives Ltd., 2nd and 3rd Floor, NTBCL Building, Toll Plaza, DND Flyway, Noida-201301 Uttar Pradesh	Shri Ravi Ranjan Mishra, Senior Vice President	Mob: 9899277820/9971000250 Tel: 0124-2459200 Fax: 0124-2459201 Email: ravi.mishra@ilfsindia.com
2.	Wadia Techno-Engineering Services Ltd., Wing 'A', Raheja Point I, Pt. Jawaharlal Nehru Road, Vakola, Santacruz (East), Mumbai-400055	Shri Vicky Mansharamani, General Manager, CS & BD	Mob: 9820904082 Tel: 022-67339400 Fax: 022-26673193 Email: bd@wadiaengg.com, vicky.mansharamani@wadiaengg.com
3.	Grant Thornton India LLP, 21st Floor, DLF Square, Jacaranda Marg, DLF Phase-II, Gurgaon-122002	Shri Kunal Sood, Associate Director	Mob: 9849013872, 9971199600 Tel: 0124-4628000 Fax: 0124-4628001 Email: gv.subrahmanyam@in.gt.com ; kunal.sood@in.gt.com
4.	Technopak Advisors Pvt. Ltd., 4th Floor, Tower-A DLF Building B, DLF Cyber City, Phase-II, Gurgaon- 1222002	Shri Anupam Bajpai, Associate Vice President	Mob: 9650406699 Tel: 0124-4541111 Email: anupam.bajpai@technopak.com
5.	Darashaw & Company Pvt Ltd., 6th Floor, Express Building, 14th "E" Road, Near Government Law College, Churchgate (West) , Mumbai-400020	Shri Pradeep Kumar, Associate Vice President	Mob: 9987793711 Tel: 022-43022300/370 Email: pradeep-kumar@darashaw.com
6.	Global AgriSystem Pvt. Ltd. J-10, Green Park Main, New Delhi- 110016, India	Shri Rasik Patnaik General Manager, Business Development	Mob: 9540220689 Tel: 011-46360000 Email: rpatnaik@globalagri.com, consulting@globalagri.com ; ythakur@globalagri.com
7.	NABARD Consultancy Services Pvt. Ltd., New Delhi Corporate Office 24, Rajendra Place, 1st Floor NABARD Tower, New Delhi- 110125	Dr. B.R. Premi, AGM	Mob: 8108599440 Tel: 022-26539419 Fax: 022-26520199 Email: br.premi@nabcons.in

The list of the Points / Information to be covered in the EoIs / Proposals

(The objective of this Checklist is to facilitate the potential promoters to submit the proposal covering the salient features of the proposed Project, to enable the assessment of the project against the criterion as listed in Annexure- C & D)

1. Profiles of the Promoters who will be the key shareholders of the Proposed SPV

- 1.1. Names and brief profiles of the proposed promoters/shareholders of SPV along with their contact details.
- 1.2. Indicate the nature and location of existing operations of the Promoters.
- 1.3. Audited balance sheets for last 3 years or Chartered Accountant (CA) Certificates that would establish the net worth of each of the promoters. In case of companies, CA certificates need to be certified by their statutory auditors.
- 1.4. A brief note as to why the promoters are keen to undertake the Mega Food Park project, their vision etc.
- 1.5. In case the SPV is already registered, the details of the SPV including shareholding pattern.
- 1.6. Any other relevant information that would establish the credentials and suitability of the promoters in the context of the Scheme.

2. Profile of the Proposed Project

- 2.1. Rationale for proposed cluster/location in terms of availability of agricultural produces and marketable surplus, with focus on perishable produces.
- 2.2. Proposed Area and availability of requisite land for establishment of central processing center(CPC), primary processing centers (PPCs) and collection centers (CCs) along with tentative layout of the CPC and a typical PPC/ CC.
- 2.3. In case of CPC, selection of site needs to be justified in terms of connectivity and availability of basic infrastructure including power, water, approach road etc.
- 2.4. In case of land being available with promoter(s), proof of possession of land in form of sale deed/lease deed (CLU if applicable).
- 2.5. Details of the proposed core processing facilities (both at CPC and PPCs) and rationale for their selection in terms of availability of raw materials/market and type of food processing units being targeted.
- 2.6. Details of proposed enabling basic infrastructure including requirements of basic utilities like power, water, effluent treatment (both at CPC and PPCs) along with rationale in terms of overall business plan
- 2.7. Details of proposed non-core infrastructure (both at CPC and PPCs) and their justification
- 2.8. Above details for various project components should include area required, estimated capacities and costs for various facilities

- 2.9. Proposed strategy/methodology for building supply chain to ensure supply of raw materials, particularly fruits and vegetables, to the food processing units inside CPC, including estimated quantities
- 2.10. Proof of backward and forward linkages with verifiable details of the linkages, if any.
- 2.11. Estimated turnover of the proposed food processing industry units covered in the project, after successful execution of the project
- 2.12. Estimated direct and indirect employment generation out of implementation of the project, and other impact on the industry and farm produce in the project area
- 2.13. Investment details, mix of the products and processes and area requirement of the processing unit(s) to be set up by the Anchor Investor in the park.
- 2.14. Any other related information.

3. Project Financials and Business Plan

- 3.1. Summary of estimated cost of each of the eligible components of the project for funding by Government as outlined in the Scheme
- 3.2. Proposed means of finance to fund the project: equity, debt etc
- 3.3. The amount of grant support needed for the project, as per the Scheme
- 3.4. Tie-ups with Financial Institutions/Banks, if any, for funding of the Project
- 3.5. Proposed Business Plan –Estimated revenue sources and assumptions, Estimated operating costs and assumptions, Projected profit and loss statements, balance sheets and cash flows based on these assumptions
- 3.6. Key financial indicators such as IRR, DSCR based on above financial assumptions

4. Documents in support of networth:

- a. The net-worth in case of Companies would be calculated based on the definition of net-worth in the Companies Act 2013. However, the re-valuation reserves may be considered as part of the net-worth only if the same is reflected in the Audited Balance Sheet of the Company and continue to be reflected in the Audited Balance Sheet of the Company.
- b. In case of land / building forming part of the networth, the ownership documents, duly authenticated by the competent State Revenue Authority shall be submitted. The valuation of the immovable assets on the basis of circle rates (as on date of application) declared by the concerned State Government should be duly certified by the competent State Revenue Authority.
- c. In case of investment in shares of the listed companies, proofs of the market value of the share at the time of calculation of the value of the investment shall be submitted.
- d. In case of investment in unlisted companies, the latest audited financial statements alongwith complete schedules and notes forming part thereof, duly certified by the

Statutory Auditors shall be submitted in order to calculate the value of shares in that company.

- e. The miscellaneous assets shall be clearly specified and basis of calculation of their value, duly certified by the concerned Govt. approved valuer shall be submitted.
- f. The above valuation must be carried out within a period of 30 days preceding EOI bid submission date.
- g. In the case of proposed SPV shareholders, if there is cross holding of the net-worth amongst the Members (e.g. both a company as well as the shareholders that company are the proposed SPV shareholders), the net-worth of the company would be considered in full, however, net-worth of the individual would be considered only to the tune after discounting its shareholding in the company which is a proposed SPV shareholder.

5. The applicant / promoter has to submit an Undertaking affirming:

- a) that the SPV / Group company (as defined in the Company Law) as well as the applicant company itself has / has not obtained any financial assistance for a food processing project in the past from MFPI. If yes, then complete details are required to be furnished.
- b) that the SPV / applicant company has not obtained/applied for or will not obtain any grant/subsidy from any Ministry/Department of Central Govt/GOI organization/agencies and State Govt for the same activity / components. If yes, then complete details are required to be furnished.

Criteria for Assessment/ Evaluation of EoIs/ Proposals by PMA

Sl. No.	Criteria	Max. Score	Reference Documents to be reviewed
A.	Land	40	
A 1	Possession of Appropriate Land	25	
a)	Complete title and possession of 50 acres or more land in the name of SPV along with CLU	25	CLU and Land Ownership Documents
b)	Complete title and possession of 50 acres or more land in the name of SPV	20	Ownership documents
c)	Allotment letter from State Govt. Agencies to the SPV or its member(s)	15	State Govt. land allotment letter
d)	50 acres or more land available with one or more promoters	10	Ownership documents
e)	Agreement to Sale/Purchase 50 acres or more Land	5	Copy of Agreement
f)	Land identified, but not acquired	0	
A 2	Location of Land	15	
a)	Proof of Water and Power Connection (2.5 marks each)	5	Letter/Certificate from respective Municipal body/Govt. authority
b)	Availability of Approach Road	5	Letter from local body confirming the availability of approach road
c)	Distance from NH/ SH (within 5 kms)	2	Certification from Tehsildaar/Local revenue department and Site coordinates
d)	Nearness of CPC location from domestic consumption center/ exports i.e. Metro/ Tier 1 cities/ Ports (within 50 kms)	2	Copy of map
e)	Distance from APMC Market from CPC (with in 50 kms)	1	
B	Viability of Cluster	10	
B 1	Days of Operations of the Core Facility	5	Revenue Model, crop seasonality matrix and data on marketable surplus of the focused crops in the catchment area
a)	300 and above days	5	”
b)	251 to 300 days	3	”
c)	200 to 250 days	2	”
d)	Less than 200 days	0	

B 2	Availability of raw material within 100 km of the project site	5	”
a)	Availability of surplus perishable raw material	3	”
b)	Area under cultivation of perishable	2	”
C	Details of Promoters	40	
C 1	Networth of promoters whose proposed shareholding in SPV is 26% or more	15	Audited Balance Sheet/ CA Certificate/ Related Net-worth Documents
a)	More than 200 crore	15	
b)	Rs 151 cr - Rs 200 cr	12	
c)	Rs 101 Cr - Rs 150 Cr	10	
d)	Rs 50 Cr - Rs 100 Cr	5	
C 2	Existing Linkages of Promoters	15	
(i)	Existing Backward Linkage	5	Documents in support of linkage like ownership, existing facilities
a)	Project in the same region/ catchment with existing backward linkages	5	Ownership documents
b)	Project in different region/ catchment with existing backward linkages in the proposed project area	3	Ownership documents
c)	No existing backward linkages	0	
(ii)	Existing Forward Linkages	10	Details of linkages with supporting documents
a)	Existing forward linkages	10	
b)	No existing forward linkages	0	
C 3	Food Processing Experience	10	Balance Sheet of existing operations
a)	Turnover > Rs.10 crore	10	”
b)	Turnover from Rs.1 crore to Rs.10 crore	5	”
D	Anchor Investment Unit	10	
a)	More than 20 Crore	10	Undertaking along with project profile
b)	Rs 15 Crore to 20 Crore	5	Undertaking along with project profile
c)	Less than 15 Crore	0	
	Total	100	

Criteria for Evaluation of Technical Presentation by Technical Committee (TC)

Sl. No.	Criteria	Max. Score	Reference Documents to be reviewed
A	Proposed Project Model	15	
A 1	Synchronization of Core Processing facilities with focused crops	10	DPR/ Cluster Analysis and Project Components
a)	Common Processing Facilities at CPC and PPC in synchronization with focused crops	10	”
b)	Common Processing Facilities at CPC or PPC in synchronization with focused crops	5	”
c)	No synchronization	0	
A 2	Eligible Investment in PPC/CC	5	
a)	More than 20% of eligible project cost	5	DPR/ Project Cost
b)	10-20% of eligible project cost	3	”
c)	Less than 10%	1	”
B	Investment in Mega Food Park	30	
B 1	Focus on Perishables (as % age of total investment in Core Processing Facilities)	15	DPR/ Project Cost and Components
a)	More than 40%	15	”
b)	30-40%	10	”
c)	10-30%	5	”
B 2	Total Eligible Investment in the MFP	15	DPR/ Project Cost
a)	More than Rs 150 Crore	15	”
b)	Rs 130 Cr - Rs 150 Cr	10	”
c)	Rs 100 Cr - Rs 129 Cr	5	”
C	Special Strength	5	
a)	Any promoter with shareholding of 26% and more having existing export operations in food products	2	Supporting documents
b)	Any foreign food processor investor in the SPV as promoter (with shareholding 26% and more)	2	Supporting documents
c)	State Govt. support for the project	1	letter from state government confirming necessary support to the project
	Total	50	

Format for Utilization Certificate

FORM GFR 19-A

[See Rule 212(1)]

Sl. No.	Letter No. and Date	Amount
	Total	

Certified that out of Rs..... of grants-in-aid sanctioned during the year.....in favour of..... Under Ministry of Food Processing Industries Letter No. given in the margin and Rs.....on account of unspent balance of the previous year, a sum of Rs.....has been utilized for the purpose of.....for which it was sanctioned and that the balance of Rs..... remaining unutilized at the end of the year has been surrendered to Government (*vide* No....., dated.....)/will be adjusted towards the grants-in-aid/ equity payable during the next year.....

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid/ equity was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.

Signature.....
Designation.....
Date.....

Operational Guidelines dated 17.12.2019

[for setting up of Integrated Cold Chain Projects against the Expression of Interest (EoI) to be published]

for

***“Scheme for Integrated Cold Chain and Value Addition Infrastructure
under PRADHAN MANTRI KISAN SAMPADA YOJANA”***



Government of India

MINISTRY OF FOOD PROCESSING INDUSTRIES

Panchsheel Bhawan, August Kranti Marg, New Delhi- 110049

REVISED OPERATIONAL GUIDELINES OF THE SCHEME FOR INTEGRATED COLD CHAIN AND VALUE ADDITION INFRASTRUCTURE (dated 17.12.2019)

1. Background

The Scheme for Integrated Cold Chain, Value Addition and Preservation Infrastructure was launched during 2008 and the original guidelines were notified on 18.03.2010. Based on feedback and consultations with stakeholders, the scheme guidelines were modified on 20.11.2013, 08.08.2014, 29.08.2016, 08.03.2018 and subsequently on 18.01.2019 for the purpose of smooth implementation and to achieve the objective of the scheme. Based on further feedback and experience of implementation of the scheme, the guidelines are further revised with immediate effect. These revised guidelines will be applicable to Expression of Interest (EOI) issued by the Ministry for taking up new Integrated Cold Chain Projects prospectively.

2. Objective

The objective of the scheme is to provide integrated cold chain, preservation and value addition infrastructure facilities without any break, from the farm gate to the consumer in order to reduce post-harvest losses of horticulture and non-horticulture agri-produce. This will enable linking groups of producers to processors and market through a well-equipped supply chain and cold chain, thereby ensuring remunerative prices to farmers and year-round availability of food products to consumers.

3. Eligible organizations/entities

Integrated cold chain and value addition infrastructure projects can be set up by Partnership/ Proprietorship Firms, Companies, Corporations, Cooperatives, Self Help Groups (SHGs), Farmer Producer Organizations (FPOs), NGOs, Central/State PSUs, etc. with business interest in cold chain solutions and also by those who manage supply chain.

4. Components of the Scheme

The scheme allows flexibility in project planning with special emphasis on creation of cold chain infrastructure at farm level. The scheme will have the following project components:

- (a) Farm Level Infrastructure**, which may include processing center, situated in the catchment area of the targeted produce. This shall have one or more of the facilities mentioned in sub-para 5.1 (a to j) below. In addition, it may also have one or more of the facilities mentioned in sub-para 5.1 (m to u) below.

For projects in the fruits & vegetables sector, farm level infrastructure shall include at least one of the facilities listed at sub-para 5.1 (a), (c) & (m).

- (b) Distribution hub** - This shall have a modern multi-product, multi-temperature cold storage. It may also include one or more of the facilities mentioned in para 5 below depending upon the business plan of the project.

(c) Refrigerated vans/ refrigerated trucks/ insulated vans/mobile insulated tankers.

(d) Irradiation facility.

To avail financial assistance under this scheme, the applicant will have to set up Farm Level Infrastructure as mentioned at (a) above and any one or both of the components from (b) and (c) above.

Considering the functional nature of the facility, irradiation component will be treated as a standalone facility for the purpose of availing grant under the scheme.

5. Eligible facilities for calculation of grant

5.1 Assistance under the scheme can be availed for creation of the following facilities:

- (a)** Integrated Pack-house (with mechanized sorting & grading line/ packing line/ waxing line/ staging cold rooms, etc.)
- (b)** Ripening Chamber(s)
- (c)** Cold Storage Unit(s) [Associated with value addition]
- (d)** Controlled Atmosphere (CA) storage [Associated with value addition]
- (e)** Frozen Storage/Deep freezers [Associated with value addition]
- (f)** IQF line, Tunnel Freezer, Spiral Freezer, Blast Freezer, Plate Freezer
- (g)** Vacuum Freeze Drying
- (h)** Milk Chilling / Bulk Milk Cooling/ Automatic Milk Collection Unit/ Milk Processing Unit (including packing) for which temperature control is necessary during some part of the processing. (Maximum 50 nos. of Milk Chilling or Bulk Milk Cooling or Automatic Milk Collection Unit to be assisted per project)
- (i)** Poultry/Meat/Marine/Fishery Processing Unit
- (j)** Packaging line for chilled /frozen/temperature controlled products
- (k)** Food Irradiation unit
- (l)** Refrigerated/ Insulated transport
- (m)** Pre Cooling Unit(s)
- (n)** Mobile pre-coolers
- (o)** Retail refrigerated carts, temperature controlled solar powered retail carts (maximum 10 numbers to be assisted per project)
- (p)** Reefer boats (maximum 10 numbers to be assisted per project)
- (q)** Refrigerated Containers including multi-modal container units
- (r)** Renewable/ alternate energy technologies (solar, bio-mass, wind etc.) for the project. [maximum permissible cost is ₹35 lakh, as per MIDH norms]
- (s)** Accessories/support infrastructure/ utilities such as fixed racking system in Cold/CA storage, fork lifts, reach trucks, bins, insulated fish boxes, pallets, dock levellers, mezzanine flooring, ETP, boiler, CIP unit, Depodder, Peeler, Slicer/Dicer, Blancher, sorting/grading line, etc.
- (t)** In-house product testing laboratory
- (u)** Any other modern technology for temperature controlled storage, processing, value addition and preservation infrastructure as may be decided by Inter Ministerial Approval Committee (IMAC)

- (v) Toilets, Septic tank, drainage, etc.

Note: CA Storage should normally be located near production areas. Otherwise, detailed justification to be given in the DPR.

- 5.2** Assistance for refrigerated/insulated transport can be availed either at Farm Level Infrastructure and / or Distribution Hub depending upon the business plan of the project.
- 5.3** Stand-alone facilities/ component, except irradiation facility will not be considered for assistance under this scheme.
- 5.4** Irradiation facility may also include cold storage, grading and sorting facilities, reefer vans etc. for storage and transportation of raw material and finished products for efficient utilization of the facility.
- 5.5** Both horticultural and non-horticultural produce are eligible for support under this scheme.

6. Ineligible items:

- 6.1** The following items will be considered as non-technical civil works and will be considered ineligible for calculation of grant for the project (The list is only indicative and not exhaustive): -

- (a) Compound Wall
- (b) Approach Road/Internal Roads
- (c) Cost of Land and site development
- (d) Administrative Office Building
- (e) Canteen
- (f) Labour Rest Room and quarters for workers
- (g) Security/ Guard Room or enclosure
- (h) Consultancy fee, taxes, etc.
- (i) Other Non-technical civil works not related to cold chain or storage infrastructure

- 6.2** The following items will also not be considered eligible for calculating the grant for the project (The list is only indicative and not exhaustive): -

- (a) Margin money, working capital and contingencies
- (b) Fuel, consumables, spares and stores
- (c) Transport vehicles other than the reefer trucks/vans/refrigerated carrier/insulated vans/milk tankers
- (d) Pre-operative expenses
- (e) Second hand/ old machines
- (f) All types of service charges, carriage and freight charges, etc.
- (g) Expenditure on painting of machinery
- (h) AC ducting, furniture, computers and allied office items.
- (i) Closed Circuit TV Camera and security system related equipment.
- (j) Consultancy Fee, Taxes, etc. on plant and machinery.

- (k) Stationery items
- (l) Plant & machinery not directly related to cold chain infrastructure
- (m) Fire-fighting equipment, fly catchers, hand washer, laundry etc.
- (n) Reconditioned and refurbished plant & machinery.

The Inter-Ministerial Approval Committee (IMAC) will be the final authority to decide on the admissibility of the grant and the eligibility or otherwise of the items for this purpose.

7. Pattern of assistance: - The scheme will have two types of pattern of financial assistance: -

- (a) For storage infrastructure including Pack House and Pre cooling unit, ripening chamber and transport infrastructure, grant-in-aid @ 35% for General Areas and @ 50% for North East States, Himalayan States, Islands & ITDP Areas, of the total cost of plant & machinery and technical civil works will be provided.
- (b) For value addition and processing infrastructure including frozen storage/ deep freezers associated and integral to the processing, grant-in-aid @ 50% for General Areas and @ 75% for North East States, Himalayan States, Islands & ITDP Areas, will be provided.
- (c) For irradiation facilities grant-in-aid will be provided @ 50% for General Areas and @ 75% for North East States, Himalayan States, Islands & ITDP Areas.

Note: (i) Maximum grant-in-aid would be ₹10 crore per project.

(ii) The grant will be provided only in respect of technical civil works and eligible plant & machinery.

(iii) Cost norms of Mission for Integrated Development of Horticulture (MIDH) issued by Department of Agriculture, Co-operation and Farmers Welfare will be followed wherever available. For facilities not covered under MIDH guidelines, cost norms as determined by the Ministry will be followed.

(iv) The SC or ST promoter(s), as the case may be, holding 100% stake in the implementing agency/ firm, will be treated as ST/ SC proposals and will be treated at par with NE States for the purpose of extending benefits under the scheme. For any change in the constitution/ composition of such proposals, prior permission of Ministry shall be required.

8. Basic Eligibility Criteria:

The proposals have to meet the following basic eligibility criteria under the scheme:

- (a) The net worth of the applicant should be at least 1.5 times of the grant applied for. The net worth will be calculated as follows: -

(i) **In respect of Pvt. Ltd./ Public Ltd. Companies:**

The net worth will be ascertained based on the paid-up share capital of the company and reserves created out of profits.

A latest provisional balance sheet duly certified by the Statutory Auditor of the Company needs to be submitted for ascertaining the net worth.

Share application money would be considered towards calculation of net worth provided the same has been converted into Paid up Capital within stipulated time as per Companies Act but, in any case, it should be converted into paid up capital before submission of the proposal to the Ministry.

Revaluation reserves only in respect of land & building may be considered for ascertaining the net worth, which will be based on circle rates duly supported by circle rate notification and land ownership documents.

In case of Pvt. Ltd./ Public Ltd. Companies where a significant portion of its net worth stands invested in equity shares of unlisted companies or is shown as loans & advances to various parties with nil or negligible income/revenue, then following additional documents would be required to be submitted by the applicant to ascertain the net worth: -

- a. Details of Investments made in unlisted companies by the applicant company,
- b. Audited Financial Statements (AFS) for the previous year or latest provisional Balance Sheet of the companies wherein the investment has been made,
- c. Details of loans & advances along with reasons/justification for the same,
- d. In case it is observed that the equity contribution made by the promoter company has been utilised by the investee company in creating tangible assets/ Capital work in progress in projects which are under execution then such investments in shares would be considered at face value.
- e. However, in case it is observed that the investment by the promoter company is further being reinvested by the investee company in equity shares of unlisted companies or given away as long term/short term advance to individuals/related party/other companies and the investor company has nil/negligible income/ revenue, then no additional clarification shall be asked for and the net worth of such promoter company shall be considered after deducting such investments/loans & advances

(ii) In respect of Proprietorship/ Partnership firms / NGOs / Cooperatives/ SHGs etc.

The net worth of all entities other than companies will be ascertained on the basis of latest balance sheet of individual proprietor/partner(s) i.e. assets minus all liabilities, duly certified by the Chartered Accountant (CA). Following components would be considered towards net worth: -

Assets include cash, current value of investments, land and building (supported by valuation report at circle rate, circle rate notification and land ownership documents), Bonds, cash value of life insurance, current total balance of savings, current or fixed deposit accounts.

The following methodology shall be adopted for determining the net worth:

- a. Net-worth would be sum of the net-worth of the Individual partners and the partnership firm (avoiding duplication of the investment in the partner's capital account of the firm) & the investments of each individual partner towards the partnership firm.
- b. If the applicant is ongoing partnership/proprietorship firm and the applicant has submitted audited balance sheet of such partnership/proprietorship firm, net worth based on the audited balance sheet will be taken into consideration. However, if the net worth as per balance sheet is insufficient then the CA certified statement of Assets and Liabilities of the individual Partners/Proprietors will be taken into consideration provided assets are supported by relevant documents as per the guidelines.
- c. However, since in a partnership/proprietorship firm, liability of partners/proprietors is unlimited, therefore the applicant should submit CA certified "Nil Liability Statement" or Statement of "Assets and Liabilities" of the individual partners/proprietors and the net liabilities based on these statements will be deducted while ascertaining the net worth.

(iii) The aforementioned net worth components need to be supported by relevant documents

(iv) Shares of unlisted companies will be considered at face value for net worth and shares of listed companies will be considered based on the average market price of the share for a period of 6 months prior to date of submission of proposal.

(v) Assets such as car, jewellery, antiques, gold etc. would not be considered for net worth.

(vi) Loans and advances given to group companies/related concerns/individuals will also not be considered towards computation of net worth.

(vii) The applicant(s) will have to give a self-certification regarding the details of the encumbrance of the property submitted by them towards the net worth.

(b) In-principle or final term loan sanction from the bank/financial institution. The date of sanction of term loan should not be earlier than the date of issue of EoI.

(c) Availing term loan from the Bank / Financial Institutions (FI) for an amount not less than

20% of the project cost, except in case of North East States. In case of North East States term loan amount shall not be less than 10%.

- (d) A detailed appraisal note from the bank/financial institution specific to the proposal. Detailed Project Report /Techno Economic Viability Report merely stamped or endorsed by the Bank/ FI without detailed appraisal note shall not be considered as valid appraisal note and such proposals will not be considered for financial assistance.
- (e) Infusion of equity of at least **20%** and **10%** of the total project cost respectively for projects in general areas and for projects in North East States, Himalayan States, Islands & ITDP Areas.
- (f) Same applicant/ organization shall not be entitled for more than two grants from the Ministry under any of its schemes in five years.
- (g) Applicants/ Promoters who have availed assistance under any other scheme of the Ministry and apply under this scheme, then in such cases the previous project (s) should have achieved completion and commenced commercial operation/ production and successfully completed at least one year before the date of advertisement of EoI of this scheme.
- (h) No second proposal from the existing promoter(s), who have availed grant-in-aid for any of the cold chain projects from the Ministry of Food Processing Industries, will be entertained.
- (i) Expansion /upgradation of the existing facility(ies) in the same premises will not be entertained.
- (j) The grant will be restricted only to the plant & machinery and technical civil work created after the date of issue of Expression of Interest [EoI].
- (k) The applicant will have to set up the component of Farm Level Infrastructure and any one or both of the components from (b) and (c) in para 4 above. Location of the Farm Level Infrastructure should be clearly indicated in the DPR as well as bank appraisal note.
- (l) Considering the functional nature of the facility, irradiation facility will be treated as a standalone project for the purpose of availing grant.
- (m) Date of commercial operation should not be prior to the date of issue of EoI.
- (n) Not more than one application from the same applicant / company will be entertained. An application will be considered as second proposal if there are cross holdings of the promoter(s)/partner(s) between two applicants/entities. Shareholding pattern in case of companies, partnership deed and details of partner's capital accounts in case of partnership firms shall be submitted. Further, the details of PAN numbers of promoter(s)/partner(s) for an applicant entity shall also be submitted.

- (o) All equipment/ plant & machinery of the project should be new. Reconditioned/refurbished equipment/ plant & machinery will not be eligible for grant.
- (p) In case of dairy proposals whether process is automatic or not should be clearly mentioned in the proposal. In case of automatic plant, details of automatic components envisaged should be given in DPR.
- (q) The processing components and capacity of reefer/insulated vans mentioned in the approval letter will not be allowed to be dropped at subsequent stage.
- (r) If applicant is not present during the Technical Committee (TC) meetings and Inter Ministerial Approval Committee (IMAC) Meetings, the proposal shall be deferred for consideration.

9. DOCUMENTS AND FEE REQUIRED:

9.1 Following documents are required to be uploaded on-line, duly signed by the lead promoter/ authorised signatory [When original documents are in regional language they should be accompanied by self-certified English/ Hindi translation]: -

- (a) Detailed Project Report (DPR) in the prescribed template as at **Appendix-I**.
- (b) CA/Statutory Auditor certificate in support of net-worth of the proposed project along with documentary proof.
- (c) Net-worth supporting documents as detailed in **para 8 (a)**
- (d) CA/Statutory Auditor certificate as per **Appendix-II** for the proposed project cost and means of finance.
- (e) The proposed component wise cost breakup of technical and other civil work by the Chartered Engineer (Civil) as per **Appendix-III**.
- (f) The proposed component wise cost breakup of P&M by the Chartered Engineer (Mechanical) as per **Appendix-IV**.
- (g) In-principle or Final term loan sanction from the Bank/ Financial Institution for availing term loan for an amount not less than 20% of the project cost, except in case of North East States. In case of North East States term loan amount shall not be less than 10%.
- (h) A detailed appraisal note, specific to the scheme, from the lending Bank / Financial Institution.
- (i) Certificate of incorporation/ registration of the applicant firm, Memorandum and Articles of Association in case of Company/ Bye laws of the Society, Co-operative, Self Help Group/ Registered partnership deed, etc.

- (j) Bio-data/background/ experience of the project promoter(s) in the field of food processing/ cold chain.
- (k) Annual reports and Audited Financial Statement of Accounts of the applicant firm/company/cooperative/ Partnership/ Self Help Group, etc. for last two years.
- (l) Self-attested English/ Hindi version of main facility land documents in support of land title in the name of the applicant or land lease, duly registered with the competent authority for not less than the period of 15 years.
- (m) Change in Land Use (CLU) permission for the project for the main facility land from the competent authority.
- (n) Certificate from lending Bank/ FI that the facility has not commenced commercial operations as on the date of issue of EOI.
- (o) An undertaking to be furnished by the applicant as per **Appendix-V**.
- (p) Proof of submission of requisite fee.
- (q) Quotations from the suppliers of Plant & Machinery and equipment, etc. for the project.
- (r) In case of irradiation facilities, the following documents are required to be furnished: -
 - (i) Letter from Bhabha Atomic Research Centre (BARC)/ Board of Radiation Isotope Technology (BRIT) that the technology is approved for intended process/products.
 - (ii) Technical agreement with BARC/ BRIT for installation & operationalization of plant.
- (s) Mandate form as per **Annexure-II** in respect of the applicant firm.
- (t) Self-attested copy of a PAN card of applicant firm.
- (u) **PFMS (CGA) Registration** – Controller General of Accounts (CGA) registration on pfms.nic.in of firm under agency type “private sector companies” and under the scheme name “Pradhan Mantri Kisan Sampada Yojana – Integrated Cold Chain and Value Addition Infrastructure (3608)”.
- (v) Certificate of SC/ST from the concerned Govt. Authority, if applicable.
- (w) In case of dairy proposals whether process is automatic or not and the details of automatic components envisaged, in the letter head of the firm.

9.2 Fee

The applicants are required to submit Demand Draft of ₹1,00,000 (Rupees One Lakh only) as refundable security deposit and ₹10,000 (Rupees Ten Thousand only) as non-refundable cost of EOI document in favour of “Pay and Accounts Officer, Ministry of Food Processing Industries, New Delhi”.

Note: ₹1,00,000 (Rupees One Lakh only) as refundable security deposit is not applicable in case of proposals from NER and SC/ST promoter (s).

10. Expression of Interest (EOI):

Applications under the scheme will be invited through EOI. Ministry of Food Processing Industries has introduced a system for online filing of applications on its website www.mofpi.nic.in. The homepage of the website provides a link “Apply Online and Track Status here”. After filing online application, applicant should take print out of the online application form and submit the same along with requisite fees.

11. Selection of Proposals for Financial Assistance:

11.1 All proposals received against EOI will be scrutinized by the Technical Committee (TC) to ascertain prima-facie eligibility and further appraisal/ evaluation of proposals found prima facie eligible. The recommendation(s) of the TC on each proposal (eligible or otherwise) will be placed before Inter-Ministerial Approval Committee (IMAC) for approval.

- (a) The proposals found prima facie eligible based on the basic eligibility criteria mentioned in para 8 above will be evaluated as per the assessment criteria at **Appendix-VI** of these guidelines.
- (b) A proposal would have to obtain a minimum of 60 marks in order to become eligible for consideration of grant-in-aid.
- (c) Subject to meeting the basic eligibility criteria, SC/ ST beneficiaries and the proposals from North East States will be given preference in sanction of the projects under the Scheme to the extent of earmarked fund allocation for each category.
- (d) In case of eligible proposals having equal marks preference will be given to the proposal envisaging higher project cost.

11.2 Technical Committee (TC):

The TC will have the following composition: -

- (a) Additional Secretary/ Joint Secretary, MOFPI, In-charge of the Cold Chain Scheme – Chairperson.
- (b) Managing Director, National Horticulture Board (NHB) or his nominee- Member
- (c) Economic Advisor, MoFPI-Member.

- (d) Joint Secretary, Department of Animal Husbandry, Dairying and Fisheries or his Nominee-Member.
- (e) Joint Secretary/Director (Finance), MoFPI-Member.
- (f) Chairman, Agricultural & Processed Food Products Export Development Authority (APEDA) or his Nominee-Member.
- (g) Chairman, Marine Products Exports Development Authority (MPEDA) or his Nominee-Member.
- (h) Representative from BARC/BRIT for irradiation projects - Member.
- (i) State Representative from the concerned State Food Processing Mission Directorate (NMFP)-Member.
- (j) Two technical experts [(a)-Domain Expert and (b) Finance Expert] to be nominated by Secretary, FPI- Members.
- (k) Deputy Secretary/ Director (Cold Chain), MoFPI-Member Secretary.

11.3 Inter-Ministerial Approval Committee (IMAC):

The IMAC will have following composition: -

- (a) Hon'ble Minister for Food Processing industries- Chairperson.
- (b) Secretary, MoFPI-Member.
- (c) Financial Adviser, MoFPI-Member.
- (d) Joint Secretary, In-charge Cold Chain Scheme, MoFPI– Convener& Member.
- (e) Principal Secretary, Industries/FPI of the concerned State-Member.
- (f) Joint Secretary, In-charge, MIDH, Ministry of Agriculture, Cooperation & Farmers Welfare-Member.
- (g) Representative of NABARD as Financial Expert-Member.
- (h) Joint Secretary, Department of Animal Husbandry, Dairying and Fisheries - Member.

12. Pattern of release of grant:

The grant-in-aid will be released in three installments of 25%, 40% and 35% as per following schedule: -

- (a) **1st installment of 25%** of the approved grant under the scheme will be released after ensuring that 25% of the promoter's contribution & 25% of the term loan have been spent on the eligible project cost and after site inspection conducted to ascertain the commensurate physical progress of the project. The promoter shall upload the documents for release of 1st Installment within 8 months (10 months in case of North East States, Himalayan States, ITDP Areas and Islands) from the date of issue of the approval letter.
- (b) **2nd installment of 40%** of the approved grant under the scheme will be released after ensuring the (i) utilization of first installment of grant released, (ii) 65% of promoter's contribution & 65% of term loan have been spent on the eligible project cost and (iii) after conduct of site inspection to ascertain commensurate physical progress of the

project. An amount of 65% of the eligible cost of plant & machinery of main facility [farm level infrastructure, distribution hub and/or processing facility] and 25% of the eligible cost of plant & machinery of other facility should be spent. The promoter shall upload the documents for release of 2nd Installment within 14 months (18 months in case of North East States, Himalayan States, ITDP Areas and Islands) from the date of issue of the approval letter.

- (c) **3rd and final installment of remaining 35%** of the approved grant under the scheme will be released after ensuring the (i) utilization of the second installment of grant released, (ii) 100% of promoter's contribution & 100% of term loan has been invested in the eligible project cost, (iii) the project has achieved completion and commercial operation has started and (iv) after joint inspection by a team consisting of the representatives of MoFPI, NHB or APEDA or MPEDA or BARC/BRIT or DADF, the Bank (which has sanctioned the Term Loan) & PMA to ascertain the completion of the project and start of commercial operation /production. The promoter shall upload the documents for release of 3rd Installment within 20 months (24 months in case of North East States, Himalayan States, ITDP Areas and Islands) from the date of issue of the approval letter.
- (d) The documents to be uploaded on <http://sampada-mofpi.gov.in> by the promoter for the release of 1st, 2nd and 3rd installment of the grant are at **Appendix-VII**.
- (e) As an incentive to those projects where criteria for release of 2nd and 3rd installments have been fulfilled by the promoter, both 2nd and 3rd installments can be released together as one installment. In such cases, the promoter shall upload all the required documents along with utilization certificate for the 1st installment- in a single application - for release of balance 75% of the approved grant. All the formalities and due diligence as stated above for release of 2nd and 3rd installments shall be carried out before releasing the grant.
- (f) All the transactions out of the grant-in-aid must be uploaded on EAT module of PFMS. The utilization of grant-in-aid will be monitored by the Ministry through EAT module of PFMS.

13. Implementation Schedule and Penalty:

- 13.1** The implementation schedule for the project would be 20 months in general areas and 24 months in North East States, Himalayan States, ITDP Areas and Islands from the date of issue of the approval letter for the financial assistance. No extension of time for implementation of the project will be given. In exceptional circumstances, for the reasons beyond the control of the promoter(s), the implementation period may be extended with the approval of the Inter Ministerial Approval Committee (IMAC).
- 13.2** In case of non-implementation of the project as per the approval letter, the Ministry would have the discretion to cancel the approval granted to the project and to recall the grant, if any, released, with interest @ 10% per annum.

- 13.3** In case of failure to operate the project for at least three years after commencement of commercial operation, the promoter shall return the entire grant-in-aid with interest @ 10% per annum.
- 13.4** In case of the failure of the promoter(s) to refund the grant-in-aid amount with interest, in the event of non-implementation of the project as approved and / or utilization of the grant for purposes other than on the approved components, the due amount shall be recovered as an arrear of land revenue as per the relevant law in force.
- 13.5** In case of any dispute arising out of interpretation of any of the terms and conditions as contained in the Scheme Guidelines and/or Approval Letter, the interpretation and decision there on of Ministry of Food Processing Industries shall be final and binding.
- 13.6** The Ministry may seek any clarification and/ or any document/ information at any stage of the project. The Ministry reserves the right to modify the Scheme Guidelines or any other terms and conditions as contained herein.
- 13.7** If at any point of time, it comes to the notice of the Ministry that the grant has been availed by manipulation/ concealment of information/ facts, the same shall be withdrawn immediately and the amount, if any, released shall be refunded along with interest at the rate of 10% per annum.
- 13.8** The assets created wholly or substantially out of the Government Grant shall not be disposed-off or encumbered or utilized for purposes other than those for which the grant has been sanctioned, without obtaining the prior approval of the Ministry. In case of non-compliance of this condition, the promoter(s) will be liable to refund the grant with interest @ 10% per annum. In case of the failure of the promoter(s) to refund the grant-in-aid amount with interest, the due amount shall be recovered as an arrear of land revenue as per the relevant law in force.
- 13.9** User charges/hiring rates of the facilities created under the project will be placed in the public domain by uploading the same on the website of the project/organization. A copy of the same will also be made available to the Ministry.
- 13.10** The promoter(s) of the completed projects will submit the following documents every year to the Ministry for next five years from the date of release of 3rd and final installment of the approved grant: -
- (a)** Audited Annual Financial Statement of the entity showing balance sheet, profit & loss account, schedule and notes to accounts of the cold chain project.
 - (b)** Percentage capacity utilization of the cold storage/ cold chain/ processing facilities.
- 13.11** The promoter shall make all possible efforts to complete the project as per the stipulated timelines mentioned in the approval letter. In case of non-adherence to stipulated timelines, except in case of *force de majeure* or reasons beyond the control of promoter,

the IMAC may consider imposing penalty in terms of reducing the grant amount, on case to case basis as per following:

- (a) Project is liable to be cancelled in case of non-adherence to the timelines of 30 days, 90 days and 1st instalment of grant due to the project unless extended by the IMAC.
- (b) The timeline for each installment as provided in para 12 (a, b & c) of the scheme guidelines and /or as approved by IMAC at the time of according approval shall be applicable for this purpose. Only '*force de majeure*' reason will be accepted as genuine reasons for delay in cases where promoter fails to adhere to the timeline and request the Ministry for relaxation of penal action.
- (c) In case of non-adherence to the timeline of a particular installment due to the project, a penalty amounting to 1% of the quantum of installment due for release will be imposed for each month's delay beyond the stipulated timeline. The maximum amount of penalty, however, shall not exceed 5% of the installment to be released.
- (d) The penalty will be imposed for such delay till the date of submission of the complete documents to the Ministry for release of installment of the grant.
- (e) The decision of the IMAC shall be final and binding on imposition of the penalty, quantum of the penalty and the period for which the penalty is to be imposed.
- (f) In case of any dispute arising out of interpretation of any of the terms and conditions as contained in the Scheme Guidelines and/or Approval Letter, the interpretation and decision thereon of the Ministry of Food Processing Industries shall be final and binding.

14. The Ministry shall have the final say regarding eligibility or otherwise of the proposals and selection of proposals for grant-in-aid.

15. Programme Management Agency (PMA): The Ministry will implement the scheme with the assistance of Programme Management Agency (PMA). The role and responsibilities of the PMA are defined at **Appendix-VIII**.

16. Ministry's decision final: The decision of the Ministry in all matters relating to eligibility, acceptance or rejection of the applications, mode of selection, grant approved and imposition of penalty will be final and binding on the applicants.

17. Court's Jurisdiction: Any dispute arising out of selection of proposals and implementation of approved project under this scheme guideline will be subject to Courts/ Tribunals having jurisdiction over Delhi.

[Refer Para 9.1 (a)]

Template of DPR

1. Name of the applicant/ company / firm with details of registration no. of company / firm along with names of the directors/promoters in the prescribed format:

S No.	Particulars	Details
i.	Name of Applicant	
ii.	Legal Status of Applicant (Govt. Institution / organisation, NGO, Co-operative/ Company/ partnership firm/ proprietorship, Farmer Producer Company, Self Help Group, etc.)	
iii.	Registration No. of Applicant/CIN	
iv.	PAN of Applicant	
v.	Whether located in North East States, Himalayan States, Islands & ITDP Areas	
vi.	Whether lead promoter belong to SC/ ST/ Women	

2. Contact details of the Promoter(s)/Partner(s) including addresses, telephone, mobile, fax, e-mail, website, PAN etc.

S No.	Name of Promoter(s)/Partner(s)	Address	Telephone No.	Mobile No.	E-mail Id	PAN No.	Any other details
Please add additional rows, if needed.							

3. Experience of the lead Promoter(s)/Partner(s)/ Applicant Entity in Food Processing, Cold Chain (Pl. enclose documentary evidence regarding experience and turnover)

S No.	Name of lead Promoter(s)/Partner(s)/ Applicant Entity	Details of Experience	Details of Turnover (year-wise)	Supporting Document attached, if any (Yes/No)

4. Project Details:

- a. Components under the scheme as applicable to the project:

S No.	Components	Numbers Proposed
i.	Distribution Hub	
ii.	Farm Level Infrastructure	
iii.	Reefer/ Insulated Vehicles	

iv.	Irradiation Facility	
v.	Processing Facility, if any, proposed to be setup	

b. Sector of Project (Fruits & Vegetables/Dairy/Marine/Poultry/Fishery/Ready to Eat/Ready to Cook/ Mixed etc.):

c. Type of Operating Model (Rental, Rental+ Captive, Captive Use etc.)
.....

5. Land Details.

(i) Proposed Locations of Land for all project facilities and status of their acquisition along with longitude & latitude coordinates

Location of Land	Facility (Distribution Hub/ Farm Level Infrastructure)	Area (Sqm)	Status of possession (Owned/ leased**) (Document Submitted Yes/No)	In case of lease (Period of lease in years **) (Documents Submitted Yes/No)	Status of Land Use Conversion (CLU) (Document Submitted Yes/No)	Connectivity Details. Distance (in kms) from: a. National Highway b. State Highway c. Freight corridor d. Golden Quadrilateral	Distance from Catchment Area (kms)	Coordinate Details (Longitude & Latitude)	Ref Pg no. in DPR*
Land 1	Distribution hub								
Land 2	Farm Level Infrastructure (FLI)						FLI should be in the catchment area.		
Please add additional rows in case of multiple locations									

*DPR should have a detailed chapter on proposed land, raw material production and supply statics for the catchment area.

** In case of leased land, period of lease should be not less than 15 years.

6. Proposed facilities

S. No.	Type of facilities proposed to be created	No. of Units	Total Capacity [MT, Ltrs, MT/Hr., where ever applicable]	Location		No. of Days of operation of each facility in a year
				Distribution Hub	FLI	
i.	CA Store					

ii.	Normal cold store				
iii.	Frozen store				
iv.	Pre-cooling Chambers				
v.	Sorting, Grading, Waxing, Weighing, Packing facility [Modify as per actual]				
vi.	Ripening Chambers				
vii.	IQF				
viii.	Blast Freezing				
ix.	Milk Processing Facilities				
x.	Milk Chilling Centres				
xi.	Bulk Milk Coolers (BMCs)				
xii.	Refrigerated Vehicles/ Reefer vans				
xiii.	Mobile Pre-coolers				
xiv.	Insulated Milk Tankers/ vans				
xv.	Insulated Distribution Vehicle				
xvi.	Irradiation Facility				
xvii.	Refrigerated Container				
xviii.	Refrigerated Carts				
xix.	Solar Powered Carts				
xx.	Refrigerated Cabinets				
	Add other components not listed above				

7. In case of dairy proposals, details of automatic facilities envisaged.

8. Proposed Project Financials

a. Estimated Project cost details

Item	Amount (₹ in lakh)
Site Development	
Technical Civil Work (TCW)*	
Other Civil Works	
Plant & Machinery (P&M)**	
Common Utilities like Water/ETP/ STP, etc.***	
Pre-operative Expenses	

Interest During Construction	
Margin Money for Working Capital	
Contingencies	
Add other items not listed above	
Total Project Cost	

*** The component wise cost breakup of technical and other civil work should be provided in the Chartered Engineer (Civil) certificate in the prescribed format as enclosed as Appendix-III**

**** The component wise cost breakup of P&M should be provided in the Chartered Engineer (Mechanical) certificate in the prescribed format as enclosed as Appendix-IV**

*****The cost of common utilities may be provided in Chartered Engineer (civil) and Chartered Engineer (Mechanical) certificate where ever applicable.**

b. Means of finance

Item	Amount (₹ in lakh)
Promoter's Equity	
Term loan	
Eligible grant	
Unsecured loan	
Total	

c. Basic Revenue Projections

Item	Year 1	Year 2	Year 3	Year 4	Year 5
Turnover					
Cost of Operations					
Gross Profit					
Earnings Before Interest, Tax, Depreciation and Amortization (EBITDA)					
Profit before					

taxation					
Profit after taxation					

d. Financial Parameters (as per Bank Appraisal Note)

S No.	Particulars	Details (Ratio/%)	Ref Page No. in DPR*
i.	Internal Rate of Return (IRR) [(a) With and (b) without grant]		
ii.	Avg. Debt Service Coverage Ratio (DSCR)		
iii.	Break Even Point (BEP)		
iv.	Debt-Equity Ratio		

*To be provided for section under the bank appraisal note highlighting the aforementioned detail.

- 9.** Availability of Raw Material in the Catchment Area - provide details such as Adequate Volume, Wider Mix of Raw Materials, Days of Operation in a Year along with supporting data.

10. Details of the catchment area of the project.

S.No.	Location of the Catchment (Primary/secondary)	Name Village/Dist./APMC	Commodities to be sourced	Quantities to be sourced [MT/KLD- in case of milk] (per annum)	Ref. Pg. no. in DPR*

*DPR should comprise of detailed chapter on proposed catchment (production and supply statistics).

10. Employment Generation projections

- Direct Employment:
- Contractual Employment with no. of days:
- Indirect Employment (specify):

- 11.** Details of renewable/ alternate energy sources including solar energy, if any, proposed to be used for operating the project including inter alia, details of power generation.

- 12.** Details of adoption of modern technology for reducing the carbon footprints and increasing operational efficiency: -

Sl. No.	Name of technology/ item	Basic cost (excluding taxes etc.)	How the technology will help in reducing carbon footprint and/or increase in operational efficiency

13. List of Manufacturers/ Suppliers of P&M (enclose quotations)

Date: _____

Signature of the Applicant/Lead Promoter

Place: _____

**CA Certificate Format
(Letter Head of the CA)
[Refer Para 9.1 (d)]**

CA certificate (With membership No. and firm registration No. of CA) in the following format: -

Date:

i. Project Cost:

Sl. No.	Name of the Component/Item	Amount (₹ in lakh)
1.	Land/development charges	
2.	Civil works — Technical civil works — Other civil works	
3.	Plant & Machinery	
4.	Misc. Fixed Assets	
5.	Others	
	TOTAL	

ii. Means of Finance:

Sl. No.	Item	Amount (₹ in lakh)
1	Promoter's Equity	
2	Term Loan	
3	Grant from MFPI	
4	Unsecured loan*	
5	Others	

*Details of unsecured loans along with PAN No. of lenders, if any, duly certified by CA.

Signature and Seal of C.A (Statutory Auditor in case of company)

Counter signature of promoter/ authorized signatory of company with Seal

**CE Certificate (Civil) Format for Technical Civil Work:
(Letter Head of the CE)
[Refer Para 9.1 (e)]**

CE certificate (With membership/registration No. of CE) in the following format:

Date:

Name of Project:

Location with address:

Date of site Visit by Chartered Engineer:

Project Progress: (If project has multiple locations, the location wise details should be submitted in below format for each location)

Sl. No.	Name of Component	Proposed Area (sq.m)	Proposed Cost (₹ in lakh)	Rate/ Unit(₹/Sq.m)
	Total			

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of company with Seal

**CE Certificate (Mechanical) Format for Plant & Machinery:
(Letter Head of the CE)
[Refer Para 9.1 (f)]**

CE Certificate (With membership/registration No. of CE) in the following format:-

Date:

Name of project:

Location with address:

Date of Visit by Chartered Engineer:

Project Progress (If project has multiple locations, the location wise details should be submitted in below format for each location)

Sl. No.	Name of Component	Proposed Quantity	Proposed Cost (₹ in lakh)		Supplier/ Manufacturer (Supported by quotations)
			Basic Cost	Taxes, Freight, installation, insurance	
	Component -1				
	Component -2				
	Component -3				
	TOTAL				

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of company with Seal

UNDERTAKING
[Refer Para 9.1 (o)]

I (Name of the Lead Promoter/ Lead Partner/ Proprietor etc.) son of Mr..... (father's name) resident of (residential address) do hereby solemnly affirm and declare/undertake as under:

1. That I am promoter/ director/ partner/ proprietor of M/s..... (name of applicant) having its Registration no.and Registered Office at (office address of applicant).
2. I hereby make application and I am duly authorized in my own right/by management vide its resolution no.dated.....to apply and sign all required documents including this undertaking on behalf of company/partnership firm/cooperative society etc. named as; and am fully aware of the facts relating to the setting up of integrated cold chain project at Survey/ Plot No....., Village.....,Tehsil.....,District.....,State....., PIN code (location of the main facility) for.....(activities to be undertaken by project) and application is being made to the Ministry of Food Processing Industries (MoFPI) under the Central Sector Scheme for Integrated Cold Chain and Value Addition Infrastructure.
3. That the term and conditions of the above scheme of the MoFPI under which an application is made by the applicant have been properly read and understood by me and I affirm that the project/ proposal comply with all the terms and conditions of the approval letter and provisions enshrined in the scheme guidelines.
4. That the proposed activities to be undertaken by the project/proposal are covered under the above scheme of MoFPI and no part of the scheme/infrastructure of the project is designed or assigned to be used for any activity other than the activities specified in the application at present or in the near future.
5. It is certified that (name of applicant) has not obtained or applied for grants for the same project, component, purpose or activity from any other Ministry or Department of the Government of India or State Government or their agencies.
6. It is certified that applicant's sister concern (s)/ related company / group company/firms as well as the applicant itself has not availed any financial assistance for a food processing project in the past from MFPI [if availed, the details shall be furnished separately].
7. I also solemnly affirm/undertake that the proposed project components in the application are a completely new activity and not a pre-existing activity or any component thereof.
8. In case of concealment of any facts in this regard, the MoFPI would have right to reject/ cancel my application/project out right at any stage.

9. I will meet any shortfall in means of finance due to less admissibility of grant or any future reduction in grant-in-aid or any escalation caused in the cost of the project.
10. I shall not dispose-off or encumber or utilize the assets created wholly or substantially out of government grant for purpose other than those for which they have been sanctioned, without obtaining the prior approval of the sanctioning authority of grant-in-aid.
11. In case of non-implementation/ delayed implementation of the project the Ministry will have absolute right in cancelling the approval granted and also recall the grant released, if any, along with interest as per the scheme guidelines.
12. In case of failure to operate the project for at least three years after commencement of commercial operation, I shall return the entire grant-in-aid with interest @ 10% per annum.
13. User charges/hiring rates of the facilities created under the project will be disseminated to the public including uploading of the same on the website of the project/ organization. A copy of the same will also be made available to the Ministry.
14. I also undertake that all the information furnished in the application and the DPR with respect to the eligibility conditions, etc. are true and correct to the best of my knowledge and belief and nothing material has been concealed therefrom.

Date: _____
Place: _____

Signature of the Applicant/Lead Promoter

[Refer Para 11.1 (a)]

S. No.	Criteria for Evaluation of Integrated Cold Chain Proposals [A proposal would have to obtain a minimum of 60 marks in order to become eligible for consideration of grant-in-aid.]	Max Marks
1	Adequate Volume and Wider Mix of Raw Materials (Suitability of Location, Project Site and Status of Possession of Land)	20
	i. Availability of raw materials a. Raw material availability backed by latest data (not later than 3 years old) published by Central/ State Government: 5 marks b. Raw material availability data not published but duly authenticated by concerned block/district/ state authority: 3 marks c. If no raw material data has been submitted by the applicant: 0 mark Note: Source of raw material availability should be clearly mentioned in the DPR	5
	ii. Suitability of project location(s) for proposed operations and their connectivity through road, railways etc. If land is in close proximity to state/national highway/freight corridors/golden quadrilateral/ sea port marks may be awarded, as follows: a. Within 2 Kms: 5 marks b. 2 to 5 Kms: 3 marks c. More than 5 to 10 Kms: 2 marks d. Above 10 Kms : 0	5
	iii. Status of project land a. Main facility land in possession of the Applicant with approval for industrial use: 10 marks b. Main facility land in possession of the Applicant without approval for industrial use: 5 marks	10
2	Experience in Cold Chain/ Food Processing: a. Already in cold chain <u>and</u> food processing business having annual turnover of ₹5 crore and above during previous year:10 marks b. If in cold chain <u>or</u> food processing business having annual turnover of ₹5 crore and above during previous year:7 marks c. If in cold chain <u>or</u> food processing business having annual turnover of less than ₹5 crore during the previous year:4 marks	10
3	Economic Viability of the proposal	10
	Economic Viability of Project Based on Bank Appraisal (Key financial parameters viz. IRR, DSCR, RoI) (The average of score for IRR and DSCR would be considered. IRR and DSCR will be taken from bank appraisal note. In case, IRR and/ or DSCR are not given in the bank appraisal note then the same will be taken from the DPR.) <u>Max marks shall be given for IRR [without grant] = 5 marks</u> a. 5 marks shall be given if IRR >20% b. 3 marks shall be given if IRR is between 15%-20% c. 1 mark shall be given if IRR is between 10%-15% d. Nil marks shall be given if IRR is less than 10% <u>Max marks shall be given for DSCR = 5 marks</u> a. 5 marks shall be given if DSCR > 2.5 b. 3 marks shall be given if DSCR is between 2.0 and 2.5	

	c. 1 mark shall be given if DSCR is between 1.5 and 2.0 d. Nil marks shall be given if DSCR <1.5)	
4	Project proposed to be set up in Districts having no projects sanctioned by the MoFPI in any of its scheme.	5
5	The project proposed to be set up in States providing concessions/ benefits on the following: (i) power tariff subsidy (1 mark) (ii) Exemption form stamp duty on land (1 mark) (iii) Capital subsidy (1 mark) (iv) Interest subvention on loan (1 mark) (v) Reimbursement of SGST (1 mark) [Supporting document to be submitted]	5
6	Proposed investment in Cold Chain Components	15
	a. Proposals creating farm level infrastructure, distribution hub and processing at different locations along with reefer/ insulated vans.	15
	b. Proposals creating farm level infrastructure and distribution hub but have combined the processing facility either at farm level infrastructure or distribution hub along with reefer/ insulated vans.	10
	c. Proposals creating farm level infrastructure with or without processing along with reefer/ insulated vans.	5
	d. Proposals for setting up irradiation unit.	10
7	Project proposing value addition/processing facilities such as IQF, vacuum freeze drying, spiral/tunnel/blast freezers, etc. for manufacturing of chilled/frozen value added products including value added fruits &vegetables/ meat/ fisheries/ RTE/ frozen products, etc.	10
8	Proposals with investment in reefer transport with capacity not less than 70 MT	5
9	Proposed Investment in Farm Level Infrastructure [Excluding Cost of Project Land] a. Upto 30% of Project Cost: 5 marks b. More than 30% to 50%: 7 marks c. More than 50% : 10 marks	10
10	Leveraging of Investment in the Project	10
	For General Areas	
	a. Proposed equity investment excluding land < 2 times of grant sought: 5 marks	
	b. Proposed equity investment excluding land >= 2 times of grant sought: 10 marks	
	For Difficult Areas	
	a. Proposed equity investment excluding land < grant sought: 5 marks	
	b. Proposed equity investment excluding land >= grant sought: 10 marks	
	Total	100

Terms and conditions for release of grant-in-aid to the project**[Refer Para 12 (d)]**

1. The promoter shall upload and submit the following documents **within 30 days** of receipt of the approval letter:

(a) Acceptance Letter as per **Annexure-I**.

(b) The promoter needs to create three separate bank account(s) consisting of two separate current accounts with respect to the promoter contribution and grant-in-aid, and a term loan account. Details of bank accounts to be provided as below: -

Sl. No.	Current Accounts	Account No.	IFS Code	Name and Branch of Bank
1	Promoter contribution			
2	Term Loan			
3	Grant-in-aid			

(c) Details of the bank account pertaining to grant-in-aid are to be provided in the ECS mandate form as provided in **Annexure-II**.

(d) Counter signed copy of Approval Letter.

(e) Undertaking [as per **Appendix-V** duly signed by Lead Promoter/ Authorised Signatory (as the case may be)].

2. The promoter shall upload the following documents **within 90 days from the date of issue of approval letter**:

(a) **The Self-attested English/Hindi version of main facility [farm level infrastructure and/or distribution hub] land documents**, in support of land title in the name of the applicant or land lease, duly registered with the competent authority for not less than the period of 15 years.

(b) **Change in land use (CLU)** permission for the main facility **[farm level infrastructure and/or distribution hub]** land from the competent authority, wherever applicable.

(c) Final term loan sanction letter from Bank/FI.

(d) Latitudes and Longitudes Co-ordinates of the main project facility (Farm Level Infrastructure/ Processing Centre/ Distribution Hub, as the case may be).

- (e) Revised means of finance, factoring in the approved grant-in-aid, duly certified by the Bank/Financial Institution. (In cases where approved grant-in-aid is less than the grant-in-aid sought as per Bank Appraisal/ DPR submitted with the proposal.)
- (f) Revised implementation schedule, if any, of the project, detailing the specific dates/year for the completion of each stage of the implementation of the project duly certified by the concerned lending bank and countersigned by the promoter(s).
- (g) The promoter is required to upload the claim for release of 1st, 2nd and 3rd instalment of grant-in-aid (as the case may be) online on the aforementioned portal as per the enclosed Check List, duly ink signed and stamped by the authorised signatory.
- (h) Valid Consent to Establish from the Central/ State Pollution Control Board.
- (i) Approved building plan from the relevant Competent Authority of the Main Facility and/or the Farm Level Infrastructure, as applicable.

3. Release of Grant-in-aid

- (a) The promoter shall upload the following documents for 1st Installment within 8 months (10 months in case of North East States, Himalayan States, ITDP Areas & Islands) from the date of issue of the approval letter: -
 - (i) **Surety Bond as per Annexure-III** – To be executed by the beneficiary/applicant on a Non-Judicial stamp paper of not less than Rs.100, duly notarized and signed by two independent witnesses (other than promoters) along with Board resolution/certificate from Board of Directors/promoters (as applicable) authorizing one of the directors/partners as authorized signatory of documents. [Original hard copy of surety bond to be submitted to the Ministry].
 - (ii) Certificate from CA certifying that the expenditure for plant & machinery and technical civil work in the project has been incurred after the date of issue of Expression of Interest [EoI].
 - (iii) **CA certificate-** Latest certificate of actual expenditure along with means of finance in the prescribed format duly certified by Chartered Accountant (CA) and countersigned by the promoter, which should establish that at least 25% of the promoter's contribution and at least 25% of the term loan has been utilized on the eligible project cost as per **Annexure-IV**. Details of unsecured loan (along with PAN numbers of lenders), if any, duly certified by Chartered Accountant and countersigned by the promoter are to be given as per **Annexure-IV**.

- (iv) **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-V**.
 - (v) **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-VI**.
 - (vi) **Certificate** from the concerned bank/ financial institution which has sanctioned term loan for the project, as per **Annexure-VII**, certifying that:-
 - a. It has disbursed 25% of the term loan of the total sanctioned term loan; and
 - b. Has no objection for disbursement of 25% of the grant-in-aid being released by the Ministry.

Bank Statement(s) –Certified bank statements of all accounts from where payments are received and made till date of expenditure of 25% of promoter’s contribution and 25% of term loan on the eligible project cost as per implementation schedule and highlighting payments (including advance payments) made to suppliers/vendors/contractors.
 - (vii) **Self-attested English/Hindi version for at least 65% of the number of collection centres/ farm-level infrastructure**, in support of land title in the name of the applicant or land lease, duly registered with the competent authority for not less than the period of 15 years. In case of facilities such as BMCs, chilling centres where TCW is not envisaged, the registered lease deed and CLU may not be required. However, copies of land documents / rent agreements for not less than the period of 15 years, as applicable, will be required.
 - (viii) **Change in land use (CLU)** permission for the 65% Collection Centres/ farm-level infrastructure land from the competent authority, wherever applicable.
 - (ix) **PFMS (CGA) Registration** – Registration of firm on pfms.nic.in under the scheme name “Pradhan Mantri Kisan Sampada Yojana – Integrated Cold Chain and Value Addition Infrastructure (3608)”.
 - (x) Any other condition which may be specified from time-to-time.
- (b) The promoter shall upload the following documents for 2nd Installment of grant within 14 months (18 months in case of North East States, Himalayan States, ITDP Areas and Islands) from the date of issue of approval letter: -

- (i) **CA certificate-** Latest certificate of actual expenditure on the project along with means of finance in the prescribed format duly certified by Chartered Accountant (CA) and countersigned by the promoter, which should ensure that at least 65% of the promoter's contribution and at least 65% of the term loan along with grant-in-aid released has been utilized on the eligible project cost as per **Annexure-IV**. An amount of 65% of the eligible cost of plant & machinery of main facility [farm level infrastructure, distribution hub and/or processing facility] and 25% of the eligible cost of plant & machinery of other facility should be spent.
Details of unsecured loan (along with PAN numbers of lenders), if any, duly certified by Chartered Accountant and countersigned by the promoter are to be given as per **Annexure-IV**.
- (ii) **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-V**.
- (iii) **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-VI**.
- (iv) **Certificate** from the concerned **bank/ financial institution** which has sanctioned term loan for the project, as per **Annexure-VII**, certifying that: -
 - a. It has disbursed 65% of the term loan of the total sanctioned term loan and has also released 1st installment of grant-in-aid; and
 - b. Has no objection for disbursement of 40% of the grant-in-aid being released by the Ministry.
 Bank Statement(s) –Certified bank statements of all accounts from where payments are received and made till date of expenditure of 65% of promoter's contribution and 65% of term loan on the eligible project cost as per implementation schedule and highlighting payments (including advance payments) made to suppliers/vendors/contractors.
- (v) **Utilization Certificate** of the 1st Installment of the grant as per **Annexure-VIII**– In the format provided in GFR 19-A duly certified by the promoter and counter signed by Chartered Accountant.
- (vi) Utilization/Expenditure of 1st installment of grant released in Excel sheet uploaded in EAT MIS Process.
- (vii) Screen shot of Utilization Certificate of 1st installment generated through EAT Module of PFMS.
- (viii) Valid Consent to Establish or Operate, as the case may be, from the Central/

State Pollution Control Board.

- (ix) **Self-attested English/Hindi version for remaining collection centres/ farm-level infrastructure**, in support of land title in the name of the applicant or land lease, duly registered with the competent authority in favour of the applicant for not less than the period of 15 years. In case of facilities such as BMCs, chilling centres where TCW is not envisaged, for the remaining BMCs, chilling centres the copies of land documents / rent agreements for not less than the period of 15 years, as applicable, will be required.
 - (x) **Change in land use (CLU)** permission for remaining Collection Centres/ farm-level infrastructure land from the competent authority, wherever applicable.
 - (xi) Any other condition which may be specified from time-to-time.
- (c) The promoter shall upload the following documents for 3rd and final Installment within 20 months (24 months in case of North East States, Himalayan States, ITDP Areas & Islands) from the date of issue of the approval letter: -
- (i) **CA certificate-** Latest certificate of actual expenditure on the project along with means of finance in the prescribed format duly certified by Chartered Accountant (CA) and countersigned by the promoter, which should establish that 100% of the promoter's contribution, 100% of the term loan and 2nd Installment of Grant-in-aid has been utilized in the project as per **Annexure-IV**.
Details of unsecured loan (along with PAN numbers of lenders), if any, duly certified by Chartered Accountant and countersigned by the promoter to be given as per **Annexure-IV**.
 - (ii) **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-V**.
 - (iii) **Certificate from Chartered Engineer (Mechanical)** for Plant and Machinery indicating item wise progress, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the promoter as per **Annexure-VI**.
 - (iv) **Certificate** from the concerned bank/ financial institution which has sanctioned term loan for the project, as per **Annexure-VII**, certifying that:-
 - a. It has disbursed 100% of the term loan of the total sanctioned term loan and has also released 2nd installment of grant-in-aid; and
 - b. Has no objection for disbursement of 35% of the grant-in-aid being released by the Ministry.

Bank Statement(s) –Certified bank statements of all accounts from where payments are received and made till date of completion of 100% of the project cost as per implementation schedule and highlighting payments (including advance payments) made to suppliers/vendors/contractors.

- (v) **Utilization Certificate** of the 2nd Installment of the grant as per **Annexure-VIII**– In the format provided in GFR 19-A duly certified by the promoter and counter signed by Chartered Accountant.
- (vi) Utilization/Expenditure of 2nd installment of grant released in Excel sheet uploaded in EAT MIS Process.
- (vii) Screen shot of Utilization Certificate of 2nd installment generated through EAT Module of PFMS.
- (viii) Valid Consent to Operate from the Central/ State Pollution Control Board.
- (ix) Declaration of completion of the project and start of commercial operation, duly certified by the Bank.
- (x) Display of information prominently on the front of the project building/ vehicles stating that the **“Project is assisted by the Ministry of Food Processing Industries, Government of India”**.
- (xi) Statutory Clearance(s) / Approval(s) for power & water connections.
- (xii) License under Food Safety and Standards Act, 2006.
- (xiii) Registration/ license with Warehousing Development & Regulatory Authority (WDRA), if applicable.
- (xiv) Registration certificate of reefer vans and insulated vehicles.
- (xv) Any other condition which may be specified from time-to-time.

ROLE AND RESPONSIBILITIES OF PROGRAMME MANAGEMENT AGENCY(PMA)

[Refer Para 15]

- (i) Scrutiny of the Proposals received against the EOI/advertisement and assists the Ministry in selection of eligible proposals.
- (ii) Appraisal of the DPR/projects indicating financial viability, commercial sustainability and socio-economic impact and presentation of the appraisal to the Ministry for approval.
- (iii) Assist the Ministry in issue of approval letters to the selected projects.
- (iv) Assist/advise the Ministry in release of the grant to the approved projects. Scrutiny of the proposals for release of grant as per the scheme guidelines. Undertake site inspections to assess the actual physical progress and verify the claims/documents submitted by the applicant for release of grant and make recommendations to the Ministry. In addition to carrying out mandatory site inspections before release of 1st, 2nd and 3rd installment of grant, the PMA will also carry out additional site inspections as and when requested by the Ministry to ascertain the status of implementation of a particular project.
- (v) Monitoring and reporting the progress of the cold chain projects to the Ministry periodically on the basis of defined milestones or as directed by the Ministry.
- (vi) Updating the data regularly in the online dashboard monitoring system for monitoring the progress of the assisted cold chain projects. The portal will have to be kept updated at all times.
- (vii) Development and implementation of suitable Operation & Management (O&M) plan for the assisted projects.
- (viii) Assist MFPI in bench marking the cold chain/irradiation technology and developing technical standards/ protocols, and cost norms for setting up of cold chains/ irradiation infrastructure.
- (ix) Provide suitable technical inputs on any aspect of the cold chain and related matter as and when required by the Ministry.
- (x) Assist in formulating, analysis and evaluation of the scheme guidelines.
- (xi) Assist the Ministry in getting the cold chain projects accredited to WDRA or any other regulatory agency.
- (xii) Provide inputs for preparing reports, templates, forms and check lists related to the effective implementation of the scheme.
- (xiii) Provide inputs for preparation of the agenda notes and minutes of the Technical Committee and Inter-Ministerial Approval Committee for the cold chain scheme.
- (xiv) Assist the Ministry in analysis of nation wise, state wise and cluster wise requirements of the cold chain/cold storage facilities.
- (xv) Checking the authenticity of the documents submitted by the applicants.
- (xvi) Any other duty and responsibility assigned by the Ministry from time to time.

[ACCEPTANCE LETTER]

(To be submitted on the letter Head of the Company/firm within 30 days of issue of approval letter)

To

Under Secretary
Cold Chain Division
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi 110049
E-mail: coldchain.mofpi@gov.in

Subject : Proposal of M/s _____ for grant-in-aid for setting up of Integrated Cold Chain projects under the Scheme of Integrated Cold Chain and Value Addition Infrastructure at _____ (complete address of main location) -reg.

Sir,

With reference to the approval letter No. _____ dated _____ of the Ministry of Food Processing Industries, Government of India on the captioned subject I, _____ (Promoter Director/proprietor/Partner) of M/s _____ have carefully gone through the provisions of Scheme Guidelines dated 18.01.2019 for Integrated Cold Chain and Value Addition Infrastructure, the Undertaking furnished by me in **Appendix-V** of Scheme Guidelines along with the proposal and the terms and conditions mentioned in the aforementioned approval letter and hereby undertake to abide by the same.

2. I hereby also confirm the components/capacities as detailed in the Para 1 of the aforementioned Approval letter that would be created at the Farm Level Infrastructure/Distribution Hub/ Reefer Transport/ Insulated Transport/Mobile Pre-Cooler (Nos. and capacities). If the capacities/components mentioned in the approval letter differ with those mentioned in the proposal submitted to the Ministry against EOI dated _____, please specify along with justifications.

**Promoter Director/Proprietor/Partner
(Name & Signature)**

Note: This acceptance is to be signed only by the lead promoter and not by the authorized signatory.

Mandate Form
[Refer Para 9.1 (s) & Appendix-VII, Para 1. (c)]

**ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) /REAL TIME GROSS
SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS**

DETAILS OF ACCOUNT HOLDER:

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/FAX/EMAIL	

BANK ACCOUNT DETAILS: -

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS TELEPHONE NUMBER AND EMAIL	
BRANCH'S IFSC CODE	
BANK ACCOUNT	Grant-in-Aid
COMPLETE BANK ACCOUNT NUMBER (LATEST)	
MICR CODE OF BANK	

DATE OF EFFECT: -

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the Ministry of Food Processing Industries responsible.

Date**Signature of Customer**

Certified that the particulars furnished above are correct as per our records.

(Signature and Seal of Bank)

**[Refer Appendix-VII, Para (3) Sub Para (a) i]
SURETY BOND**

KNOW ALL MEN BY THESE PRESENTS that we, M/s _____, a _____ (Type of organization) incorporated / registered under the _____ (Name of the Act) and having its registered office at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of ₹ _____ (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand _____

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing Industries' Sanction Order No. _____ Dated _____ (hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and copy whereof is annexed hereto and marked as Annexure-I, agreed to make in favour of the Obligors grants-in-aids of ₹ _____ (Rupees _____ Only) for the purpose of _____, (description of the project) at _____, out of which the sum of ₹ _____ (Rupees _____ only) have been paid to the Obligors (the receipt of which the obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms and conditions of the grants-in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aid and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the grants-in-aid with interest of 10% per annum thereon, if a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged up to the date of its refund to the Government, unless it is agreed to be carried over.

The obligors agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive/ have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created/ acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing

Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligers.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____ Dated _____ passed by the governing body of the Obligers, a copy of whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the president on the date appearing below:-

Signature of AUTHORIZED SIGNATORY

SIGNED FOR AND ON BEHALF OF

(Name of the obliger in block letters)

(seal/ stamp) of Organization)

1. Signature of witness

2. Signature of witness

Name & Address

Name & Address

TO BE FILLED UP BY

THE MINISTRY OF FOOD PROCESSING INDUSTRIES (ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Dated: _____

Notary Seal &
Signature

**[Refer Appendix-VII, Para (3) Sub Para (a) iii, Sub Para (b) i & Sub Para (c) i]
CA Certificate Format
(Letter Head of the CA)**

Date:

CA certificate (With membership No. and firm registration No. of CA) in the following format:-

The certification is based on the verification of books of accounts, bills, invoices, work orders, bank statements, etc. related to the _____ (name of the project).

i. Project Cost: (₹ in lakh)

Sl. No.	Name of the Component/Item	Cost approved by the Ministry	Actual expenditure incurred as on -----		
			Basic	Taxes etc.	Total
1.	Land/development charges				
2.	Civil works — Technical civil works — Other civil works				
3.	Plant & Machinery				
4.	Misc. Fixed Assets				
5.	Others				
	TOTAL				

ii. Means of Finance: (₹ in lakh)

Sl. No.	Item	Means of finance approved by the Ministry	Actual expenditure incurred as on -----
1	Promoter's Equity		
2	Term Loan		
3	Grant from MFPI		
4	Unsecured loan*		
5	Others		

*Details of unsecured loans along with PAN No. of lenders, if any, duly certified by CA.

*Details of advance payment should be provided separately in Annexure

Signature and Seal of C.A (Statutory Auditor in case of company)

Counter signature of promoter/ authorized signatory of company with Seal

Annexure to CA certificate certifying details of payments made for Plant & Machinery and Technical Civil Work

Sl. No.	Name of Party	Components	Voucher /Bill no.	Date of Voucher/Bill	Basic Cost	Taxes, freight, installations, insurance costs	Total Cost	Date of Payment as per bank statement	Mode of Payment	Amount paid as per bank statement

[Refer Appendix-VII, Para (3) Sub Para (a) iv, Sub Para (b) ii & Sub Para (c) ii]

**CE Certificate (Civil) Format for Technical Civil Work:
(Letter Head of the CE)**

CE certificate (With membership/registration No. of CE) in the following format:

Date:

Name of Project:

Location with address:

I, ____ (name of CE), visited the site on _____ (Date of site Visit) and verified the actual area and volume of work. Based on actual progress on the site and invoices for respective components, I certify that the civil work cost of the project components is in line with the prevailing unit rates of the civil cost depending on various specifications and requirements.

Project Progress: (If project has multiple locations, the location wise details should be submitted in below format for each location)

The total expenditure incurred on the project towards civil work is economical and its summary is enclosed hereby.

Sl. No.	Name of Component	Proposed/ appraised Area (sqm)	Proposed/ appraised Cost (₹ in lakh)	Actual Area(sqm)	Actual Cost (₹ in lakh)		Rate/ Unit (₹/Sqm)	Remarks about the status of implementation	Comments on quality, construction standards, market rates
					Basic Cost	Taxes, Freight, installation , insurance			
	Total								

It is certified that the material/ components used in the Technical Civil Work are new.

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of company with Seal

[Refer Appendix-VII, Para (3) Sub Para (a) v, Sub Para (b) iii & Sub Para (c) iii]

**CE Certificate (Mechanical) Format for Plant & Machinery:
(Letter Head of the CE)**

CE Certificate (With membership/registration No. of CE) in the following format:-

Date:

Name of Project:

Location with address:

I, ____ (name of CE), visited the site on _____ (Date of site Visit) and verified the cost of various plant & machinery available at the project site and invoices for respective components as well. Based on this I certify that the plant & machinery brought to the site are new and are in line with prevailing cost in the industry.

Project Progress: (If project has multiple locations, the location wise details should be submitted in below format for each location)

The total expenditure incurred on the project towards plant & machinery is economical and its summary is enclosed hereby.

Sl. No.	Name of Component	Proposed/ appraised Quantity	Proposed/ appraised Cost (₹ in lakh)	Actual Quantity	Actual Cost (₹ in lakh)		Supplier/ Manufacturer	Status of implementation	Comments on quality, specifications, etc.
					Basic Cost	Taxes, Freight, installation, insurance			
	Component -1							Such as: •Ordered •Received at site •Installation in progress •Installed •Commissioned	
	Component -2								
	TOTAL								

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of company with Seal

[Refer Appendix-VII, Para (3) Sub Para (a) vi, Sub Para (b) iv & Sub Para (c) iv]

(Letter Head of the Bank)

Certificate

Date:

1. Certified that this bank has appraised the project of M/s..... (Name and Address of the project) for grant as per scheme guidelines of the Ministry of Food Processing Industries and also sanctioned term Loan of ₹ lakh.
2. It is further certified that we have released ₹ lakh (---% of sanctioned term loan) and ₹..... lakh (1st/ 2nd Installment of grant-in-aid) to M/s (Name and Address of the project).
3. We have no objection in releasing 1st/ 2nd / 3rd (delete whichever not applicable) installment of grant.

Signature with seal
(Name of authorised signatory)
(Branch Name)

Counter Signature of promoter/ Authorized
Signatory of company with seal

Utilization Certificate
[Refer Appendix-VII, Para (3) Sub Para (b) vi & Sub Para (c) vi]

PROFORMA

S. No.	Letter No. & Date	Amount
1.		

Certified that out of ₹ _____ of grant-in-aid sanctioned during the year _____ in favour of _____ under this Ministry/ Department letter No. given in the margin and ₹ _____ on account of unspent balance of the previous year, a sum of ₹ _____ has been utilized for the purpose of _____ for which it was sanctioned, that the balance of ₹ _____ remaining un-utilized at the end of the year ____ has been surrendered to Government (vide No. ____ dated ____) / will be adjusted towards the grants-in-aid payable during the next year _____.

2. Certified that I have satisfied myself that conditions on which the grant-in-aid was sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.

Signature of Promoter/ Authorized signatory of Company with seal _____

Date_____

Counter signature of
Chartered Accountant
with CA Registration
No.

F. No. CE-13016/11/2018-CEFPPC
भारत सरकार/Government of India
खाद्य प्रसंस्करण उद्योग मंत्रालय
Ministry Food Processing Industries
पंचशील भवन, अगस्त क्रांति मार्ग
Panchasheel Bhawan, August Kranti Marg
नई दिल्ली/New Delhi-110049

Dated: 02.03.2020

Subject: Further modified operational guidelines for the Scheme for Creation / Expansion of Food Processing & Preservation Capacities (CEFPPC) of Pradhan Mantri Kisan Sampada Yojana (PMKSY).

Ministry of Food Processing Industries (MoFPI) is implementing a Central Sector Scheme for Creation / Expansion of Food Processing & Preservation Capacities (CEFPPC) of Pradhan Mantri Kisan Sampada Yojana (PMKSY) for the period upto 2019-20. The proposals under the scheme are invited online through Expression of Interest (EOI) issued by the Ministry from time to time.

2. Based on the experience gained during the implementation of the scheme, the operational guidelines of the Scheme for Creation / Expansion of Food Processing & Preservation Capacities (CEFPPC) have been further modified to make the scheme more investor friendly.

3. The modified operational guidelines for the Scheme for Creation / Expansion of Food Processing & Preservation Capacities (CEFPPC) are hereby notified for the information of all the stakeholders and public at large.



(Surendra Singh)
Deputy Industrial Adviser
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MINISTRY OF FOOD PROCESSING INDUSTRIES

Revised Operational Guidelines for implementation of Scheme for Creation / Expansion of Food Processing & Preservation Capacities (CEFPPC)

1. Objectives:

The main objective of the Scheme is creation of processing and preservation capacities and modernization /expansion of existing food processing units which will help in increasing the level of processing, value addition and thereby lead to reduction of wastage and enhancement of farmers' income.

2. Eligible sectors:

Food processing sectors eligible under the Scheme includes –

- (i). Fruits & vegetables processing,
- (ii). Milk Processing
- (iii). Meat/poultry/fish processing,
- (iv). Ready to Eat / Ready to Cook Food Products/ Breakfast cereals/ Snacks / bakery and other food products including nutritional health foods.
- (v). Grains/pulses, oil seed milling and processing based on modern technology.
- (vi). Modern Rice milling.
- (vii). Other agri-horti products including spices, coconut, soybean, mushroom processing, honey processing, etc.
- (viii). Fruits/ Honey based wines.
- (ix). Natural Food flavors, food additives/ food extracts & colours, oleoresins, guar gum, cocoa products etc.
- (x). Manufacturing jaggery from sugarcane and value added products from jaggery (as raw material) except sugar mills.
- (xi). Any other sector that makes food products fit for human consumption.
- (xii). Animal feed manufacturing unit to be set up in Mega Food Parks and Agro Processing Clusters approved by the Ministry from time to time.

- The activities related to manufacturing of aerated water and packaged drinking water will not be considered for financial assistance under the Scheme. However, the carbonated drinks / beverages containing fruit juice / pulp more than 5% in case lime / lemon and more than 10% in case of other fruits will be considered for financial assistance under the Scheme. A maximum of two (2) units in a Mega Food Park (MFP) and one (1) unit in Agro Processing Cluster (APC) will be sanctioned under this

- category.
- Farming activities such as dairy farming, poultry farming, mushroom farming, hatcheries etc. are not eligible sector under the scheme.

3. Indicative list of eligible processing activities:

The processing units undertake a wide range of processing activities which result in value addition, enhancing shelf life of the products and reduction of wastage. An indicative list of processing activities as integral part of the main processing units is given below.

- (i). Sorting, grading, washing, peeling, cutting, sizing;
- (ii). Blanching, crushing, extraction, pulping;
- (iii). Drying, de-husking, de-hulling, splitting, depodding, deseeding, colour sorting, pulverization, extrusion, freeze drying / dehydration, frying, etc.;
- (iv). Pasteurization, homogenization, evaporation, concentration, etc.
- (v). Packaging facilities like canning, aseptic packaging, vacuum packaging, bottling, edible packaging, labelling, any other specialized packaging etc.
- (vi). Chemical preservation, pickling, fermentation or any other specialized facility required for preservation activities etc.
- (vii). Individual Quick Freezing (IQF), blast freezing, plate freezing, spiral quick freezing etc.
- (viii). Controlled temperature transport like coolers / refrigerated / insulated / ventilated transport.
- (ix). All other processing / preservation/ transport / storage facilities etc. adjunct to value addition and shelf life enhancement of food products would be eligible. Standalone activities like temperature controlled transportation/ storage facilities etc. will not be considered under this scheme. The project should include and result in creation/ increase in processing capacity.

Note: The above list is only illustrative and not exhaustive. Food Processing Industry is fast growing industry and several innovative processing technologies are being developed day by day which can also be considered under this Scheme if deemed fit.

4. Eligible organizations:

- (i). Organizations such as Central and State PSUs / Joint Ventures / Farmer Producer Organizations (FPOs)/ NGOs / Cooperatives / SHGs / Public and Pvt. Ltd. Companies / Limited Liability Partnerships/Corporate Entity/ Proprietorship Firms/ Partnership Firms engaged or propose to engage in creation/ expansion/ modernization of food processing and preservation capacities would be eligible for financial assistance under the Scheme. For the purpose of these guidelines, the above mentioned entities shall be treated as 'Implementation Agency/ Applicant organization'.
- (ii). Proposals received from Scheduled Caste (SC)/ Scheduled Tribe (ST) promoters holding 100% stake in the implementation Agency/ applicant organization, will be treated as SC/ST proposals. Such

implementation agency/ applicant organization will be treated at par with the difficult areas for the purpose of extending benefits under the scheme. For any change in the constitution/ composition of such implementation agencies/ applicant organization, prior permission of Ministry shall be required.

5. The proposals for creation/ expansion/ modernization of food processing & preservation units will be considered in Mega Food Parks (MFPs), Agro-processing Clusters assisted by the Ministry. However, in State/UTs having no Mega Food Park, Agro Processing cluster, units may be considered anywhere.

6. Pattern of assistance:

The scheme envisages financial assistance to food processing units in the form of grant-in-aid as under:

- (i). 35% of the eligible project cost subject to a maximum of Rs. 5.00 crore in General Areas;
- (ii). 50% of the eligible project cost subject to a maximum of Rs. 5.00 crore in North Eastern States (including Sikkim) and Difficult areas i.e. Himalayan States/UTs (Himachal Pradesh, Uttarakhand, Ladakh, Jammu and Kashmir), State Notified ITDP areas and Islands (Union Territories of Andaman& Nicobar and Lakshadweep).

7. Project Management Agency (PMA):

- (i). MOFPI has engaged professional agencies as PMAs to assist in implementation of the scheme.
- (ii). Project Management Agencies will assist Ministry in examination, evaluation and monitoring of the proposals. Roles and responsibilities of the PMA are given in **Appendix -L**.

8. Ineligible components: The following items will not be considered eligible for calculation of the grant for the unit:

- (i). Compound wall, Administrative Office Building, Labour quarters for employees/ workers and any other civil work not directly related to the production and processing.
- (ii). Cost of land for the project.
- (iii). Fuel, consumables, spares and stores.
- (iv). Computers, AC with ducting and allied office furniture.
- (v). Personal Transport vehicles.
- (vi). Second hand/ old machines / refurbished machinery.
- (vii). Expenditure on painting of machinery.
- (viii). Stationery items.
- (ix). Pre-operative expenses, consultancy Fee, Margin Money, working capital, contingencies and the expenditure made by the applicant on the eligible project cost before the date of issue of sanction / approval letter by the Ministry shall not be considered as part of eligible project cost.

This is only an illustrative list and not exhaustive list of ineligible items. The Inter Ministerial Approval Committee (IMAC) will be the final authority to decide on the admissibility of the grant and the eligibility or otherwise of the items for this purpose.

8.2 Eligible Project Cost:

Includes the cost of plant & Machinery and Technical civil work including applicable taxes except for ineligible items as mentioned in para 8 above. Cost of 'Utilities' essential for the plant i.e. Water pipeline, DG set, Transformer, Boiler, Solid waste treatment plant, ETP, etc. will be considered under eligible project cost subject to restriction of above cost being maximum 25% of the total project cost.

8.3 The cost norms notified by MIDH/ NHB/ MoFPI, wherever available, shall be applied while calculating the eligible project cost and grants-in-aid for the proposals received under the scheme.

9. Eligibility Criteria:

(i). The promoter's capital/ equity investment on the project should not be less than 20% of the total project cost (excluding land cost) in case of general areas and 10% of the total project cost (excluding land cost) in case of NER, difficult areas, SC, ST and islands

(ii). Availing term loan from the bank/ Financial Institution minimum *20% of the total project cost (except for proposals submitted by Central/State Government)*

(iii). Only those proposals shall be eligible in which final sanction of term loan has been accorded by the *Banks/Financial Institutions after the date of advertisement of EoI of this Scheme*. Further, disbursement of term loan and its utilization shall be only after the date of issue of sanction / approval letter by the Ministry.

(iv). Proposals in Mega Food Parks (MFPs), Agro-processing Clusters (APCs) assisted by the Ministry should have minimum eligible project cost of Rs. 3 (three) crore in general areas and Rs. 1 (one) crore in case of North Eastern States (including Sikkim) and Difficult areas i.e. Himalayan States/UTs (Himachal Pradesh, Uttarakhand, Ladakh, Jammu and Kashmir), State Notified ITDP areas and Islands. However, in State/UTs having no Mega Food Park, Agro Processing cluster, units may be considered anywhere with minimum eligible project cost.

(v). Special provision for SC / ST entrepreneurs having 100% stake in the applicant firm:

Proposals having eligible project cost of Rs. 1 (one) crore or more will be considered anywhere / irrespective of location subject to meeting other terms & conditions of the scheme guidelines.

(vi). Applicants/ promoters who have availed financial assistance under any scheme of Ministry of Food Processing Industries (MoFPI), can apply again only after two years from the date of release of final installment of Grants-in-Aid.

However, the Promoter(s) of Mega Food Parks and Agro processing clusters approved by the Ministry who are desirous to set up units in their respective Mega Food Park & Agro Processing Cluster will be eligible for availing financial assistance for more than one unit(s) under the scheme at any point of time. But first installment of grants-in-aid to the unit(s) approved under CEFPPC scheme in MFP or APC will be released only after release of first installment of grants-in-aid to that MFP or APC.

10. Submission of application:

The procedure for submission of applications is as follows:

(i). Applications under the scheme will be submitted online against Expression of Interest (EoI) issued from time to time for inviting proposals. The proposals have to meet the following basic eligibility

criteria to be considered under the scheme:

(ii). Applicants fulfilling the above eligibility criteria under the scheme are required to submit online application in the prescribed format **(Appendix-A)** attaching therewith complete documents as prescribed in the guidelines at para 13.

(iii). On successful submission of the completed application on Ministry's portal, an acknowledgement number of the application will be sent on registered email IDs to the applicant for future reference.

(iv). The applications received in response to the EoI would be clubbed and evaluated together at the end of each month and sanctioned subject to fulfilling eligibility criteria and meeting the minimum qualifying assessment criteria as per **Appendix-I** of the guidelines. The proposals would be sanctioned based on their merit order.

(v). Ministry does not hold any responsibility for any proposal pending/ delayed at any level including online application portal which could not be submitted to Ministry within the prescribed time limit of EOI. Such proposals shall not be considered.

(vi). Applicant shall thoroughly examine and ensure all the documents to be uploaded/ forwarded with the application are in conformity with the scheme guidelines. Incomplete information, deficient documents, irrelevant documents etc. submitted/ uploaded by the applicant along with application will lead to rejection of proposals.

(vii). Whenever required the applicant would submit the original documents to MoFPI for further processing of the application.

(viii). Mere submission of application with required documents against the EOI does not confer any right on the applicant for claim of grant in aid under the scheme. The grant in aid will be sanctioned based on merit, preference criteria and evaluation of the proposal as per the assessment criteria laid down in the guidelines of the scheme. Grant will be released subject to availability of funds under scheme to the approved projects as per merit order and preference as laid down herein.

11. Procedure for approval of applications / project proposals for financial assistance:

(i). The proposals will be evaluated by PMAs as per the assessment criteria at **Appendix -I** of these guidelines.

(ii). The proposals evaluated by the PMA will be further scrutinized / appraised by the Technical Committee (TC) for making its recommendations to Inter Ministerial Approval Committee (IMAC).

(iii). The proposals recommended by the Technical committee will be placed before the Inter Ministerial Approval Committee (IMAC) for consideration and decision. Details of composition of TC and IMAC is at **Appendix-J**.

(iv). As per the decision of the IMAC, approval/ rejection/ modification/ revision in proposal or project components, if any, will be communicated to the Applicant with suitable instructions.

12. Procedure for Disbursement of grant:

Grant will be disbursed through bank that has sanctioned term loan for the project. Grant will be credit linked but not back ended and will be released in two instalments each @50% of grant in the following manner:

12.1 Release of 1st installment:

The first installment of grant would be released after the firm has incurred 50% expenditure proportionately each from term loan and promoter's contribution / equity of eligible project cost and on production of the following documents by the applicant. The expenditure incurred on eligible project cost shall be commensurate to physical progress of the project. In case of advance payment made for plant & machinery, there shall be at least 50% physical progress in technical civil works:

(i). **Duly notarized Surety Bond** – To be executed by the beneficiary company on Non-Judicial stamp paper of not less than Rs. 100/- (**Appendix-E**).

(ii). **Bank Certificate** certifying that they have released 50% of term loan and the required expenditure has been made on the project. (**Appendix-C**).

(iii). **CA certificate** –for actual expenditure incurred on the project as per the means of finances. (**Appendix-G**).

(iv). **Joint inspection report of PMA & Bank** –Inspection report verifying the actual physical progress made by the project on the ground, matching the expenditure claimed in CA certificate. (**Appendix-B**).

(v). **NOC from Pollution Control Board** (consent to establish)

(vi). **PFMS Registration** – Controller General of Accounts (CGA) registration of firm under agency type “private sector companies” and under the scheme name “Pradhan Mantri Kisan Sampada Yojana- Creation/Expansion of Food Processing & Preservation Capacities [3609]”.

(vii). The applicant needs to open three dedicated escrow / current bank accounts with respect to the promoter(s) contribution, term loan and grants-in-aid separately for implementation of the project. Details of the bank account dedicated to grants-in-aid is to be provided in the ECS mandate form as provided in **Appendix-K** so as to transfer the grant in same account.

(viii). The expenditure made by the applicant on the eligible project cost after the date of issue of sanction / approval letter by the Ministry will only be considered as eligible expenditure for release of grants-in-aid. Such expenditure shall be verifiable from the bank account statement of the applicant firm and also with bills / invoices generated to meet the expenditure as per the scheme guidelines.

(ix). **Compliance of any other Terms & conditions** mentioned in the approval letter of the grant in aid issued by the Ministry.

12.2 Release of 2nd Installment:

The second installment of the grant would be released only after confirming the commencement of commercial production through joint physical verification by the PMA & bank and submission of documents specified below regarding utilization of 1st instalment of grant and 100% of Term Loan as

well as 100% of Promoter's contribution as per the approved means of finances.

(i). **Chartered Accountant Certificate** – Actual expenditure incurred on the project as per the approved means of finance and 100% utilization of Promoters contribution and 100% of Term loan **(Appendix-G)**.

(ii). **Bank Certificate** – certifying that they have released 100% of term loan and Bridge loan if any and 1st installment released has been credited in dedicated account and request to conduct joint inspection **(Appendix-D)**.

(iii). **Statement of Expenditure/ utilization of funds released:** Indicating the details of the payments made towards implementation of the project. **(Appendix-H)**

(iv). **Chartered Engineer Certificates** – certifying the Item wise and cost wise details of Technical civil works completed duly certified by Chartered Engineer (Civil) and Item wise and cost wise details of Plant & Machinery installed duly certified by Chartered Engineer (Mechanical).

(v). **NOC of Pollution Control Board** - (Consent to operate)

(vi). Valid copy of License issued under **FSS Act, 2006**.

(vii). **Joint inspection report of MoFPI, PMA and Bank** – Inspection report verifying the actual physical progress of the project at the ground including commercial production. **(Appendix- M)**.

(viii). **Compliance of any other Terms & conditions** mentioned in the approval letter of the grant in aid issued by the Ministry.

(ix). **Before release of 2nd (final) installment of grant in aid**, eligible grant in aid for the project will be recalculated based on the appraised/ actual cost, whichever is less, for the already approved items and grant will be released accordingly.

12.3 Other conditions:

(i). Notwithstanding the conditions of the guidelines, Ministry shall have the discretion to modify/ amend these guidelines whenever required in the interest of fruitful and effective implementation of the scheme.

(ii). The decision of the Ministry in all matters relating to eligibility, acceptance or rejection of the applications, mode of selection, grant approved and imposition of penalty shall be final and binding on the applicant.

(iii). In case the Banks/ FIs utilize the amount released, in contravention of the scheme guidelines, the Bank/FIs shall be liable to refund such amount to the Government along with interest at PLR of the said bank.

13. Documents required to be submitted at the time of submitting the application by applicant: (application required to be submitted **online** and following documents need to be uploaded with application in pdf format)

(i). Application in the prescribed format **(Appendix-A)**. (*application template will be available in online platform of the Ministry*)

(ii). Detailed Project Report (DPR) (indicating financial and technical profile of the promoter (s), domain expertise available with firm, raw material availability in the area, arrangements for raw

material procurement, marketing strategy of proposed products, process flow diagram of proposed products with production capacity per day, technology proposed for the various activities in process line, financial estimates with key financial parameters, P&L statement, employment generation (Direct, Indirect) , number of farmers to be benefited & farmer linkages etc.)

(iii). Bank appraisal indicating techno-economic viability parameters of the project. (*The copy of DPR stamped by the bank will not be acceptable as bank appraisal*)

(iv). Sanction letter of term loan from bank / financial institutions including Non-Banking Financial Companies (NBFCs) registered with Reserve Bank of India (RBI). (Clearly indicating the amount of term loan approved and sanctioned for the project)

(v). Certificate of incorporation/registration of the organization, Memorandum and Articles of Association and Bye laws of the society (if applicable)/ partnership deed etc.

(vi). Latest Annual Report and Audited Statement of Accounts, in case of expansion / modernization proposals/cases. This will not be applicable for new entrepreneur.

(vii). Item wise and cost wise details of Technical civil works envisaged duly certified by Chartered Engineer (Civil).

(viii). Item wise and cost wise details of Plant & Machinery envisaged duly certified by Chartered Engineer (Mechanical).

(ix). An undertaking to be furnished by the applicant as per **Appendix-F**. The expenditure made/incurred on the project before the date of submission of online application shall be furnished as per **Appendix-G**.

(x). Registered land allotment/ ownership document in the name of applicant firm along with notarized English version of land allotment/ ownership document in case it is in any of the regional languages. In case of lease deed of the land, the registered lease deed for a period of at least 15 years in the name of the applicant firm is required to be submitted. In case, land for the project has been taken on lease from State Govt. / its entities, the policy of State Govt. in this regard will be followed.

(xi). IEM registration/ Entrepreneur's Memorandum/ Udyog Aadhar registration etc.

(xii). Caste Certificate issued by competent authority in case of SC/ST promote(s) of implementation Agency/ applicant organization.

14. Implementation and monitoring of the projects sanctioned:

(i). The implementation schedule for the projects would be 18 months from the date of issue of approval letter. In exceptional circumstances, for the reasons beyond the control of the promoter (s), the implementation period may be extended with approval of IMAC.

(ii). In case of non-adherence of time lines, a penalty of 1% of the approved grants-in-aid, will be imposed for each month's delay beyond the stipulated timeline of 18 months. The maximum amount of penalty, however, shall not exceed 10% of the approved grants-in-aid to be released to the project. The penalty will be calculated and imposed on the applicant firm at the time of release of 2nd & final instalment of grants-in-aid.

(iii). Ministry will periodically review the progress of the projects under the Scheme.

(iv). Pre and post inspection would also be undertaken by the Ministry officials, PMA and State Govt. to find out the physical, financial and operational progress as and when required. It will also be binding on the applicant to allow inspection/ physical verification of the unit at any time by representatives of

Ministry.

(v). The decision of the IMAC shall be final and binding on all concerned parties on the interpretation of the provisions of these guidelines and the matters related / incidental thereto.

(vi). Promoter would be required to prominently display on the front of the project building/ vehicles stating that the **"Unit assisted by the Ministry of Food Processing Industries, Government of India under CEFPPC Scheme"**.

15. Recall of Grant:

The Ministry will have the authority to recall the grant –

(i). If the project is not completed in time within the approved project period including extension if any, then the grant-in-aid released to the applicant, will have to be refunded to the Ministry of Food Processing Industries forthwith but not later than 30 days after a notice is given by MOFPI in this regard.

(ii). If any applicant does not submit complete documents for release of 2nd & final installment of grants-in-aid as per scheme guidelines within two months from the date of start of commercial operation, the approval accorded to the applicant will be cancelled and grant will be recalled.

(iii). If the assisted project stops its commercial operations within three (3) years from the date of commencement of commercial production of the project.

(iv). If during such period, it comes to the notice of the Ministry that the grant has been availed by manipulating / concealment of information / facts or that the grant has been utilized for purposes other than those for which it was sanctioned.

16. Jurisdiction of Court:

Any dispute arising out of any conditions stipulated in the guidelines, selection of proposals and implementation of approved project under this scheme will be subject to Courts/ Tribunals having jurisdiction over Delhi.

Appendix -A

Application Format for Scheme for Creation/ Expansion of Food Processing & Preservation Capacities. (this is an indicative format, online fillable form will be available on portal)

S.No.	Particulars	Details
1. State/UT:		
2. Whether the unit is proposed to be set up in a MFP in a state and name of MFP (enclose documents in proof of the same):		
A. Promoters		
1	Name & Address of the Promoter including telephone, fax, e-mail etc. Aadhaar No, PAN /TIN/TAN Number	
2.	Whether the Promoter of Applicant company belongs to SC/ST category (<i>if yes, cast certificate issued by the District Magistrate etc. to be submitted</i>) refer para 4 (ii) & 9 (v)	
3.	Type of organisation like Govt. Institution /organisation, Pvt. Ltd. Co, FPO, NGO, Co-operative, Proprietorship, Partnership Co. etc.	
4.	Background/credentials of applicant organisation	
5.	Financial Status (Net worth of Promoters/company, details of existing company etc to be enclosed separately alongwith details)	
6.	Existing Industry if any	
B. Project Description		
7.	Name of the Project	
8.	Location/Area of the project	
9.	Products/By Products	
10.	Process with complete flow chart	
11.	Technology (Indigenous/ imported)	
12.	Capacity of the Plant/Unit	
13.	In case of expansion/modernisation of existing facilities/unit (details of existing capacity and proposed capacity after expansion, alongwith capacity utilisation)	
C. Project Cost		
14.	Capital Investment (Fixed Capital) <div style="margin-left: 40px;"> i. Land Area Cost ii. Building iii. Civil Works iv. Technical Civil Works </div>	
15.	Pre-operative expenses	
16.	Working Capital	
17.	Raw Material/Packaging (Source/Quantity/Cost)	
18.	Labour (Quantity/Cost)	
19.	Effluent Disposal (Method/Machinery/Cost)	

20.	Any other items (Please specify)		
D. Means of Finance (indicating proposed & appraised means of finance, separately)			
21.	Means of Financing a) Equity (Promoter/Foreign/Other) b) Loan (Term/working capital) c) Grant in aid d) other sources (Venture capital etc)		
	TOTAL		
22.	Financial Benchmarks a) Cash Flow b) Break Even Point c) Internal Rate of Return d) Debt Equity Ratio e) Debt Service Coverage Ratio		
23.	In case of expansion/modernisation all the above benchmarks to be given separately-existing as well as projected		
24.	In case of expansion/modernisation proposals Audited Balance sheet of last three years to be enclosed.		
E. Implementation Schedule			
25.	Item of work	Date of implementation (Bar charts/ Milestone Charts may be enclosed)	
F. Employment Generation- Direct/Indirect			
26.	a) Direct b) Indirect		

Inspection Format for PMAs to submit their reports for release of 1st instalment of grants-in-aid under CEFPPC Scheme

1. General Information

Sl. No.	Particulars	Details
1.	Name of the firm / company	
2.	Location of the project	
3.	Whether the project is located in Mega Food Parks, Agro Processing Clusters, if so details thereof	
4.	Date of approval	
5.	Total Approved Project Cost (Rs. in Crore)	
6.	Total Eligible Project Cost (Rs. in Crore) (i) Eligible TCW (ii) Eligible P&M	
7.	Nature of the project (i) New setting up (green field) (ii) Modernization / Expansion (brown filed)	
8.	Capacity of the project (MT Per annum)	
9.	Name of the PMA	
10.	Name, designation, organisation and contact details of member of the inspection team	
11.	Date of inspection	

2. Means of Finance

Sl. No.	Source of Fund	Approved Means of Finance (Rs. in Crore)	Funds Mobilized as on ____ (Rs. in Crore)	Actual expenditure as per CA certificate (Rs. in Crore)	Actual expenditure assessed by PMA (Rs. in Crore)
1	Promoter's Contribution				
2	Grant from MFPI				
3	Term Loan				
4	Unsecured loan / bridge loan				
	Total				

3. Details of expenditure on components of the Project Cost

Sl. No.	Components	Approved Cost (Rs. in Crore)	Actual expenditure Incurred as per CA certificate (Rs. in Crore)	Actual expenditure assessed by PMA (Rs. in Crore)	Remarks on physical progress
1					
2					
3					
4					
5					
	Total				

4. Employment generation

- (i) Direct employment:
(ii) Indirect employment:

5. No. of farmers benefitted:

6. Details of documents submitted by the firm / company for release of 1st / 2nd instalment in compliance of the scheme guidelines

7. Comments of inspection team, if any:

8. Recommendations of inspection team: -

<p>(Signature)</p> <p>(Name, designation & organization of Member of Inspection team)</p>	<p>(Signature)</p> <p>(Name, designation & organization of Member of Inspection team)</p>
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**(Recommendation of Bank for release of 1stinstallment of grant)
[REFER PARA 12.1 (ii)]**

To
The Director
Ministry of Food Processing Industries
Panchsheel Bhawan
August Kranti Marg
New Delhi- 110049

**Subject: Recommendation for release of 1stinstallment of financial assistance in respect of project of
M/s (Name & Address of project) -reg.**

Sir,

With reference to Ministry's approval letter no. dated, it is hereby recommended that Ministry may consider release of 1stinstallment i.e. 50% of approved grant amount in respect of project of M/s (address of project location) VillageDistrictState Till now our bank has released..... % of term loan to this project. Following is certified for consideration of release of grant:-

It is certified that:-

- i.** The promoter has utilized 50% of promoter's contribution and 50% of term loan of the approved project cost on the implementation of the project.
- ii.** The term loan in the project is not sanctioned for one or few components but for the entire project as appraised.
- iii.** Activity and component considered in the project for loan are new. No old plant & machinery or component is recommended for consideration of grant.
- iv.** The grant so released by the Ministry to the bank shall be credited in TRA/Escrow Account Number..... .
- v.** In the event of bank recovering its loan liabilities from the promoter in case of default and/ or contravention of the scheme guidelines by the promoter, the Banks shall refund to the Government the grant amount in proportion to its own dues as finally recovered from the defaulter.

**(Signature of the Bank Officer
with Seal)**

Name: _____
Name of the Bank: _____
Address: _____
Phone/ Fax/ Mobile
No. _____
Email: _____
Place: _____
Date: _____

**(Forwarding letter of Bank for recommending conduct of Joint Inspection before release of 2nd and
Final Installment of grant)
[REFER Para12.2]**

To
The Under Secretary
 Ministry of Food Processing Industries
 Panchsheel Bhawan
 August Kranti Marg
 New Delhi- 110049

Subject: Request for conduct of Joint Inspection in respect of project of M/s (Name & Address of project) –reg.

Sir,
 The Ministry of Food Processing Industries has released Rs..... as 1st Installment of grant in respect of project of M/s (address of project location) Village..... District..... State..... vide sanction letter no..... dated The grant amount of 1st Installment released to the project has been credited in TRA/ Escrow account no. of the bank and utilized for the project. Now project is complete and has commenced commercial operations on (DD/MM/YYYY). The bank has also disbursed full term loan sanctioned for the above mentioned project. Following documents required for Joint Inspection are submitted with the request to conduct Joint Inspection of the project in connection with release of 2nd and final installment of grant:-

S.No.	Particulars	Yes/No
1.	Details of date-wise release of term loan	
2.	Completion of the project and start of commercial operation by the unit	
3.	Statement of <i>eligible components used for assessing component wise cost</i> and eligible project cost.	
4.	Chartered Engineer Certificates for completed TCW & Installed P/M	
5.	Statement of TRA/ Escrow account of bank in which 1 st Installment of grant has been credited	
6.	C.A. Certificate as per Appendix G	
7.	Copy of consent to Operate from Central/State Pollution Control Board	
8.	Copy of License under Food Safety and Standards Act, 2006	

It is certified that:-

- i. The promoter has spent 100% of promoter's contribution and 100% of term loan of the approved project cost on the implementation of the project.

(Signature of the Bank Officer with Seal)

Name: _____

Name of the Bank: _____

Address: _____

Phone/ Fax/ Mobile No. _____

Email: _____

Place: _____

Date: _____

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s _____, a _____ (Type of organization) incorporated / registered under the _____ (Name of the Act) and having its registered office at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of Rs. _____ (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand _____.

WHEREAS on the Obligors' request, the Government as per Sanction Order No. _____ Dated _____ (hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and a copy whereof is annexed hereto and marked as Annexure-I, agreed to make in favour of the Obligors grants-in-aids-in-aid of Rs. _____ (Rupees _____ only) for the purpose of _____ (description of the project) at _____ out of which the sum of Rs. _____ (Rupees _____ only) have been paid to the Obligors (the receipt of which the Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms & conditions of the grants-in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aids and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by the clauses indicated in the scheme guidelines under which the above grant has been sanctioned and any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the guidelines/ bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the grants-in-aid with interest of 10% per annum thereon. If a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged upto the date of its refund to the Government, unless it is agreed to be carried over.

The Obligors agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created / acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligors.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligors and;

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligors the day herein above written in pursuance of the Resolution No. _____ Dated _____ passed by the governing body of the Obligors, a copy whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the President of India _____ on the date appearing below:-

Signature of the AUTHORISED SIGNATORY
Signed for and on behalf of
(Name of the Obliger in block letters)
(Seal / Stamp of Organization)

1. Signature of witness
Name & Address

2. Signature of witness
Name & Address

TO BE FILLED UP BY THE MINISTRY OF FOOD PROCESSING INDUSTRIES
(ACCEPTED)
For and on behalf of the PRESIDENT OF INDIA

Name: _____
Designation: _____
Dated: _____

Notary Seal & Signature

UNDERTAKING
[REFER PARA 13 (ix)]

I..... (Name of the Lead Promoter/Director) Son of Mr.....(father's name) resident of(residential address) do hereby solemnly affirm and declare/undertake as under:

1. That I am promoter/ director/ partner/ proprietor of M/s..... (name of the applicant firm) having its Registration no.Registered Office at (office address of the applicant firm).
2. I hereby make application and I am duly authorized in my own right/by management vide its resolution no.dated.....to apply and sign all required documents including this undertaking on behalf of company/partnership firm/cooperative society etc. named as; and am fully aware of the facts relating to the setting up of food processing unit at Survey No....., Village....., Tehsil....., District....., State..... (location of the main facility) for.....(activities to be undertaken by project) and application is being made to the Ministry of Food Processing Industries (MoFPI) under the Central Sector Scheme for Creation/ Expansion of Food Processing & Preservation Capacities.
3. That the term and conditions of the above scheme of the MoFPI under which an application is made by the applicant have been properly read and understood by me and I affirm that the project/ proposal comply with all the terms and conditions of the approval letter and provisions enshrined in the scheme guidelines.
4. That the proposed activities to be undertaken by the project/proposal are covered under the above scheme of MoFPI and no part of the scheme/infrastructure of the project is designed or assigned to be used for any activity other than the activities specified in the application at present or in the near future.
5. It is certified that _____ (name of the applicant firm) has not obtained or applied for grants for the same project, component, purpose or activity from any other Ministry or Department of the Government of India or State Government or their agencies.
6. It is certified that the organization's subsidiary company (s)/ related company / group company as well as the applicant company itself availed / not availed financial assistance for a food processing project in the past from the Ministry of Food Processing Industries (MoFPI) or from State Government (Name of the State), if availed, the details thereof shall be furnished.
7. It is to certify that _____ (name of the applicant firm) has / has not (whichever applicable) incurred an expenditure on the project before the date of submission of online application. If yes, the details of expenditure incurred on the project shall be furnished / uploaded on the online portal as per **Annexure-G**.
8. It is to certify that disbursement of term loan sanctioned by bank for the project and its utilisation will be taken up only after the date of issue of sanction / approval letter by the Ministry.

9. I also solemnly affirm/undertake that the proposed project components in the application are a completely new activity and not a pre-existing activity or any component thereof.
10. In case of concealment of any facts in this regard, the MoFPI would have right to reject my application out right at any stage.
11. I will meet any shortfall in means of finance due to less admissibility of grant or any future reduction in grant-in-aid or any escalation caused in the cost of the project.
12. I shall not dispose-off or encumber or utilize the assets created wholly or substantially out of government grant for purpose other than those for which they have been sanctioned, without obtaining the prior approval of the sanctioning authority of grant-in- aid.
13. After submission of application for grant under above scheme, I shall not change the ownership of the project, location of project, Name of the company, promoters of the company, Bank /FI without explicit written permission from the Ministry.
14. In case of non-implementation/ delayed implementation of the project the Ministry will have absolute right in cancelling the approval granted and also recall the grant released, if any, along with interest as per the scheme guidelines.
15. I also undertake that all the information furnished in the application and the DPR with respect to the eligibility conditions, etc. are true and correct to the best of my knowledge and belief and nothing material has been concealed therefrom.

Date: _____

Place: _____

Signature of the Applicant/Lead Promoter

(Letter Head of the CA)

CA certificate (With membership No. of CA) in the following format:-

(i) Project Cost:

(Rs. in lakh)

Sl No.	Name of the Component/Item	Project Cost	Cost appraised by the Bank	Actual Cost incurred as on _____ (date)
1.	Land			
2.	Building / Civil Works			
3.	Plant & Machinery			
4.	Misc. Fixed Assets			
5.	Others			
	Total			

(ii) Means of Finance:

(Rs. in lakh)

Sl. No.	Item	Project Cost	As per appraisal report	Actual Cost
1.	Promoter's Equity			
2.	Term Loan			
3.	Unsecured Loan			
4.	MoFPI Grant			
5.	Others			
	Total			

Details of unsecured loans, if any, duly certified by CA.

Signature and Seal of C.A.

Statement of expenditure/ utilization of the funds released

Certified that Rs. _____ of grant-in-aid sanctioned by the Ministry of Food Processing Industries towards first/ second instalment of grant in favour of _____ (name & address of the project) has been utilized for the purpose for which it was sanctioned. A statement of accounts showing the expenditure/ utilization of funds released duly signed by the undersigned and counter signed by the Chartered Accountant is enclosed as an **Annexure**.

Signature of Promoter/ Authorized signatory of Company

With Seal

Date._____

Counter signature of Chartered Accountant
With CA membership No.

Annexure

Statement of expenditure/ utilization of the funds released

SL No	Name of the party	Components	Voucher/ Bill No	Date of Voucher/ Bill	Basic Cost (only for P&M)	Taxes, Freight, installations, Insurance	Total Cost	Date of Payment as per Bank	Mode of Payment

Signature of Promoter/ Authorized signatory of Company

With Seal

Date._____

Counter signature of Chartered Accountant
With CA membership No.

Criteria for Evaluation of proposals under Scheme for creation of food Processing & Preservation capacities

[REFER PARA 10 (iv)]

The proposals found *prima facie* eligible based on conditions stipulated in the guidelines will be evaluated as per the following assessment criteria: (A proposal would have to obtain a minimum of 60 marks in order to become eligible for consideration of grant-in-aid)

Sl. No.	Criteria for Evaluation of the proposal	Marks	Max marks	Modifications approved by IMAC
1	Priority Sector			
	a. For Perishable Products (<i>Fruits & Veg, Meat & Poultry, Milk & Aqua Products etc.</i>)	20	20	DPR/ Bank appraisal and IEM
	b. For Consumer products (<i>Bakery/Snacks/Breakfast cereals/RTE products etc.</i>)	10		
	c. For Non- Perishable Products (<i>Grain/Pulse/Oil milling etc.</i>)	05		
2	Leveraging of Investment in the project			
	For General areas		15	DPR/ Bank appraisal
	a. Proposed private investment including equity and unsecured loan \geq 1.5 times of grant sought	15		
	b. Proposed private investment including equity and unsecured loan $<$ 1.5 times of grant sought	10		
	For SC/ST, NER/ Himalayan States, Island areas& ITDP areas.			
	a. Proposed private investment including equity and unsecured loan \geq grant sought	15		
	b. Proposed private investment including equity and unsecured loan $<$ grant sought	10		
3	Investment on Eligible Project cost			
	a. More than Rs.15 crore	12	12	DPR/ CE Certificate.
	b. More than Rs 9 crore to 15 crore	08		
	c. Between Rs. 3 crore to 9 crore	06		
	d. Below Rs. 3 crore (in case of SC/ST, NER/Himalayan States/ITDP/Island)	04		
4	Net worth of the applicant			
	a. More than 2 times of proposed equity	05	05	Balance Sheet / CA Certificate / Supporting Documents
	b. 1.5 to 2 times of proposed equity	03		
	c. Less than 1.5 times of proposed equity	0		
5	Debt Service Coverage Ratio (DSCR) based on Bank appraisal			
	a. 3.0 and above	07	07	Bank Appraisal Report
	b. Between 2.5 but less than 3.0	05		
	c. Between 2.0 but less than 2.5	03		
	d. Between 1.5 but less than 2.0	01		
	e. Less than 1.5	00		
6	Women entrepreneur(s)			
	a. 100% shareholding of women in the firm	05	05	Relevant documents / ROC
	b. Majority stake / shareholding (more than 50% and less than 100% of women in the firm)	02		
7	Project Strength- The promoter(s) having professional /			

	special training in food processing / technology			
	a. M.Tech / Ph.D. in Food Processing / Technology	05	05	Copy of Degree / Diploma / Certificate
	b. B.Tech in Food Processing / Technology	04		
	c. Diploma in Food Processing / Technology	03		
	d. Special Training in Food Processing / Technology for a period not less six months from Govt. recognized University / Institute	02		
8	Experience of applicant firm / promoter(s) in Food Processing:			
	a. Food processing business having annual turnover of ₹3 crore and above during previous year	10	10	Balance sheet, FSSAI license etc.
	b. Food processing business having annual turnover of ₹2 crore but less than ₹3 crore above during previous year	7		
	c. Food processing business having annual turnover of ₹1 crore but less than ₹2 crore during previous year	5		
	d. Food processing business having annual turnover of less than ₹1 crore during the previous year	3		
9	Introduction of innovative technology / processing in the project	04	04	Relevant documents
10	Type of unit			
	a. Setting up / creation of new unit (greenfield)	05	05	Relevant documents
	b. Expansion / modernization (brownfield)	0		
11	Location of the units			
	a. Mega Food Parks (MFPs) / Agro Processing Clusters (APCs) approved by MoFPI	12	12	Relevant documents / notification
	b. Outside MFPs/ APCs	03		
	Total		100	

INTER-MINISTERIAL APPROVAL COMMITTEE (IMAC)

- | | |
|--|-----------------------|
| 1. Hon'ble Minister, Food Processing Industries. | - Chairperson |
| 2. Hon'ble Minister of States, FPI | - Co-Chairperson |
| 3. Secretary, FPI, Ministry of Food Processing Industries | - Member |
| 4. Additional Secretary/ Jt. Secretary & Financial Adviser, MoFPI | - Member |
| 5. Joint Secretary, MIDH, Department of Agriculture & Co-operation,
Ministry of Agriculture & FW | - Member |
| 6. Joint Development Commissioner, O/o Development Commissioner
(MSME), Ministry of Micro, Small and Medium Enterprises | - Member |
| 7. Chief Executive Officer (CEO), NITI Aayog | - Member |
| 8. Representative of NABARD | - Member |
| 9. <i>State Government representative</i> | - Member |
| 10. Joint Secretary, (Dealing with scheme), Ministry of Food Processing Industries | - Member
Secretary |

TECHNICAL COMMITTEE (TC)

- | | |
|---|-----------------------|
| 1. Additional/Joint Secretary, (Dealing with scheme), MoFPI | - Chairperson |
| 2. Representative of AS&FA, Ministry of Food Processing Industries | - Member |
| 3. Economic Adviser, MoFPI | - Member |
| 4. Director, APEDA, Ministry of Commerce & Industries | - Member |
| 5. Director/DS, MIDH, Ministry of Agriculture & FW | - Member |
| 6. Managing Director, National Horticulture Board | - Member |
| 7. HOD, Food Process Engineering, IICPT, Thanjavur | - Member |
| 8. HOD, Department of Food Engineering & Technology, NIFTEM | - Member |
| 9. Representative of NABARD | - Member |
| 10. <i>State Government representative</i> | - Member |
| 11. Subject matter specialist (as and when required) | - Special
Invitee |
| 12. Director / DS (Dealing with scheme), Ministry of Food Processing Industries | - Member
Secretary |

-

Mandate Form
[REFER PARA 12.1(vii)]

ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) /REAL TIME GROSS SETTLEMENT (RTGS)
FACILITY FOR RECEIVING PAYMENTS

DETAILS OF ACCOUNT HOLDER:

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/FAX/EMAIL	
PAN/TIN/TAN Number	

BANK ACCOUNT DETAILS:-

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS TELEPHONE NUMBER AND EMAIL	
BRANCH'S IFSC CODE	
TYPE OF BANK ACCOUNT (SB/CURRENT/CASH CREDIT)	
COMPLETE BANK ACCOUNT NUMBER (LATEST) DEDICATED TO GRANTS-IN-AID	
MICR CODE OF BANK	

DATE OF EFFECT:-

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incomplete or incorrect information I would not hold the Ministry of Food Processing Industries responsible.

Date

Signature of Customer

Certified that the particulars furnished above are correct as per our records.

(Signature and Seal of Bank)

(Note: Please attach a self-attested photocopy of cheque along with the verification obtained from the bank)

ROLE AND RESPONSIBILITIES OF PROGRAMME MANAGEMENT AGENCY

[REFER PARA 7]

- (i)** Scrutiny of the Proposals received against the EOI/advertisement and assist the Ministry in selection of eligible proposals.
- (ii)** Appraisal of the DPR/projects indicating financial viability, commercial sustainability and socio-economic impact and presentation of the appraisal to the Ministry for approval.
- (iii)** Assist the Ministry in issue of approval letters to the selected projects.
- (iv)** Assist/advise the Ministry in release of the grant to the approved projects. Scrutiny of the proposals for release of grant as per the scheme guidelines. Undertake site inspections to assess the actual physical progress and verify the claims/documents submitted by the applicant for release of grant and make recommendations to the Ministry. In addition to carrying out mandatory site inspections before release of 1st and 2nd installment of grant, the PMA will also carry out quarterly site inspections and additional site inspections as and when requested by the Ministry to ascertain the status of implementation of a particular project.
- (v)** Monitoring and reporting the progress of the projects to the Ministry periodically (Yearly for five year) on the basis of defined milestones or as directed by the Ministry.
- (vi)** Updating the data regularly in the online dashboard monitoring system for monitoring the progress of the assisted projects. The portal will have to be kept updated at all times.
- (vii)** Provide suitable technical inputs on any aspect of the processing/ preservation activities of the project and related matter as and when required by the Ministry.
- (viii)** Assist in formulating, analysis and evaluation of the scheme guidelines.
- (ix)** Provide inputs for preparing reports, templates, forms and check lists related to the effective implementation of the scheme.
- (x)** Provide inputs for preparation of the agenda notes and minutes of the Technical Committee and Inter-Ministerial Approval Committee (IMAC) for the scheme.
- (xi)** Assist the Ministry in analysis of nation wise, state wise and cluster wise requirements of the creation/ expansion of processing/ preservation capacities.
- (xii)** Checking the authenticity of the documents submitted by the applicants.
- (xiii)** Any other duty and responsibility assigned by the Ministry from time to time.

Joint Inspection Report for final installment

Date: _____

To,

The Jt. Secretary,

Ministry of Food Processing Industries

Panchsheel Bhavan, August Kranti Marg

New Delhi -110049

Subject : Inspection & Physical verification of M/s_____ (Name of the firm with address of project location) for consideration of the release of grant-in-aid under the Scheme for Creation/ Expansion of Food Processing & Preservation Capacities.

The details of the implementation of the project:

S.No.	Particulars	Details	
A	Project Details		
1.	Name of the Project		
2.	Location/Area of the project/ Name of State/UT.		
3.	Whether the project is in MFP, name and plot no.		
4.	Products/By Products to be manufactured (list of products)		
5.	Capacity of the project (MT/ annum)		
6.	In case of expansion/modernisation of existing facilities/unit (details of existing capacity and proposed capacity after expansion & alongwith capacity utilisation)		
B	Project Cost	(Amount in Crores)	
		As appraised by the bank	Actual as on _____
	i. Land /Plot area Cost		
	ii. Civil Works		
	iii. Cost of Plant & Machinery		
	iv. Others		
	Total cost		
C	Means of Finance (appraised means of finance)		
	i. Equity (Promoter/Foreign/Other)		
	ii. Loan (Term)		
	iii. Grant in aid		
	iv. other sources		
	TOTAL		
D	Estimated Grant in aid		
1.	Eligible cost of Technical Civil work Actual or appraised whichever is less		
2.	Eligible cost of Plant & Machinery Actual or appraised whichever is less		
3.	Total of the Eligible cost		
4.	Estimated grant in aid worked out (@35%/ 50%)		

E. Implementation Schedule (Actual dates)		
	(a) Date of completion of building (d) Date of installation/erection of plant & machinery (f) Date of trial production and (g) Date of start of commercial production.	
F. Employment Generation- Actual		
	a) Direct b) Indirect	
G.	Validity period of FSSAI license.	
H.	Validity of PCB certificate (consent to operate)	
I.	Photographs of the units to be attached.	
J.	Other remarks, if any	
<p>The above information is indicated as per the physical verification of the documents for above project. The proposal is recommended for consideration of release of 2nd instalment of grant in aid as per the guidelines of Scheme for Creation/ Expansion of Food Processing & Preservation Capacities.</p> <div style="text-align: right;"> <p>(Signature of the Bank Officer with Seal) Name: _____ Name of the Bank: _____ Address: _____ Phone/ Fax/ Mobile No. _____ Email: _____ Place: _____ Date: _____</p> </div> <div> <p>(Signature of the PMA) Name: _____ Address: _____ Phone/ Fax/ Mobile No. _____ Email: _____ Place: _____ Date: _____</p> </div>		

F. No. Z-14/13/2018-APC
Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg,
New Delhi-110049

Dated: 04.12.2020

Subject:- Revised Operational Guidelines for the Scheme for Creation of Infrastructure for Agro Processing Clusters

1. Introduction:

1.1 The Ministry has formulated the Scheme for Creation of Infrastructure for Agro Processing Clusters as a sub-scheme of Central Sector Scheme - "PRADHAN MANTRI KISAN SAMPADA YOJANA (PMKSY)" coterminous with the 14th Finance Commission cycle.

1.2 The scheme aims at development of modern infrastructure to encourage entrepreneurs to set up food processing units based on cluster approach. The scheme is to be implemented in area of horticulture / agriculture production identified through a mapping exercise. These clusters will help in reducing the wastage of the surplus produce and add value to the horticultural / agricultural produce which will result in increase of income of the farmers and create employment at the local level.

1.3 There are certain capital intensive common facilities which are required to be created by food processing units irrespective of nature of their processing. These capital intensive facilities like cold storages, blast freezers, specialized packaging, IQF, warehousing etc. if developed as common facilities, will encourage entrepreneurs to set up more food processing units. The nature of operation of the food processing units also requires development of basic enabling infrastructure to take care of continuous process, water supply, effluent treatment and clean surrounding, etc. There is lack of such modern infrastructure in the country which is hampering the development of food processing sector. If this infrastructure is made available with the financial support from the government, there is a potential of developing food processing sector with much higher speed than it is today.

2. Objectives of the Scheme

The major objectives of the scheme are:

- i. To create modern infrastructure for food processing closer to production areas.
- ii. To provide integrated and complete preservation infrastructure facilities from the farm gate to the consumer.
- iii. To create effective backward and forward linkages by linking groups of producers / farmers to the processors and markets through well-equipped supply chain.

3. Salient Features of the Scheme

3.1. At least 5 food processing units with a minimum aggregate investment of Rs. 25 crore will be set up in the Agro-processing cluster. These units may be set up by the promoters and associates of Project Execution Agency (PEA) and by other entrepreneurs. The investment in these units will not be eligible under this scheme.

3.2. Food processing units will be set up simultaneous to the creation of core infrastructure in the cluster. The core infrastructure facilities being developed in the agro-cluster shall be as per the requirement of food processing units to be set up in the cluster or as per the available raw material for processing in the area.

3.3. Agro-processing clusters may be developed by:

- the promoter(s) willing to set up own units in the cluster and also allow utilization of common infrastructure to other units in the area;
- the promoter(s) willing to develop common infrastructure for use by the units to be set up in the food processing cluster by other entrepreneurs;
- the promoter(s) willing to develop common infrastructure in the existing food processing cluster

3.4. The extent of land required for establishing the agro-processing cluster would depend upon the business plan of Project Execution Agency (PEA), which may vary from project to project. At least **10 acres** of land for the project shall be arranged by the PEA either by purchase or on lease of at least **50 years**.

3.5. Preference will be given to:

- (i). setting up agro-processing clusters in agri-horti clusters identified from time to time by Central / State Governments and its entities such as Department of Agriculture, Co-operation and Farmers Welfare (DAC&FW) under Mission for Integrated Development of Horticulture (MIDH), APEDA etc. An indicative list of such clusters is at **Appendix - B**.
- (ii). setting up of export oriented agro-processing clusters aligned with the clusters identified by the Department of Commerce and mentioned in their Agri-export Policy 2018 document. An indicative list of such clusters is at **Appendix - C**.
- (iii). setting up agro-processing clusters by State Govt. and / or its entities on Public Private Partnership (PPP) mode.

3.6. It is expected that on an average, each project may have around 5-10 food processing units to be set up in each Agro-processing cluster with an employment generation potential, both direct and indirect of about 500 to 1500 persons. This employment generation will provide livelihood to about 6000 persons based on an average household size of 4 members. However, the actual configuration of the project may vary depending upon the business plan for each Agro –processing cluster.

3.7. The food processing industries that make food products fit for human and animal consumption (except alcoholic products) may be permitted to be set up in these clusters. Preference will be given to projects proposing preservation and/or processing of perishable food products. Packaging facilities of food products as ancillary to the food processing industries (proposed to be setup in the cluster) may also be allotted land in the agro cluster.

4. Components of the Scheme:

4.1. The scheme will have following components:

- (i) **Basic enabling infrastructure:** It will include site development including development of industrial plots, boundary wall, roads, drainage, water supply, electricity supply including power backup, effluent treatment plant, parking bay, weigh bridges, common office space etc. However, the cost of basic enabling infrastructure not exceeding 40 percent of the eligible project cost would

be eligible for grant purpose. The cost of any basic enabling infrastructure outside the boundary wall of the agro cluster will not be eligible for grant assistance.

(ii) **Core infrastructure:** The common facilities will be based on the needs of the units which will be set up in these clusters. The common facilities of capital intensive nature may include food testing laboratory, cleaning, grading, sorting and packing facilities, steam generation boilers, dry warehouse, cold storage, pre-cooling chambers, ripening chambers, IQF, specialized packaging, other common processing facilities, etc.

The above mentioned facilities are only illustrative and the exact nature of facilities may vary from project to project based on requirements of the units in the cluster and availability of agriculture / horticulture produce in the catchment area of the project.

4.2. Any modification in the common facilities / core infrastructure after approval of the proposal will not be approved by the IMAC, unless request for modifications submitted with a compelling rationale and endorsed by the lending institutions.

5. Pattern of Assistance

5.1 The Scheme envisages grants-in-aid @ 35% of eligible project cost in general areas and @50% of eligible project cost in the North East States including Sikkim and difficult areas namely Himalayan States (i.e. Himachal Pradesh, Jammu & Kashmir and Uttarakhand), State notified ITDP areas & Islands of Union Territories of Lakshadweep and Andaman & Nicobar Islands subject to max. of Rs. 10.00 crore per project. The grants-in-aid will be credit linked but not back-ended. The eligible project cost will exclude cost of land, pre-operative expenses and margin money for working capital from the total project cost.

5.2 SC or/and ST promoter(s), as the case may be, shall hold 100% stake in the Project Execution Agency (PEA). Such Project Execution Agency (PEA) will be treated at par with the difficult areas for the purpose of extending benefits under the scheme. For any change in the constitution / composition of such Project Execution Agencies (PEAs), prior permission of Ministry shall be required.

5.3 The registered value of the land would be taken as part of the total project cost. The Gol grant shall not be used for procurement/purchase of land. In case of land acquired by PEA on lease, such cost may not be part of project cost and may be considered part of operating cost.

5.4 The cost norms notified by MIDH/ NHB/ MoFPI, wherever available, will be applied while calculating the eligible project cost and grants-in-aid for the proposals received under the scheme.

6. Project Execution Agency (PEA):

6.1 Govt. Departments / PSUs / Joint Ventures / NGOs / Cooperatives / Self Help Groups (SHGs) / Farmer Producer Organizations (FPOs) / Private Sector Companies / Partnership Firms / Proprietorship Firms etc. can be Project Execution Agency (PEA) who will be eligible for financial assistance under the scheme.

6.2 Govt. of India has decided to earmark funds for extending benefit of the scheme to SC & ST. Therefore, subject to meeting the basic eligibility criteria, SC / ST beneficiaries will be given preference in sanction of the projects under the scheme to the extent of earmarked fund allocation for each category.

6.3 The Project Execution Agency (PEA) would be responsible for the following:

- i. To formulate the Detailed Project Report (DPR) and execute the project in a transparent, efficient and timely manner.
- ii. To arrange land only lease / purchase and ensure external infrastructure linkages for the project.
- iii. To obtain statutory approvals/clearances including environmental clearances, which are prerequisite for commencement and operation of the Project.
- iv. To achieve financial closure and ensure timely completion of the project in specified timelines.
- v. To own and maintain the enabling infrastructure and common facilities.
- vi. To receive grant-in-aid under the Scheme, and to ensure its utilization in a transparent and judicious manner.
- vii. To maintain proper accounts of the project implementation and the maintenance of infrastructure and common facilities after commissioning of the project.
- viii. Upload monthly progress report with pictures / photographs of site.
- ix. Publish the user charges/hiring rates for common facilities and lease rental rates / sale price for plots in agro-processing cluster on their websites and also on a board at the gate of the agro cluster for wider information of the prospective investors. Rate of plots in the Agro Processing Cluster will also be made available to Ministry of Food Processing Industries (MoFPI) and State Government concerned for uploading on their websites.
- x. PEA may sell / lease plots in agro-processing cluster to other food processing units. But the common facilities in the cluster cannot be sold or leased out. They can only be offered to units on rental basis.

7. Eligibility criteria for PEA:

7.1 The combined net worth of the PEA should not be less than 1.5 times of the grant amount sought.

7.2 PEA needs to bring in at least 20% of the total project cost as equity / contribution in general areas and at least 10% of the total project cost in the North East States (including Sikkim) and difficult areas namely Himalayan States (i.e. Himachal Pradesh, Jammu & Kashmir and Uttarakhand), State notified ITDP areas & Islands.

7.3 PEA needs to bring in term loan from the Bank/Financial Institution for an amount not less than 20% of the project cost.

7.4 The land for the project shall be arranged by the PEA either by purchase or on lease of at least 50 years.

7.5 Only one agro-processing cluster will be sanctioned in a district. In case of more than one proposal from same district, the proposal having higher score in the merit based on criteria for assessment as per **Annexure-I** will be considered. However, in case there are more than one proposal with same marks, the proposal with higher equity / contribution (in Rupees term) will be considered.

7.6 Any entity / applicant which has availed financial assistance for a project under this scheme of the Ministry, will not be eligible to apply for another project under same scheme until one year after operationalisation of earlier project.

7.7 The same applicant / entity shall not be sanctioned more than two projects in five years under this scheme of MoFPI from the date of sanction of first project (including first project).

7.8 The promoter(s) of the Agro Processing Clusters approved by MoFPI, will be eligible for availing financial assistance under other schemes of State / Central Governments including MoFPI for setting up of the unit(s) in these cluster(s).

7.9 New Agro processing cluster will not be sanctioned in the same district where CPC of Mega Food Park (MFP) approved by the Ministry is located. The promoters, who have been sanctioned Mega Food Parks by the Ministry, will not be eligible under the scheme for a period of two years from the date of completion of the MFP.

7.10 The proposals, meeting the cut off marks of at least 60 as per the criteria for assessment in the **Annexure-I**, will be considered eligible subject to fulfillment of other conditions prescribed in the Scheme guidelines. The proposals will be selected in order of merit on a monthly basis till the time number of clusters allocated of a state gets exhausted. Further, the proposals will be selected in order of merit of total marks (descending order of total marks) in a particular State.

7.11 Based on the agriculture production of States / UTs, State-wise allocation of 100 agro processing clusters is at **Appendix-A**. However, in case of lack of suitable proposals or non-receipt of proposals from a State / UT, IMAC may decide to allocate more agro processing clusters to that State / UT, over and above the allocated clusters as per **Appendix-A**, in order of merit of score / marks obtained by the eligible proposals.

8. Program Management Agency (PMA)

8.1 In the interest of expeditious implementation of the projects, the Ministry may engage Program Management Agency (PMA) to assist MoFPI for implementation of the scheme. The PMA will be a reputed institution with extensive experience in project development, management, financing and implementation of infrastructure projects of similar nature. The expenses of PMAs, promotional activities, office and travel expenses will be met from the allocation of the grant-in-aid for the scheme.

8.2 The PMA will have the following role:

- i. To assist the Ministry in organizing workshops/media campaigns aimed at sensitizing the potential stakeholders about the scheme.
- ii. To assist the Ministry in inviting applications for projects under the Scheme.
- iii. To assist the Ministry in selection of projects through evaluation/appraisal of techno-feasibility reports and DPRs submitted for projects. Appraisal of the DPRs will include examination of financial viability and sustainability of Ownership & Management structure of the projects.
- iv. To assist in the evaluation of any amendments to the projects/DPRs.
- v. To assist the PEAs in achieving financial closure and obtaining necessary clearances from various authorities for the Project.
- vi. To assist the Ministry in release of the grant under the Scheme.

- vii. To monitor and report the progress of the agro-processing cluster projects to the Ministry periodically.
- viii. To maintain and update the database of the projects on monthly basis in the software decided by the Ministry.

9. Expression of Interest

In response to the notice inviting Expression of Interest (Eoi) by Ministry for selection of Projects, a proposal for the proposed agro-processing cluster will be submitted by the applicant in the prescribed application format (**Annexure-II**) including the information/documents to be covered in the Eois (**Annexure-III**) along with following information/documents:

- (a) Detailed Project Report (DPR) consisting of technical, commercial, financial and management aspect of the project. The proposal would have tentatively identified location of the cluster, availability of land, potential investors for food processing units in the cluster, proposed level of investment including the estimated project cost, the proposed means of finance and the number and type of food processing units along with complete details.
- (b) In-principle or final term loan sanction from any Bank/ Financial Institution including Non-Banking Financial Companies (NBFCs) registered with Reserve Bank of India(RBI).
- (c) A detailed appraisal note from the Bank / Financial Institution including Non-Banking Financial Companies (NBFCs) registered with Reserve Bank of India(RBI).
- (d) Certificate of incorporation/ registration of the applicant firm, Memorandum and Articles of Association in case of Company/ Bye laws of the Society, Co-operative, Self Help Group/ Registered partnership deed, etc.
- (e) Bio-data/background/ experience of the project promoter(s) / PEA.
- (f) Documents in support of net-worth of the PEA and also promoter(s) / proposed shareholder(s) of PEA. The details of each promoter/proposed stakeholder in the PEA shall also be provided as per **Annexure-XII**.
- (g) Annual reports and Audited Financial Statement of Accounts of the applicant firm/company/cooperative/ Partnership/ Self Help Group, etc. for last three years.
- (h) Documents in support of land title in the name of the applicant or land lease, duly registered with the competent authority for not less than the period of 50 years. The proposals having ownership and possession of suitable land with Change in Land Use (CLU) for the project will be given preference.
- (i) Undertaking by PEA as per **Annexure-IV**

Note:

- i. The PEA shall submit the final term loan sanction letter from Bank/FI, within two months from the date of issue of approval letter, in case these documents have not already been submitted along with the proposal.
- ii. All pages of the proposal are to be properly numbered and the proposal should contain an Index as first page of the proposal indicating the various documents submitted along with page number, failing which the proposal is likely to be rejected.

10. Approval of the project:

10.1 Technical Committee (TC) headed by the Special / Additional / Joint Secretary (MoFPI) would scrutinize the proposals and submit its recommendations to the Inter-Ministerial Approval Committee (IMAC). Other members of the Technical Committee (TC) shall be as follows:

- i. Joint Secretary (MIDH), Department of Agriculture & Cooperation or his nominee - Member
- ii. Joint Secretary, Department of Animal Husbandry, Dairying and Fisheries or his nominee- Member
- iii. Chairman, APEDA or his nominee - Member
- iv. Representative of NITI Aayog - Member
- v. Representative of Financial Adviser, MoFPI - Member
- vi. Joint Secretary, MNRE or his nominee - Member
- vii. Principal Secretary / Secretary of the concerned State or his nominee - Member
- viii. NABARD as Financial institution - Member
- ix. Representative of National Horticulture Board - Expert Member
- x. Representatives of IIFPT and NIFTEM- Technical Experts
- xi. Deputy Secretary / Director, MoFPI - Member Secretary

The criteria for evaluation of EOI/ proposals by TC is given at **Annexure-I**.

10.2 The Inter-Ministerial Approval Committee (IMAC) headed by Hon'ble Minister of Food Processing Industries shall select the projects and grant approval to the projects keeping in view the TC recommendations. The IMAC will also monitor the implementation of the projects sanctioned under the Scheme. The composition of the IMAC shall be as follows:

- (i) Hon'ble Minister of Food Processing Industries- Chairperson
- (ii) Hon'ble Minister of State of Food Processing Industries- Vice Chairperson
- (iii) Secretary, MoFPI - Member
- (iv) Additional / Joint Secretary & Financial Advisor, MoFPI - Member
- (v) Special / Additional / Joint Secretary, In-charge, Agro-processing cluster Scheme, MoFPI - Convener & Member
- (vi) Principal Secretary / Secretary (Industries / FPI) of the concerned State or his nominee – Member
- (vii) Joint Secretary (MIDH), Department of Agriculture & Cooperation, Ministry of Agriculture or his nominee - Member
- (viii) Joint Secretary, Department of Animal Husbandry, Dairying and Fisheries or his nominee - Member
- (ix) Joint Secretary, Department of Commerce or his nominee – Member
- (x) Joint Secretary, MNRE or his nominee - Member
- (xi) Representative of NABARD as Financial Expert - Member

11. Role of State Government / UTs:

The role of the State Government / UTs is envisaged in the following areas:

- i. To facilitate PEA in procurement/purchase lease of suitable land.

- ii. Providing all the requisite statutory clearances including permission for sub-leasing of land by PEA, wherever needed, for setting up the agro-processing cluster
- iii. Providing the necessary connecting infrastructure for Power, Water, approach roads and other external infrastructure to the project
- iv. Providing flexible and conducive labour environment and consider special facilities like exemption of stamp duty, Tax exemption etc. for the agro-processing cluster and the units located in the agro-processing cluster.
- v. Monitor the implementation of projects.

12. Dovetailing of Assistance and Revisions in Project Cost:

Considering the complexities and challenges associated with agricultural infrastructure projects of this nature, the PEA may dovetail assistance available under various other schemes of other Central / State Governments, which would improve the viability of the project. While dovetailing such assistance, it will be ensured that there is no duplication of assistance for the same component/activity of the project.

13. Release of Funds:

The grants-in-aid will be released to PEA in four installments as below:

(I). First installment of 35% of the total approved grant will be released to the PEA in the designated Bank account after incurring an expenditure of 35% of the bank term loan and 35% PEA contribution / equity on eligible project cost and submission of following documents:

- a. Establishment of Trust & Retention Account (TRA) and signing the TRA agreement with the designated Bank. Draft TRA agreement will be shared by the Ministry with PEA.
- b. CA certificate for actual expenditure on the components of the basic enabling infrastructure of the project duly certified by the PEA indicating utilization of at least 35% of term loan & 35% PEA contribution / equity as per **Annexure-V**.
- c. **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA (**Annexure-VI**).
- d. **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA (**Annexure-VII**).
- e. **Certificate** from the concerned bank/ financial institution (**Annexure-VIII**) which has sanctioned and disbursed term loan for the project certifying that:-
 - (i). It has disbursed 35% of the total sanctioned term loan and the same being used on the approved components; and
 - (ii). Has no objection for disbursement of 35% of the grant-in-aid being released by the Ministry.

- f. Surety Bond (**Annexure-IX**) to be executed by the PEA on a Non-Judicial stamp paper of not less than Rs.100, duly notarized and signed by two independent witnesses (other than promoters of PEA) along with Board resolution/certificate from Board of Directors/promoters of PEA (as applicable) authorizing one of the directors/partners as authorized signatory of documents. Surety Bond is not required to be executed by the Central / State Government Department.
- g. "Consent to Establish" for the project from Central / State PCB.
- h. PFMS (CGA) Registration of PEA and Mandate Form (**Annexure-X**).
- i. Inspection report of the PMA based on site visit recommending release of the installment.
- j. Any other condition which may be specified from time-to-time.

(II). Second installment of 40% of the total approved grant will be released to the PEA in the designated Bank account after incurring an expenditure of 75% of the bank term loan and 75% of PEA contribution / equity on eligible project cost and submission of the following documents:

- a. Statement indicating 100% utilization of first installment of grant duly signed by the PEA and countersigned by the CA (**Annexure-XI**).
- b. CA certificate for actual expenditure on each of the components of the project duly certified by the PEA indicating utilization of 75% of term loan and 75% PEA contribution / equity.
- c. Details of unsecured loan (along with PAN numbers of lenders) or bridge loan, if any, duly certified by Chartered Accountant and countersigned by the PEA are to be given (**Annexure-V**).
- d. Completion of at least 60% expenditure in basic enabling infrastructure and at least 40% expenditure in core processing facilities / infrastructure.
- e. Statement of TRA from the Bank / Financial Institution relating to the project.
- f. **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- g. **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- h. **Certificate** from the concerned bank/ financial institution which has sanctioned and disbursed term loan for the project certifying that:-
 - (i). It has disbursed 75% of the total sanctioned term loan and the same being used on the approved components; and
 - (ii). Has no objection for disbursement of 40% of the grant-in-aid being released by the Ministry.
- i. Proof of 100% allotment of leasable plots / areas to food processing units and 50% progress in technical civil works of at least two of the units.
- j. Recommendation of PMA after site visit certifying the fulfillment of conditions as per guidelines of the scheme.

- k. Any other condition which may be specified from time-to-time.

(III). Third installment of 15% of the approved grant will be released to PEA in the designated Bank account after incurring an expenditure of 90% of the bank term loan and 90% of PEA's contribution / equity on eligible project cost and submission of the following documents:

- a. Statement indicating 100% utilization of second installment of grant duly signed by the PEA and countersigned by the CA (**Annexure-XI**).
- b. CA certificate for actual expenditure on each of the components of the project duly certified by the PEA indicating utilization of 90% of term loan and 90% PEA contribution / equity.
- c. Details of unsecured loan (along with PAN numbers of lenders) or bridge loan, if any, duly certified by Chartered Accountant and countersigned by the PEA are to be given (**Annexure-V**).
- d. Statement of TRA from the Bank / Financial Institution relating to the project.
- e. Completion of Core Infrastructure Facilities and basic enabling infrastructure.
- f. **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- g. **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- h. **Certificate** from the concerned bank/ financial institution which has sanctioned and disbursed term loan for the project certifying that:-
 - (i). It has disbursed 90% of the total sanctioned term loan; and
 - (ii). Has no objection for disbursement of 15% of the grant-in-aid being released by the Ministry?
- i. Proof of starting of construction work by all the food processing units.
- j. Recommendation of PMA after site visit certifying the fulfillment of conditions as per guidelines of the scheme.
- k. Any other condition which may be specified from time-to-time.

(IV). Fourth & final installment of 10% of the approved grant will be released to PEA in the designated Bank account on completion of the project and submission of following documents:

- a. Statement indicating 100% utilization of third installment of grant duly signed by the PEA and countersigned by the CA (**Annexure-XI**).

- b. CA certificate for actual expenditure on each of the components of the project duly certified by the PEA indicating utilization of 100% of term loan and 100% PEA contribution / equity.
- c. Valid Consent to Operate from Pollution Control Board along with submission of Statutory Clearance(s) / Approval(s) for power, water connections etc.
- d. **Certificate from Chartered Engineer (Civil)** for technical civil works indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- e. **Certificate from Chartered Engineer (Mechanical)** for plant and machinery indicating item wise progress on approved components, cost, quantity, manufacturers/suppliers and comment on quality and status of implementation duly countersigned by the PEA.
- f. Statement of TRA from the Bank / Financial Institution relating to the project.
- g. Proof of setting up and operationalisation of at least five food processing units with an aggregate investment of Rs. 25.00 crore in the cluster along with copies of licenses issued under Food Safety and Standards Act, 2006.
- h. Certificate from the concerned bank/ financial institution which has sanctioned and disbursed 100% term loan for the project certifying that it has no objection for disbursement of 10% of the grant-in-aid being released by the Ministry.
- i. Declaration of completion of the project and start of commercial operation, duly certified by the Bank.
- j. Recommendation of PMA after site visit certifying the fulfillment of conditions as per guidelines of the scheme.
- k. Any other condition which may be specified from time-to-time.

14. Time Schedule:

14.1 The time schedule for completion and operationalisation of project will be 24 months from the date of approval for general areas and 30 months for North East States including Sikkim and difficult areas namely Himalayan States (i.e. Himachal Pradesh, Jammu & Kashmir and Uttarakhand), State notified ITDP areas & Islands, unless extended by IMAC for the reasons to be recorded.

14.2 Schedule for release of grants-in-aid:

Sl. No.	Particulars	Time Period
General Areas		
1.	Date of approval to release of 1 st installment	7 months
2.	1 st installment to release of 2 nd installment	5 months
3.	2 nd installment to release of 3 rd installment	5 months
4.	3 rd installment to release of 4 th installment	7 months
Difficult Areas		
1.	Date of approval to release of 1 st installment	8 months
2.	1 st installment to release of 2 nd installment	7 months

3.	2 nd installment to release of 3 rd installment	7 months
4.	3 rd installment to release of 4 th installment	8 months

14.3 The PEA shall make all possible efforts to complete the project as per the stipulated timelines committed to while seeking approval for the project. In case of non-adherence to stipulated timeline, except in case of force majeure or reasons beyond the control of PEA, penalty shall be imposed.

14.4 In case of non-adherence of time lines, a penalty of 1% of the quantum of installment amount due for release for that installment, will be imposed for each month's delay beyond the stipulated timeline. The maximum amount of penalty, however, shall not exceed 10% of the installment to be released to PEA. However, IMAC will have power to waive the penalty fully or partially in deserving cases.

14.5 In the event of PEA withdrawing from executing the project and the project not being completed by the PEA for any reason, the grant-in-aid amount released will be returned by the PEA along with interest (as per GFR) accrued thereon to MoFPI within 30 days of communication of the order for refund of such grant.

15. Project Monitoring and Evaluation:

15.1 The Ministry will periodically review the progress of the projects under the Scheme.

15.2 Pre and post inspection would also be undertaken by the Ministry officials, PMA and State Govt. to find out the physical, financial and operational progress as and when required.

15.2 The decision of the IMAC shall be final and binding on all concerned parties on the interpretation of the provisions of these guidelines and the matters related / incidental thereto.

16. Court's Jurisdiction:

Any dispute arising out of selection of proposals and implementation of approved project under this scheme guideline will be subject to Courts/ Tribunals having jurisdiction over Delhi.

Criteria for Assessment/ Evaluation of EOIs/ Proposals

Sl. No.	Criteria	Max. Score	Reference Documents to be reviewed
A	Land	50	
A 1	Possession of Appropriate Land	25	
a)	Complete title and possession of land in the name of PEA along with CLU	25	CLU and Land Ownership Documents
b)	Complete title and possession of land in the name of PEA (without CLU)	15	Land Ownership documents
c)	Allotment letter from State Govt. Agencies in the name of the PEA	10	State Govt. land allotment letter
d)	Agreement to Sale/Purchase of Land in the name of PEA	5	Copy of Agreement
e)	Land identified, but not acquired	0	
A 2	Location of Land	25	
a)	Proof of Water and Power Connection (5 marks each)	10	Letter/Certificate from respective Municipal body/Govt. authority
b)	Availability of Approach Road	5	Letter from local body confirming the availability of approach road
c)	Nearness to the location of the crop production cluster	10	DPR/ Cluster Analysis and Project Components / concerned State Govt. Authority letter
B	Viability of Cluster	15	
a)	Synchronization of Core Processing facilities with requirements of food processing units & crops in agro cluster	15	DPR/ Cluster Analysis and Project Components
b)	Synchronization of Core Processing facilities with requirements of food processing units	10	DPR/ Cluster Analysis and Project Components
c)	Synchronization of Core Processing facilities with crops in agro cluster	5	DPR/ Cluster Analysis and Project Components
d)	No synchronization	0	
C	Details of PEA	25	
C 1	Net-worth of PEA	15	Audited Balance Sheet/ CA Certificate/ Related Net-worth Documents
a)	More than 20 crore	15	
b)	Rs 15 cr - Rs 20 cr	10	
c)	Less than Rs. 15 cr	5	
C 2	Food Processing Experience of promoter(s) having at least 10% shareholding in PEA	10	Balance Sheet of existing operations / FSSAI license
a)	Turnover > Rs.5 crore*	10	"

b)	Turnover from Rs. 1 crore to Rs.5 crore*	5	"
c)	Turnover < Rs. 1 crore	3	"
D	Special Strength	10	
a)	Setting up of APC in the clusters identified by DAC&FW (MIDH), APEDA, export oriented clusters identified by Ministry of Commerce or on PPP model	5	Supporting documents
b)	Focus on processing and preservation of perishables in core processing facilities and proposed food processing units in the cluster	5	Supporting documents / DPR / Bank Appraisal
	Total	100	

*Annual turnover of the promoter claiming food processing experience shall be in at least two of the years out of previous three years.

APPLICATION FORM**1. Details of the applicant:**

Sl. No.	Particulars	Details
i.	Name of company/firm with complete contact details / address, Tel/Fax No. , Mobile No., E-mail	
ii.	Legal status of applicant (Govt. Institution / organization / PSUs, Joint Venture, NGO, Co-operative/ Company/ partnership firm/ proprietorship, Farmer Producer Company, Self Help Group, etc.)	
iii.	Registration No. /CIN	
iv.	PAN / TIN /TAN	
v.	Aadhar Registration No.	

2. Details of the Director(s)/ Promoter(s)/Partner(s) of PEA

Sl. No.	Name of Promoter(s)/Partner(s)	Address	Tel/Fax No. /Mobile No. /E-mail	Aadhar No.	PAN No.	Shareholding pattern	Net-worth
Please add additional rows, if needed.							

3. Experience of the lead Promoter(s)/Partner(s) of PEA in Food / agro produce processing

Sl. No.	Name of lead Promoter(s)/Partner(s)/ Applicant Entity	Details of Experience	Details of Turnover (year-wise)	Supporting Document attached, if any (Yes/No)

4. PROFILE OF THE PROPOSED PROJECT:**(a). Details of location of Agro processing cluster proposed to be set up**

- (i). Proposed location of land for agro cluster (Name Village/Dist./state)
- (ii). Area of Land required (In acres)

- (iii). Status of possession (Owned/ leased**)
- (iv). Status of Land Use Conversion (CLU)
- (v). Proof of water and power connection
- (vi) Availability of Approach Road
 - (vii) Connectivity Details. Distance (in Kms.) from: National Highway; State Highway; Freight corridor, Golden Quadrilateral, nearest agri-horti clusters
- (viii). Coordinate Details (Longitude & Latitude)
- (vxi). Agro commodities to be sourced

(b). Proposed Core Processing facilities in Agro processing cluster

Sl. No.	Type of facilities proposed to be created *	No.	Total Capacity [MT, where ever applicable]	Built-up Area	Estimated Investment	No. of Days of operation of each facility in a year
i.	CA Store					
ii.	Normal cold store/ warehouse					
ii.	Frozen store					
iv.	Pre-cooling Chambers					
v.	Sorting, Grading, Waxing, Weighing, Packing facility					
vi.	Ripening Chambers					
vii.	IQF					
viii.	Blast Freezing					
	Any other facilities as per the requirement of food processing units in the cluster					

* Only indicative list.

(c). Food processing units proposed

Type of food processing units	No. of units	Land to be allotted	Product mix	Estimated investment (In crore)	Estimated turnover (In crore)	Estimated employees	
						Direct	In-direct

(d). Enabling basic Infrastructure

Type of infrastructure	Capacity /Built-up Area	Estimated Investment

(e). Non-core Infrastructure

Type of infrastructure	Capacity /Built-up Area	Estimated Investment

(f). Utilities Requirement:

Utility	Units	Requirement
Power (maximum demand)	KW	
Water- industrial	Kilo Liters / Day	
Water- potable	Kilo Liters / Day	
Gas	Cubic Meters / Day	
Telephone (including fax)	No. of lines	
Waste disposal requirement (solid)	Kg / Day	
Waste disposal requirement (effluents)	Kilo Liters / Day	

5. PROJECT FINANCIALS AND BUSINESS PLAN:**(a). Estimated Project Cost Details**

Item	Amount (Rs. in crore)
Land	
Land development	
Basic enabling Infrastructure	
Core Processing Infrastructure	
Non-core Infrastructure	
Other pre-operative expenses	
Margin money for working capital	
Contingencies/ pre-operative expenses	
Total	

(b). Proposed Means of Finance

Source	Amount (Rs. in crore)
PEA's contribution / equity	
Bank loan	
Grants-in-aid from MoFPI	
Unsecured Loan/ Bridge Loan	
Total	

(c). Basic Revenue Projections

Item	Year 1	Year 2	Year 3	Year 4	Year 5
Days of operations of each of the core facilities					
Revenue earning from different facilities					
Turnover					
Cost of operations					
Gross profit					
Profit before taxation					

(d). Financial Parameters (as per Bank Appraisal Note)

S No.	Particulars	Details (Ratio/%)	Ref Page No. in DPR*
i.	Internal Rate of Return (IRR) - with grant - without grant]		
ii.	Avg. Debt Service Coverage Ratio (DSCR)		
iii.	Break Even Point (BEP)		
iv.	Debt-Equity Ratio		

(e). Other Details:

Proposed strategy/methodology for building supply chain to ensure supply of raw materials to the food processing units inside agro cluster, including estimated quantities	
Available raw material crop-wise in the catchment area indicating source of data	
Crop matrix for seasonal availability of raw materials indicating source of data	
Estimated turnover of the proposed food processing units covered in the project	
Any other relevant details / documents	

6. No. of farmers expected to be benefited

7. Employment Generation projections

- a. Direct Employment:
- b. Indirect Employment :

8. Details of renewable/ alternate energy sources including solar energy, if any, proposed to be used for operating the project including inter alia, details of power generation.

Signature of the authorized representative of PEA

Date: _____

Place: _____

The list of the Points / Information to be covered in the Eols / Proposals

1. Profiles of the applicant firm / company

- 1.1. Names and brief profiles of the proposed promoters of PEA along with their contact details.
- 1.2. Indicate the nature and location of existing operations of the Promoters.
- 1.3. Audited balance sheets for last 3 years and current year audited balance sheet or Chartered Accountant (CA) Certificates that would establish the net worth of each of the promoters / PEA along with supporting documents as mentioned in Para-4 of this Annexure. In case of companies, CA certificates need to be certified by their statutory auditors.
- 1.4. A brief note as to why the promoters are keen to undertake the Agro Processing Cluster, their vision etc.
- 1.5. Any other relevant information that would establish the credentials and suitability of the promoters / PEA in the context of the Scheme.

2. Profile of the Proposed Project

- 2.1. Rationale for proposed cluster/location in terms of availability of agricultural produces and marketable surplus, with focus on perishable produces.
- 2.2. Proposed Area and availability of requisite land for establishment of Agro Processing Cluster.
- 2.3. Selection of site needs to be justified in terms of connectivity and availability of basic infrastructure including power, water, approach road etc.
- 2.4. In case of land being available with PEA, proof of possession of land in form of sale deed/lease deed (CLU if applicable).
- 2.5. Details of the proposed core processing facilities and rationale for their selection in terms of availability of raw materials/market and type of food processing units being targeted.
- 2.6. Details of proposed enabling basic infrastructure including requirements of basic utilities like power, water, effluent treatment along with rationale in terms of overall business plan
- 2.7. Details of proposed non-core infrastructure and their justification
- 2.8. Above details for various project components should include area required, estimated capacities and costs for various facilities
- 2.9. Proposed strategy/methodology for building supply chain to ensure supply of raw materials to the food processing units inside agro cluster, including estimated quantities
- 2.10 Estimated turnover of the proposed food processing industry units covered in the project, after successful execution of the project
- 2.11 Estimated direct and indirect employment generation out of implementation of the project, and other impact on the industry and farm produce in the project area such as no. of farmers would be benefited, quantum of agri-horti produce to be handled and also processed per year in the cluster including in the food processing units proposed to be set up in the cluster etc.
- 2.12. Any other related information.

3. Project Financials and Business Plan

- 3.1 Summary of estimated cost of each of the eligible components of the project for funding by Government as outlined in the Scheme
- 3.2 Proposed means of finance to fund the project: equity, debt etc
- 3.3 The amount of grant support needed for the project, as per the Scheme
- 3.4 Tie-ups with Financial Institutions/Banks, if any, for funding of the Project
- 3.5 Proposed Business Plan –Estimated revenue sources and assumptions, Estimated operating costs and assumptions, Projected profit and loss statements, balance sheets and cash flows based on these assumptions
- 3.6 Key financial indicators such as IRR, DSCR based on above financial assumptions

4. Documents in support of network:

The net worth will be calculated as follows: -

(I). In respect of Pvt. Ltd./ Public Ltd. Companies:

(a). The net worth will be ascertained based on the paid-up share capital of the company and reserves created out of profits.

(b). Revaluation reserves only in respect of land & building may be considered for ascertaining the net worth, which will be based on circle rates duly supported by circle rate notification and land ownership documents. Such revaluation reserves shall also be reflected in forward going balance sheet of the company.

(c). Share application money would be considered towards calculation of net worth provided the same has been converted into Paid up Capital within stipulated time as per Companies Act but, in any case, it should be converted into paid up capital before submission of the proposal to the Ministry.

(d). A latest provisional balance sheet duly certified by the Statutory Auditor of the Company needs to be submitted for ascertaining the net worth.

(e). In case of Pvt. Ltd./ Public Ltd. Companies where a significant portion of its net worth stands invested in equity shares of unlisted companies or is shown as loans & advances to various parties with nil or negligible income/revenue, then following additional documents would be required to be submitted by the applicant to ascertain the net worth:-

- i. Details of Investments made in unlisted companies by the applicant company,
- ii. Audited Financial Statements (AFS) for the previous year or latest provisional Balance Sheet of the companies wherein the investment has been made,
- iii. Details of loans & advances along with reasons/justification for the same,

- iv. In case it is observed that the equity contribution made by the promoter company has been utilised by the investee company in creating tangible assets/ Capital work in progress in projects which are under execution then such investments in shares would be considered at face value.
- v. However, in case it is observed that the investment by the promoter company is further being reinvested by the investee company in equity shares of unlisted companies or given away as long term/short term advance to individuals/related party/other companies and the investor company has nil/negligible income/ revenue, then no additional clarification shall be asked for and the net worth of such promoter company shall be considered after deducting such investments/loans & advances

(f). In case of newly formed companies (Limited / Pvt. Ltd.), Net-worth of individual promoter(s)/director(s)/ shareholders(s) will be considered to assess the combined net-worth of PEA.

(II). In respect of Proprietorship/ Partnership firms / NGOs / Cooperatives/ SHGs / LLPs etc.

The net worth of all entities other than companies will be ascertained on the basis of latest balance sheet of individual proprietor/partner(s) i.e. assets minus all liabilities, duly certified by the Chartered Accountant (CA). Assets include cash, current value of investments, land and building (supported by valuation report at circle rate, circle rate notification and land ownership documents), Bonds, cash value of life insurance, current total balance of savings, current or fixed deposit accounts. The following methodology shall be adopted for determining the net worth:

- a. Net-worth would be sum of the net-worth of the Individual partners and the partnership firm (avoiding duplication of the investment in the partner's capital account of the firm) & the investments of each individual partner towards the partnership firm.
- b. If the applicant is ongoing partnership/proprietorship firm and the applicant has submitted audited balance sheet of such partnership/proprietorship firm, net worth based on the audited balance sheet will be taken into consideration. However, if the net worth as per balance sheet is insufficient then the CA certified statement of Assets and Liabilities of the individual Partners/Proprietors will be taken into consideration provided assets are supported by relevant documents as per the guidelines.
- c. However, since in a partnership/proprietorship firm, liability of partners/proprietors is unlimited, therefore the applicant should submit CA certified "Nil Liability Statement" or Statement of "Assets and Liabilities" of the individual partners/proprietors and the net liabilities based on these statements will be deducted while ascertaining the net worth.

(III). The aforesaid net worth components need to be supported by relevant documents

(IV). Shares of unlisted companies will be considered at face value for net worth and shares of listed companies will be considered based on the average market price of the share for a period of 6 months prior to date of submission of proposal.

(V). Assets such as car, jewellery, antiques, gold etc. would not be considered for net worth.

(VI). Loans and advances given to group companies/related concerns/individuals will also not be considered towards computation of net worth.

(VII). In the case of proposed shareholders, if there is cross holding of the net-worth amongst the Members (e.g. both a company as well as the shareholders that company are the proposed shareholders), the net-worth of the company would be considered in full, however, net-worth of the individual would be considered only to the tune after discounting its shareholding in the company which is a proposed shareholder.

(VIII). The applicant(s) will have to give a self-certification regarding the details of the encumbrance of the property submitted by them towards the net worth.

UNDERTAKING

I (Name of the Lead Promoter/ Director/ Partner/ Proprietor etc.) son of Mr..... (father's name) resident of (residential address) do hereby solemnly affirm and declare/undertake as under:

1. That I am promoter/ director/ partner/ proprietor of M/s..... (name of applicant) having its Registration no.and Registered Office at (office address of applicant).
2. I hereby make application and I am duly authorized in my own right/by management vide its resolution no.dated.....to apply and sign all required documents including this undertaking on behalf of company/partnership firm/cooperative society etc. named as; and am fully aware of the facts relating to the setting up of Agro-processing Clusters project at Survey/ Plot No....., Village....., Tehsil....., District....., State....., PIN code (location of the main facility) for.....(activities to be undertaken by project) and application is being made to the Ministry of Food Processing Industries (MoFPI) under the Central Sector Scheme for Agro-processing Clusters.
3. That the term and conditions of the above scheme of the MoFPI under which an application is made by the applicant have been properly read and understood by me and I affirm that the project/ proposal comply with all the terms and conditions of the approval letter and provisions enshrined in the scheme guidelines.
4. That the proposed activities to be undertaken by the project/proposal are covered under the above scheme of MoFPI and no part of the scheme/infrastructure of the project is designed or assigned to be used for any activity other than the activities specified in the application at present or in the near future.
5. It is certified that (name of applicant) has obtained / not obtained or applied for grants for the same component / activity of the project from any other Ministry or Department of the Government of India or State Government or their agencies. If obtained / applied for, the details thereof.
6. It is certified that applicant's sister concern (s)/ related company / group company/firms as well as the applicant itself has availed / not availed any financial assistance for a food processing project in the past from MFPI [if availed, the details shall be furnished separately].
7. I also solemnly affirm/undertake that the proposed project components in the application are a completely new activity and not a pre-existing activity or any component thereof.
8. In case of concealment of any facts in this regard, the Ministry would have right to reject/ cancel my application/project out right at any stage.
9. I will meet any shortfall in means of finance due to less admissibility of grant or any future reduction in grant-in-aid or any escalation caused in the cost of the project.

10. I shall not dispose-off or encumber or utilize the assets created wholly or substantially out of government grant for purpose other than those for which they have been sanctioned, without obtaining the prior approval of the sanctioning authority of grant-in- aid.
11. In case of non-implementation/ delayed implementation of the project the Ministry will have absolute right in cancelling the approval granted and also recall the grant released, if any, along with interest as per the scheme guidelines.
12. In case of failure to operate the project for at least three years after commencement of commercial operation, I shall return the entire grant-in-aid with interest @ 10% per annum.
13. User charges/hiring rates of the facilities created under the project will be disseminated to the public including uploading of the same on the website of the project/ organization. A copy of the same will also be made available to the Ministry.
14. I also undertake that all the information furnished in the application and the DPR with respect to the eligibility conditions, etc. are true and correct to the best of my knowledge and belief and nothing material has been concealed therefrom.

Date: _____
Place: _____

Signature of the PEA / Lead Promoter

**CA Certificate Format
(Letter Head of the CA)**

CA certificate (With membership No. and firm registration No. of CA) in the following format:-

i. Project Cost: (Rs. in lakh)

Sl. No.	Name of the Component/Item	Cost approved by the Ministry	Actual expenditure incurred as on -----
1.	Land/development charges		
2.	Civil works 7. Technical civil works 8. Other civil works		
3.	Plant & Machinery		
4.	Misc. Fixed Assets		
5.	Others		
	TOTAL		

ii. Means of Finance: (Rs. in lakh)

Sl. No.	Item	Means of finance approved by the Ministry	Actual expenditure incurred as on -----
1	PEA's Equity		
2	Term Loan		
3	Grant from MoFPI		
4	Unsecured loan*		
5	Others		

*Details of unsecured loans along with PAN No. of lenders, if any, duly certified by CA.

Signature and Seal of C.A (Statutory Auditor in case of company)

Date: _____

(The certification by CA should be based on the verification of books of accounts, bills, invoices, work orders, bank statements, etc. related to the project.)

Counter signature of promoter/ authorized signatory of PEA with Seal

Annexure to CA certificate certifying details of payments made for Plant & Machinery and Technical Civil Work

Sl. No .	Name of Party	Component s	Voucher /Bill no.	Date of V oucher/Bi ll	Basic Cost (o nly for P&M)	Taxes, freight, i nstallations, in surance costs (for P&M)	To tal C os t	Date of P ayment a s per ban k stateme nt	Mod e of Pay ment

Annexure-VI

**CE Certificate (Civil) Format for Technical Civil Work
(Letter Head of the CE)**

CE certificate (With membership/registration No. of CE) in the following format:

Name of Project:

Location with address:

Date of site Visit by Chartered Engineer:

Project Progress: (If project has multiple locations, the location wise details should be submitted in below format for each location)

Sl . N o.	Name of Co mpon ent	Propos ed/ appr aised Ar ea (sqm)	Propos ed/ appr aised C ost (Lak h Rs)	Actu al Ar ea(s qm)	Act ual Cos t(La kh Rs)	Rate/ Unit(Rs/S qm)	Remarks about the status of i mplement ation	Comments on quality, constr uction standar ds, market rate s
	Total							

It is certified that the material/ components used in the Technical Civil Work are new.

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of PEA with Seal

**CE Certificate (Mechanical) Format for Plant & Machinery
(Letter Head of the CE)**

CE Certificate (With membership/registration No. of CE) in the following format:-

Name of project:

Location with address:

Date of Visit by Chartered Engineer:

Project Progress (If project has multiple locations, the location wise details should be submitted in below format for each location)

Sl. No.	Name of Component	Proposed/ appraised Quantity	Proposed/ appraised Cost (Lakh Rs)	Actual Quantity	Actual Cost (Lakh Rs)		Supplier/ Manufacturer	Status of implementation	Comments on quality, specifications, etc.
					Basic Cost	Taxes, Freight, installation, insurance			
	Component - 1							Such as: <ul style="list-style-type: none"> • Ordered • Received at site • Installation in progress • Installed • Commissioned 	
	Component - 2								
	Component - 3								
	TOTAL								

It is certified that all the plant and machinery for which grant has been approved are new.

Signature and Seal of C.E.

Counter signature of promoter/ authorized signatory of PEA with Seal

(Letter Head of the Bank)

Certificate

1. Certified that this bank has appraised the project of M/s.....(Name and Address of the project) for grant as per scheme guidelines of the Ministry of Food Processing Industries and also sanctioned term Loan of Rs.lakh.
2. It is further certified that we have released Rs.lakh (---% of sanctioned term loan) and Rs.....lakh (1st/ 2nd Installment of grant-in-aid) to M/s (Name and Address of the project).
3. We have no objection in releasing 1st/ 2nd (delete whichever not applicable) installment of grant.

Signature with seal
(Name of authorised signatory)
(Branch Name)

Counter Signature of promoter/ Authorized
Signatory of PEA with seal

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s _____, a _____ (Type of organization) incorporated / registered under the _____ (Name of the Act) and having its registered office at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of Rs. _____ (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand _____

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing Industries' Sanction Order No. _____ Dated _____ (hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and copy whereof is annexed hereto and marked as Annexure-I, agreed to make in favour of the Obligors grants-in-aids of Rs. _____ (Rupees _____ Only) for the purpose of _____, (description of the project) at _____, out of which the sum of Rs. _____ (Rupees _____ only) have been paid to the Obligors (the receipt of which the obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms and conditions of the grants-in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aid and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the grants-in-aid with interest of 10% per annum thereon, if a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @ 10% per annum shall be charged up to the date of its refund to the Government, unless it is agreed to be carried over.

The obligors agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive/ have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created/ acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligors.

AND These Presents Also Witness that the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligors and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____ Dated _____ passed by the governing body of the Obligers, a copy of whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the president on the date appearing below:-

Signature of AUTHORIZED SIGNATORY
SIGNED FOR AND ON BEHALF OF
(Name of the obliger in block letters)
(seal/ stamp) of Organization)

1. Signature of witness
Name & Address

2. Signature of witness
Name & Address

TO BE FILLED UP BY
THE MINISTRY OF FOOD PROCESSING INDUSTRIES (ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Notary Seal & Signature

Dated: _____

Mandate Form**ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) /REAL TIME GROSS
SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS****DETAILS OF ACCOUNT HOLDER:**

NAME OF ACCOUNT HOLDER	
COMPLETE CONTACT ADDRESS	
TELEPHONE NUMBER/FAX/EMAIL	

BANK ACCOUNT DETAILS:-

BANK NAME	
BRANCH NAME WITH COMPLETE ADDRESS	
TELEPHONE NUMBER AND EMAIL	
BRANCH'S IFSC CODE	
TYPE OF BANK ACCOUNT (SB/CURRENT/CASH CREDIT)	
COMPLETE BANK ACCOUNT NUMBER (LATEST)	
MICR CODE OF BANK	

DATE OF EFFECT:-

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the Ministry of Food Processing Industries responsible.

Date**Signature of Customer**

Certified that the particulars furnished above are correct as per our records.

(Signature and Seal of Bank / Financial Institution)

(Note: Please attach a self-attested photocopy of cheque along with the verification obtained from the bank)

Statement indicating expenditure / utilization of the grant-in-aid released

Certified that Rs. _____ of grant-in-aid sanctioned by the Ministry of Food Processing Industries towards first / second installment of grant-in-aid in favour of _____ has been utilized for the purpose for which it was sanctioned.

Signature of Authorized Signatory of PEA with Seal

Date_____

Countersigned of Chartered Accountants with CA registration number

Net-worth Certificate

This is to certify that networth of Mr./Mrs./Ms. -----

S/D/W/o Mr./Mrs. -----resident of---

having PAN #-----and Aadhar #-----and having date of birth--

is Rs. _____ lakh (Rupees-----

lakh only) as on _____ as per the computation given hereunder:

Computation of Net Worth as on _____

Rs. lakh

Sl. No,		Particulars	List	Sub-total	Grand Total
I		Assets			
	A	Fixed Assets (landed properties, other than agricultural land)	A		
	B	Other Assets			
	a	Value (approx.) of Investments in shares and securities of various outside companies and Family Owned Companies / Business Establishments	B		
	b	Investment in Mutual Funds	C		
	c	Savings / Investments (Bank / Post Office deposits, Insurance policies, National Pension Scheme, PPF, etc.) (Paid up premium value for insurance policies)	D		
	d	Personal Jewelleries (at cost)	E		
	e	Personal Vehicles (at cost)	F		
	f	Other Assets (specify)			
I		Total Assets (A + B)			

Rs. lakh

Sl. No.	Particulars	List	Sub-total	Grand Total
II	Liabilities			
A	Borrowings from Bank	G		
B	Borrowings from other sources Unsecured loan			
C	Other liabilities (specify)			
II	Total Liabilities			
III	Networth (I - II)			

IV Guarantees (personal) issued

Sl. No.	Guarantee Deed executed with/issued to	Guarantee issued in favour of	Purpose of loan	Amount of loan (Rs. 'lakh)	Date of execution I issue of Guarantee
	Total				

V. Adjusted Tangible Networth [I - (II + IV)] (Rs. 'lakh):

It is further certified that computation of Networth based on my scrutiny of records and documents is true and correct to the best of my knowledge and belief and as per the information provided to my satisfaction.

All the Lists referred above form an integral part of this certificate.

For Chartered Accountants

Seal

Place:

Date:

Proprietor I
Partner
Membership
No.

Details of Assets and Liabilities

List A (Landed properties / other than agricultural lands)

Sl. No.	Nature of property (commercial plot / commercial building / residential plot / non-agricultural land / apartment / independent house, etc.)	Area (acre, sq. m.)	Location and Address	Value as per Govt. Circle Rate declared within period of 30 days prior to signing of this certificate Rs. lakh	Liability, if any, on this property

List B (Investments in shares and securities of various outside companies and Family Owned Companies / Firms, etc.)

Sl. No.	Company / Firm	No. of shares / bond held	% shareholding if it is > 10%	Present Value (as on date of signing of this document)
	Listed Companies			
	Unlisted Companies			
	Family Owned Business / Firm			

- Value of shares of unlisted companies to be reckoned at cost
- Value of shares of listed companies to be reckoned at market value as on date of signing of this document

List C (Investments in Mutual Funds)

Sl. No.	Name of the Asset Management Company of the Mutual Fund / Firm	Name of the Fund / Scheme	No. of units / shares / bonds held	Present market value of unit / share / bond (as on date of signing of this documents)

List D (Savings / Investments such as Bank Post Office deposits, Insurance policies, National Pension Scheme, PPF, etc.)

Sl. No.	Nature of Savings / Investments	Present Value (as on date of signing of this document)

List E Personal Jewelleries (at cost)

Gold Ornaments Gold Bullion Silver Diamond, etc.	Net Weight	Valued at cost

List F Personal Vehicles (at cost)

Type, Brand, Make of Vehicle	Date of Purchase	Valued at cost

List G Borrowings from Banks

Bank, Branch, IFS Code	Purpose (Education, housing, vehicle, business, etc.)	Loan amount sanctioned	Loan repayment period	Outstanding Balance as on date of signing of this document

State-wise ceiling limit of Agro Processing Clusters (APC)

Sl. No.	State	No. of APC revised by IMAC 05.03.19	No. of APC as per revised allocation (proposed)	No. of APC as per IMAC decision dated 18.12.2019
1	Andhra Pradesh	5	5	3
2	Assam	2	2	2
3	Bihar	5	5	2
4	Chhattisgarh	2	1	1
5	Goa	1	1	1
6	Gujarat	5	3	3
7	Haryana	5	3	3
8	Himachal Pradesh	1	1	1
9	Jammu & Kashmir	1	1	1
10	Jharkhand	2	1	1
11	Karnataka	5	4	4
12	Kerala	2	1	1
13	Madhya Pradesh	6	4	4
14	Maharashtra	8	6	6
15	Orissa	3	1	1
16	Punjab	5	3	3
17	Rajasthan	5	5	3
18	Tamil Nadu	5	3	3
19	Telangana	2	1	1
20	Uttar Pradesh	12	12	7
21	Uttarakhand	1	1	1
22	West Bengal	6	6	1
23	Arunachal Pradesh	1	3	3
24	Manipur	1		
25	Meghalaya	1		
26	Mizoram	1		
27	Nagaland	1		
28	Tripura	1		
29	Sikkim	1		
30	A & N Islands	4	2	2
31	Chandigarh			
32	D & N Haveli			
33	Delhi			
34	Daman & Diu			
35	Lakshadweep			
36	Pondicherry			
37	Ladakh			
Total		100*	75**	58***

*CCEA approved 100 number of APCs against allocation of Rs. 750 crore.

**Allocation of scheme has been revised from Rs. 750 crore to Rs. 562.50 crore and accordingly, number of APCs to be sanctioned has also been revised to 75.

***Excluding 17 proposals kept in pool as per IMAC decision dated 18.12.2019. These 17 slots will allotted to better performing States / UTs by IMAC on the case to case basis.

Indicative list of clusters identified by MIDH, DAC&FW

PACKAGE A. Perishables:

Sl. No.	Product	Region	State	District
1	Apple	North	J&K	Shopian Kupwara, Baramulla
			Himachal Pradesh	Kullu Kinnaur
2	Mango	West	Gujarat	Junagarh Valsad, Navsari
			Maharashtra	Ratnagiri, Sindhudurg
		North	Uttar Pradesh	Meerut, Saharanpur Lucknow, Malihabad
		South	Telangana	Rangareddy, Mehboobnagar Warangal
			Andhra Pradesh	Chittoor, Kurnool Krishna
3	Pineapple	North	Tripura	Siphahijala
			Nagaland	Dimapur
		South	Kerala	Wayanad
			Karnataka	Uttara Kannada
4	Pomegranate	South	Andhra Pradesh	Anantapur, Kurnool
			Karnataka	Bijapur, Chitradurga
		Central	Madhya Pradesh	Khargone, Khandwa, Burhanpur
		West	Maharashtra	Solapur, Ahmednagar, Pune
5	Orange	West	Maharashtra	Nagpur, Amravati, Wardha

PACKAGE B. Highly Perishables

Sl. No.	Product	Region	State	District
1	Banana	South	Kerala	Thrissur, Wayanad Thiruvananthapuram
			Andhra Pradesh	Kadapa, Anantapur
			Tamil Nadu	Trichy, Theni, Pollachi
		West	Maharashtra	Jalgaon, Kolhapur, Solapur
			Gujarat	Bharuch, Narmada, Surat

2	Grapes	West	Maharashtra	Pune,Nashik,Sangli
3	Litchi	North	Bihar	Muzzafarpur
4	Strawberry	West	Maharashtra	Satara
		North	Meghalaya	Shillong,RiBhoi

PACKAGE C. Priority Vegetables

Sl. No.	Product	Region	State	District
1	Onion	West	Maharashtra,	Nasik
			Rajasthan	Awar
		Central	Madhya Pradesh	Indore Sagar,Damoh
2	Potato	North	Uttar Pradesh	Agra, Farukhabad
			Punjab	Jalandhar, Hoshiarpur, Kapurthala Navashehar
		Central	Madhya Pradesh	Indore Gwalior
		West	Gujarat	Banaskantha, SabarKantha
3	Tomato	South	Andhra Pradesh	Chittoor
			Karnataka	Kolar, Chikkaballapur
		Central	Chattishgarh	Raipur
		North	Haryana	Karnal
		West	Maharashtra	Nashik

List of clusters identified by APEDA, Ministry of Commerce & Industry

Sr. No.	State	Product	Districts
1	AP	Poultry & Poultry Products	Rangareddy, West Godawari and Chittoor
2	Bihar	Vegetables (fresh/IQF/dehydrated)	Saran, Muzaffarpur, Samastipur, Vaishali and Patna
3		Honey	Saran, Muzaffarpur, Samastipur, Vaishali and Patna

4	Gujarat	Vegetables (fresh/IQF/dehydrated)	Surat, Navsari, Valsad, Bharuch and Narmada
5		Banana	Bharuch, Khera, Narmada and Anand
6	Jharkhand	Vegetables (fresh/IQF/dehydrated)	Hazaribagh, Lohardaga, Ranchi and Ramgarh
7	Maharashtra	Vegetables (fresh/IQF/dehydrated)	Pune, Satara and Nashik
8		Pomegranates	Solapur, Sangli, Ahmednagar, Pune, Nashik, Latur, Aurangabad, Beed and Osmanabad
9		Poultry & Poultry Products	Pune, Solapur, Satara, Raigarh and Sangli
10		Banana	Kolhapur and Solapur
11	Punjab	Vegetables (fresh/IQF/dehydrated)	Fatehgarh Sahib, Patiala, Sangrur, Ludhiana, Amritsar and Hoshiarpur
12	Tamil Nadu	Banana	Theni and Trichy
13		Poultry & Poultry Products	Namakkal and Udumalpet
14	UP	Vegetables (fresh/IQF/dehydrated)	Lucknow, Unnao, Hardoi, Sitapur and Barabanki
15	West Bengal	Vegetables (fresh/IQF/dehydrated)	Nadia, Birbhum, Bardhaman, 24 Parganas, Midnapur and Kolkata
16		Dried flowers	Jalpaiguri, Coochbehar, South 24 Parganas, Birbhum and Nadia

The list of product-district clusters identified by Department of Commerce, Ministry of Commerce and Industries for export promotion under Agriculture Export Policy 2018

Product	Region	State	District
Banana	South	Kerala	Thrissur, Wayanad, Thiruvananthapuram
		Andhra Pradesh	Kadapa, Anantapur
		Tamil Nadu	Trichy, Theni, Pollachi
	West	Maharashtra	Jalgaon, Kolhapur, Solapur
		Gujarat	Bharuch, Narmada, Surat
Pomegranate	South	Andhra Pradesh	Anantapur, Kurnool
		Karnataka	Belgaum, Mysore
	West	Maharashtra	Solapur, Ahmednagar, Pune
	Central	Madhya Pradesh	Khargone, Khandwa, Burhanpur
Mango	West	Maharashtra	Ratnagiri, Sindhudurg
		Gujarat	Junagarh, Valsad, Kutch, Navsari
	North	Uttar Pradesh	Saharanpur, Meerut, Lucknow
	South	Telangana	Rangareddy, Mehboobnagar, Warangal
		Andhra Pradesh	Krishna, Chittoor, Kurnool
Grapes	West	Maharashtra	Pune, Nasik, Sangli
Rose Onion	South	Karnataka	Bangalore Rural, Chikkaballapura
Onion	West	Maharashtra	Nasik
	Central	Madhya Pradesh	Indore, Sagar, Damoh
Potato	North	Uttar Pradesh	Agra, Farukkabad
		Punjab	Jalandhar, Hoshiarpur, Kapurthala, Navashehar
	West	Gujarat	Banaskantha, SabarKantha
	Central	Madhya Pradesh	Indore, Gwalior
Tea	East	Assam	Tinsukia, Sibsagar, Dibrugarh
Coffee	South	Karnataka	Chikkamagaluru, Kodagu, Hassan
Marine products	South	Andhra Pradesh	East Godavari, Vishakapatnam, West Godavari, Nellore
	East	Odisha	Jagatsinghpur, Bhadrak, Balasore
	West	Gujarat	Kutch, Veraval, Navasari, Valsad
Chilli	South	Telangana	Khammam, Warangal

		Andhra Pradesh	Guntur
Turmeric	South	Telangana	Nizamabad, Karimnagar
		Kerala	Wayanad, Alleppy
	East East	Meghalaya	West Jaintia Hills
		Odisha	Kandhamal
Cumin	West	Gujarat	Banaskantha, Mehsana
	North	Rajasthan	Jalore, Jodhpur, Barmer, Nagaur, Pali
Pepper	South South	Kerala	Wayanad
		Karnataka	Chikmagalur
Cardamom	South	Kerala	Idukki
Isabgol	North	Rajasthan	Jodhpur, Nagaur, Barmer, Jaisalmer
Castor	West	Gujarat	Banaskantha, Kutch, Patan, Sabarkantha, Mehsana
Orange	West	Maharashtra	Nagpur, Amravati, Wardha

Note: The list of clusters provided above is tentative and could be expanded, provided the conditions for formation of cluster are met.

No. Y-18/7/2020
Government of India
Ministry of Food Processing Industries
Scheme for Creation of Backward & Forward Linkages

Dated : 04.06.2020

NOTICE

Subject : Virtual Inspection through Video Conference (VC) instead of physical inspection for release of installments of approved ongoing projects under the Scheme for Creation of Backward & Forward Linkages -reg.

Under the circumstances posed by COVID-19 and as a safety measure against the same, the Ministry has decided the following w.r.t. the release of installments for ongoing projects under the Scheme for Creation of Backward & Forward Linkages :

- a. The physical site inspection prescribed in the Scheme Guidelines will be replaced by virtual site inspection through video conferencing with promoter in presence of lending bank official. The video will be recorded and uploaded for office reference.
 - b. The promoter shall submit GPS enabled site photographs of the approved components under the project which will be verified during Video Conferencing.
 - c. All required documents for the installment claim as prescribed by the Scheme Guidelines as well as Structural Drawings of the plant, Machine Certificates and LR Copies must be submitted by the promoter at least 3 days prior to scheduled Virtual Inspection.
 - d. The release of grant installment must be commensurate with the physical progress at project site and the same will be verified during Video Conferencing.
2. Further, first and second installments will be released to ongoing projects based on the above points. However, as various complexities are involved in release of third installment, it has been decided that only part payment will be made as of now. The percentage of the part payment will be decided at higher level in the Ministry on case to case basis.
3. The above procedure for release of installment of grant-in-aid shall remain valid until further orders and will be subject to timely review based on Government Guidelines on COVID-19.

(Kuldeep Kumar Singh)

Deputy Secretary to Government of India
(kuldeepkrsingh-cwc@nic.in)

File No: F-11014/2/2016-FTL (C. No: 314384)

भारत सरकार/Government of India

खाद्य प्रसंस्करण उद्योग मंत्रालय / Ministry Food Processing Industries

पंचशील भवन / Panchsheel Bhawan,

अगस्त क्रांति मार्ग / August Kranti Marg

नई दिल्ली/New Delhi-110049

Dated: 22/9/2020

Subject: Modified Scheme guidelines for the Scheme for Setting Up/ Up gradation of Food Testing Laboratories of Pradhan Mantri Kisan Sampada Yojana (PMKSY).

Ministry of Food Processing Industries (MoFPI) is implementing a Central Sector Scheme for Setting Up/ Up gradation of Food Testing Laboratories of Pradhan Mantri Kisan Sampada Yojana (PMKSY) for the period up-to 2019-20 extended up-to 2020-21. The proposals under the scheme are invited online through Expression of Interest (EOI) issued by the Ministry from time to time.

2. Based on the experience gained during the implementation of the scheme and the recommendations of the independent impact evaluation study of the scheme, the scheme guidelines for the Scheme of Setting Up/ Up gradation of Food Testing Laboratories have been modified to make the scheme more investor friendly.

3. The modified scheme guidelines for the Scheme of Setting Up/ Up gradation of Food Testing Laboratories of Pradhan Mantri Kisan Sampada Yojana (PMKSY) are hereby notified for the information of all the stakeholders and public at large.


22/9/2020

(Kuldeep Kumar Singh)

Deputy Secretary to the Government of India

Tel. No. 011-26406510

Email: flls-mofpi@gov.in

MINISTRY OF FOOD PROCESSING INDUSTRIES

Revised Guidelines for Grant-in-Aid for Setting-up/Up-gradation of Food Testing Laboratories

(1) Objectives:

Setting up/ up-gradation of Food Testing Laboratories would benefit all stakeholders in ensuring safety and quality of food products. The objectives are:

- To analyse the samples received from food processing industry and other stakeholders.
- To reduce the time taken for analysis of samples by reducing transportation time of samples.
- To ensure compliance of domestic/international standards on food.
- To establish a surveillance system for monitoring the quality and composition of food.

(2) Pattern of Assistance:

(i) Central/State Government and its organizations /universities (including Govt. owned deemed universities) are eligible for grants-in-aid of entire cost of laboratory equipment and 25% of the cost of Technical Civil Work and Furniture & Fixtures for General Areas and 33% in Difficult Areas. In addition, they are also eligible for 80% of the monthly emoluments of two technical staff for two years from the date of completion of the laboratory i.e. on procurement and installation of all the equipment and completion of civil work of Food Testing Laboratory, provided this does not exceed the emoluments prescribed for Junior Research Fellow (JRF) under ICAR.

(Note: In case of any dispute regarding issues related to service/emoluments of the staff to be employed, MoFPI will not be a party and this will be purely between the respective lab and the employed staff.)

(Note: Difficult areas include J&K, Himachal Pradesh, Uttarakhand, Sikkim, North-Eastern States, Andaman & Nicobar Islands, Lakshadweep and Integrated Tribal Development Project (ITDP) areas.)

(ii) All other implementing agencies/private sector organizations/ universities including deemed universities will be eligible for grant-in-aid of 50% of cost of laboratory equipment and 25% of the cost of Technical Civil Work and Furniture & Fixtures for General Areas and 70% of cost of lab equipment and 33% of technical civil work and furniture and fixtures for difficult areas.

(iii) In case of the Setting up cases of food testing lab the cost towards getting of NABL Accreditation will also be eligible for grants-in-aid.

(iv) When the Ministry establishes / sponsors such food testing laboratories, there would be no ceiling to financial assistance and the amount to be approved will be decided on case to case basis with the approval of Competent Authority.

(v) SC / ST proposals will be treated at par with the difficult areas for the purpose of extending benefits under the scheme including the project period.

(vi) The food testing facilities so created will be accessible to public and will be made available to the food processing units for testing their products.

(vii) The maximum admissible quantum of assistance under this Scheme would, however, be 70% of the cost of equipment and 33% of cost of Technical Civil Work and Furniture & Fixtures for all other Implementing Agencies (other than Government Organisations) in Difficult Areas.

Note:

(a) In case of the proposal for up gradation of any food testing lab, it shall only be considered after two (02) years from commencement of commercial operation. The purpose of Upgradation should be justified as per market/ regulatory changes.

(b) Preference will be given to the promoters with food testing background for efficient operation of the lab.

(c) Preference will be given to the female entrepreneurs.

(d) Grants to be provided to food testing labs for commercial operation only and not to educational institutions limited to testing of research samples

(3) Documents Required:

- i. Application in the prescribed format as given in **Annexure- I** (Format available on website: <http://mofpi.nic.in>).
- ii. Detailed Project Report clearly indicating the total project cost (with item-wise and cost - wise break-up), Means of Finance to meet the project cost, recurring expenditure, information on availability of land and building, qualified manpower available and proposed to be hired, implementation schedule, list of lab equipment available and proposed (their cost, purpose/parameters being tested/to be tested), Technical Civil Work (TCW) and the Furniture & Fixtures required etc. DPR may also briefly gives the business plan and details of food industries which it would serve.
- iii. The Private Sector Promoter shall submit in-principle or final term loan sanction from the bank/financial institution availing term loan from the Bank/ Financial Institutions (FI) for an amount not less than 20% of the project cost, except in case of North East States, Difficult areas and SC/ST proposals. In case of North East States, Difficult Areas and SC/ST Proposal term loan amount shall not be less than 10%. The Private Promoter shall infuse/contribute equity of at least 20% and 10% of the total project cost respectively for projects in general areas and for projects in North East States, Difficult Areas and SC/ST Projects. The Bank Term Loan Sanction Letter shall clearly indicate the purpose of Loan as Food Testing Laboratory.

- iv. Certificate of Incorporation/Registration of the organization, Memorandum and Articles of Association and Bye-Laws of the Society (as applicable)/ Partnership Deed (notarized etc.
- v. Bio-data/Background of the office bearers and promoters of the organization including details like Aadhar card/ PAN card, etc.
- vi. Annual Reports and Audited Statement of Accounts of last two years, in case of up gradation proposals with Service Tax Registration Number.
- vii. Blue Print of the laboratory building Plan.
- viii. For private organizations/universities, Notarized copy of land document of owned land/ building or rent/ lease agreement with a validity period of minimum of 15 years, preferably with an extension clause (notarized English version, in case document is in regional language). For Government organizations/ Universities, certificate from Head of the Organisation/ Administrator regarding availability of land is required.
- ix. Item wise and cost wise details of Technical Civil Work (TCW) and Furniture & Fixtures proposed, duly certified by Chartered Engineer (Civil).
- x. Item wise and cost wise details of lab equipment proposed duly supported by quotations and duly certified by Chartered Engineer (Mechanical). Each proposal with list of the commodities and equipment is to be given with parameters to be tested with equipment. In case of up-gradation of lab, list of existing lab equipment with complete details are also required to be furnished.
- xi. In case of up-gradation of lab, list of existing lab equipment with complete details are also required to be furnished.
- xii. *A self-attested confirmation as per the following format (Annexure-II):*

“That the organization has not obtained/applied for or will not obtain any grant/subsidy from any Ministry/Department of Central Govt./Government organization/agencies and State Govt. for the same purpose/activity /same component.”
- xiii. A confirmation in the letter head of the organization/ Institute stating that the grant will be utilized for the purpose for which it is sanctioned (Annexure-III).
- xiv. Surety Bond (duly notarized) on non-judicial stamp paper of Rs.100/- by the applicants of private sector organizations, implementing agencies other than central/state government organizations/ universities. **(Annexure-IV).**
- xv. If the applicant is a Govt. organization / University / Public Sector institution and applies for assistance for 80% of cost of emoluments of two technical staff under the project, an undertaking on official letter head duly issued by the Head of the Department confirming that 20% of the monthly emolument of the technical staff to be employed under the project will be met by the applicant organization from its own resources.
- xvi. *Certificate of SC/ST from the concerned Government Authority, if applicable.*

(4) The Applicant Organization has also to confirm the following:

- i. If the applicant is a Govt. organization / University / Public sector institution, the organization's share of expenditure is borne from their self-generated funds and not from other grants received from Govt. departments/bodies.
- ii. The facility created out of financial assistance from MoFPI will be availed of by the food processing units for getting their products tested. The organization shall create awareness through wide publicity of such facility among the food processing units in and around the area.
- iii. The gap in the means of finance between grant amount sought and approved by MoFPI shall be borne by the organization.
- iv. The organization has adequate funds/ source of funds to meet recurring expenditure and maintain/upgrade testing facilities.
- v. The organization has availability of qualified manpower available vis-à-vis the facility created or would recruit such manpower.
- vi. The organization would implement the schedule of the proposed laboratory within a period of 18 months in General areas and 24 months in difficult areas from the date of issue of approval letter.
- vii. The documents for claiming the 1st Instalment of Grant-in-Aid will be submitted within a time period of 9 months in General Areas and 12 months in Difficult Areas after issue of approval letter.
- viii. The documents for claiming the 2nd Instalment of Grant-in-Aid will be submitted within a time period of 18 months in General Areas and 24 months in Difficult Areas after issue of approval letter.
- ix. The time period by which NABL accreditation would be obtained for the parameters to be tested after setting up/up-gradation of lab with MFPI assistance. For proposals pertaining to up-gradation of an existing laboratory, it has to be confirmed that NABL accreditation has been obtained for existing parameters being tested.
- x. The confirmation that the laboratory will strive to obtain Food Safety and Standards Authority (FSSAI) recognition / notification for carrying out the analysis of food samples under Section 43 of Food Safety & Standard Act, 2006.

(5) Procedure for Approval and release of grant:

- a. Application under the Scheme will be invited through Expression of Interest (EoI).
- b. All complete proposals received for financial assistance will be placed before Techno Scrutiny Committee (TSC) constituted by **MoFPI** for examining such proposals from technical angle. Applicant/ Promoter organizations will make presentations before the TSC. The Applicant/ Promoter organizations will furnish information/ documents if sought by the TSC.
- c. Thereafter, the proposals recommended by TSC and complete in all respects will be placed before Project Approval Committee (PAC) constituted by **MoFPI** for consideration and approval.

- d. Subject to meeting the basic eligibility criteria, SC/ST beneficiaries will be given preference in sanction of the projects under the scheme to the extent of earmarked fund allocation for each category”.(refer Para 2(v)).
- e. The composition of TSC is as follows (Notified on 15.03.2017):

S. No.	Name & Designation	Designation
1	Joint Secretary, In-charge of Scheme for Food Testing Laboratories, MoFPI	Chairperson
2	Assistant Director General (Agril. Engg), ICAR, New Delhi or representative	Member
3	Director, Indian Institute of Food Processing Technology (IIFPT), Thanjavur or representative	Member
4	Director (Quality Assurance), Food Safety and Standards Authority of India (FSSAI)	Member
5	Representative of Vice Chancellor, NIFTEM	Member
6	Representative of Council of Scientific and Industrial Research (CSIR)	Member
7	Representative of Agricultural and Processed Food Products Export Development Authority (APEDA)	Member
8	Representative of Marine Products Export Development Authority (MPEDA)	Member
9	Director, National Accreditation Board for Testing and Calibration Laboratories (NABL) or his representative	Member
10	Representative of National Dairy Development Board (NDDB)	Member
11	Deputy Secretary/ Director, IFD, MoFPI	Member
12	Deputy Secretary / Director, Scheme for Food Testing Laboratories, MoFPI	Member Secretary

- f. The composition of PAC is as follows (Notified on 15.03.2017):

S. No.	Name & Designation	Designation
1	Secretary, MoFPI	Chairperson
2	JS&FA / AS&FA, MoFPI	Member
3	Chief Executive Officer (CEO), Food Safety and Standards Authority of India (FSSAI) or representative	Member
4	Vice Chancellor, NIFTEM	Member
5	Deputy Director General (Agri. Engg.), ICAR, New Delhi	Member
6	Director, Indian Institute of Food Processing Technology (IIFPT), Thanjavur	Member
7	Chairman, Agricultural and Processed Food Products Export Development Authority (APEDA)	Member
8	Horticulture Commissioner, Department of Agriculture, Cooperation & Farmers Welfare, M/o Agriculture & Farmers Welfare.	Member
9	Representative of Council of Scientific and Industrial Research (CSIR)	Member
10	Joint Secretary, Scheme for Food Testing Laboratories, MoFPI	Member Secretary

- g. The following schedule will be adopted for release of grants-in-aid for Central/State Government and its organizations /universities (including Govt. owned deemed universities):-

Government Organisation:

- a. 1st instalment of 50% of the grant amount (Equipment+TCW+Furniture & Fixtures) will be released after receiving requisite documents / confirmations prescribed in Para 03 and 04 of the Scheme guidelines. The organization shall submit the documents along with the request for 1st Instalment within 9 months in General areas and 12 months in difficult areas from the date of issue of the approval letter.
- b. 2nd Instalment of 50% of the grant amount (Equipment+TCW+Furniture & Fixtures) will be released only after ensuring full utilization of 1st Instalment of grant towards purchase of lab equipment, expenditure on Technical Civil Work (TCW) and Fixing of Furniture & Fixtures for housing the equipment, as the case may be. The organization shall submit the documents along with the request for 2nd Instalment within 18 months in General areas and 24 months in difficult areas from the date of issue of the approval letter.
- c. 3rd instalment: The emoluments towards salary of the technical staff at the rate of 80 percent for the maximum the two technical staff for 2 years and the cost of NABL Application (as the case may be in case of setting up proposals) will be released as 3rd and final Instalment after all the PAC approved equipment has been purchased, installed and the organization has made advanced progress towards getting NABL accreditation. The organisation shall be required to submit the utilization certificate for 3rd Instalment along with the status of NABL accreditation.

(Note: 2nd and 3rd Instalment would be released on submission/uploading on SAMPADA portal and uploading of Utilization Certificate generated through EAT Module of PFMS and certificate from Competent Authority (CA/Account Officer) relating to the expenditure incurred at each stage along with detailed statement of expenditure as per format at **Annexure-VIII**, along with copies of invoices, receipts, delivery challans, bill of entry for imported equipment, airway bills, installation and calibration reports (as the case may be) etc.)

(h) The following schedule will be adopted for release of grant in aid for all other implementing agencies/private sector organizations/ universities including deemed universities:-

- i. 1st Instalment of 50% of the total grant will be released after ensuring that 50% of the promoter's contribution and 50% of the Bank Term Loan has been spent on the eligible project cost. The promoter shall submit the documents along with the request for 1st Instalment within 9 months in General areas and 12 months in difficult areas from the date of issue of the approval letter.

- ii. 2nd Instalment of 50% of the total grant + cost of NABL Application (for setting up cases) will be released after ensuring that 100% of the 1st instalment has been utilized fully and 100% of the promoter's contribution and 100% of the Bank Term Loan has been spent on the eligible project cost. The promoter shall upload the documents as per the scheme guidelines including UC generated through EAT Module of PFMS on SAMPADA portal of MoFPI along with the request for 2nd Instalment within 18 months in General areas and 24 months in difficult areas from the date of issue of the approval letter. It will be ensured that all the equipment that are approved by PAC has been procured, the project has achieved completion and commercial operation has started. The Promoter shall upload the status of NABL Accreditation at the time of making claim for the 2nd and final Instalment.

(Note: 1st and 2nd instalment would be released on submission / uploading of certificates from Chartered Accountant relating to the expenditure incurred at each stage along with detailed statement of expenditure as per format at **Annexure-VIII**, along with copies of invoices, receipts, delivery challans etc and other documents as per the scheme guidelines on SAMPADA portal of MoFPI.)

- (i) The implementation schedule for the project would be 18 months in General areas and 24 months in difficult areas as detailed below from the date of issue of approval letter, unless extended by Project Approval Committee (PAC) for reasons to be recorded:

Sl. No	Particulars	Time Period (General/Difficult areas)
1	1 st instalment	9/12 months from date of issue of approval letter
2	2 nd instalment	18/24 months from date of issue of approval letter
3	Salary of technical staff +NABL Cost	After completion and operationalization of the project.
	Total	18/24 months

- (j) The promoter shall make all possible efforts to complete the project as per the stipulated timelines mentioned in the approval letter. In case of non-adherence to stipulated timelines, except in case of force de majeure or reasons beyond the control of promoter, penalty in terms of reducing the grant amount, on case to case basis will be imposed which would be as follows:

- i. The timeline for each instalment of the scheme guidelines and /or as approved by PAC at the time of according approval shall be applicable for this purpose. Only, force de majeure, reason will be accepted as genuine reasons for delay in cases where promoter fails to adhere to the timeline and request the Ministry for relaxation of penal action.
- ii. In case of non-adherence to the timeline of a particular instalment due to the project, a penalty amounting to 1% of the quantum of instalment due for release will be imposed for each month's delay beyond the stipulated timeline. The maximum amount of penalty, however, shall not exceed 5% of the instalment to be released.

iii. The penalty will be imposed for such delay till the date of submission of the complete documents to the Ministry for release of instalment of the grant.

(6) The decision of the PAC however shall be final and binding on imposition of the penalty, quantum of the penalty and the period for which the penalty is to be imposed.

(7) The laboratory assisted under the scheme will submit the information in the prescribed format regarding procurement and installation of all the equipment and completion of civil work of the food testing laboratory [**Annexure-V, VI and VII**]. This must be submitted along with the claim for release of 2nd instalment (in case of private organization) and 3rd instalment alongwith claim for emoluments of technical personnel and cost of NABL Application (in case of government organization).

(8) Inspection to verify the progress before release of the final instalment of grant may be carried out. Format for inspection report is at Annexure-X.

(9) Invariably, all the documents to be submitted at each step shall be countersigned by the applicant.

Note:

(1) The organization submitting the application as per above guidelines may ensure that the details/ documents are as per checklist (**Annexure-XI**).

(2) The Ministry is in the process of appointing Programme Management Agency (PMA) to examine the proposal and to monitor the implementation of the projects under the Scheme, and the guidelines to this effect will be made and notified shortly.

Application Form for Setting up/ up-gradation of Food Testing Laboratory

S.No	Particulars	Details
1.	Name and Address of promoter(s) including Telephone, Fax, email and contact details	
2.	Location of the Laboratory including Address, Telephone, fax, email with contact details etc.	
3.	Whether the promoter of Applicant Organization belongs to SC / ST category (if yes, Certificate of SC/ST from the concerned Government Authority, to be submitted). (Refer Para 2(v) and 5(d)).	
4.	Type of Organization like Government, Private, Industry Association, Public sector, Co-operative etc.	
5.	Background of the organization	
6.	Whether the organisation is owned by a Women or Group of Women (if yes, the details thereof)	
7.	Objectives of the Laboratory	
8.	The total capacity of the laboratory in terms of number of samples to be handled by utilizing the proposed equipment	
9.	In case of up-gradation of existing lab, details of lab equipment available and their utilization with products and parameters being tested.	
10.	In case of up-gradation of existing lab performance of the last three years indicating (a) type of food products tested, (b) parameters, with (c) number of samples tested, (d) revenue earned and any (e) other relevant information.	
11.	Justification for the proposed equipment with reference to products and parameters to be tested as per Annexure- IX	

S.No	Particulars	Details
12.	Number of Food Processing Industries situated in the region/ nearby area and other potential users who may avail testing facilities. Attach list of giving names & address of units along with their products.	
13.	<p>Total Project cost :</p> <p>a. Land- not eligible for grant b. Building</p> <p>(a) Technical civil work: It includes the component of Civil Work and Furniture and Fixtures specific to the equipment(s) and essential for housing the particular specialized equipment /facility and storage of samples/ chemicals/ consumables.</p> <p>a. Non-technical civil work: It includes civil work such as office area, library, roads, boundary wall, facade canteen, guest house and any other civil work which is not justifiable / non-essential for the equipments proposed / approved to be procured etc or otherwise not recommended by TSC.</p> <p>c. Laboratory Equipment</p> <p>d. Recurring Expenditure</p> <p>i. Consumables ii. Salaries & Wages iii. Any other expenses</p> <p>e. Furniture & Fixtures f. Any other items</p> <p style="text-align: center;">Total</p>	
14.	<p>Means of Finance</p> <p>a. Promoters Contribution b. Grant from MFPI c. Term Loan from bank</p>	

S.No	Particulars	Details
	d. Any other Source (please Specify) <i>*Unsecured loans will not be considered</i> Total	
15.	Details of Equipment proposed to be installed in the laboratory indicating specifications, make, quantity, cost (Please furnish technical literature and latest quotations(from Original Equipment Manufacturer or authorised dealer/supplier) for each proposed equipment)	
16.	Total no. of manpower available and to be employed (with their qualifications and experience)	
17.	Implementation Schedule- Bar chart/ Mile Stone Chart (Generic Type and not specific month wise)	
18.	Business Model with Cash flow for the next five years	
19.	Details of NABL accreditation for existing parameters being tested (In case of up-gradation). In case of setting up of laboratory, time frame by which the NABL accreditation will be obtained may be furnished.	
20.	Any other relevant details	

**Encl: List of documents
attached**

Signature

**Name and Designation
Seal of the Organization**

Undertaking

(Rule 230(1) of GFR 2017)

(As undertaking on Official Letter Head)

ISon of ..., aged years, working asofhereby affirm and declare as under-:

1. That the organization has not obtained/applied for /will not obtain any grant/subsidy from any Ministry/Department of Central Govt / Govt organization/Agencies and State Government for the same purpose / activity / same component.

Place :

Signature of the Authorized
Signatory

Date :

Name of the
Institution

Annexure III

UNDERTAKING

I,, aged, resident of do hereby solemnly affirm that the grant will be utilized for the purpose it is sanctioned.

Hence this undertaking

Place :

Signature of the Authorized Signatory

Date :

Name of the
Institution

(To be prepared on Non-Judicial Stamp paper of Rs. 100/-)

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s _____, a _____ (Type of organization) incorporated / registered under the _____ (Name of the Act) and having its registered office at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of Rs. _____ (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand _____.

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing Industries' Sanction Order No. _____ Dated _____

_____ (Hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and a copy whereof is annexed hereto and marked as Annexure-I, *agreed to make in favor of the Obligors grants-in-aids of Rs. _____ (Rupees _____ only) for the purpose of _____ (description of the project) at _____* Out of which the sum of Rs. _____ (Rupees _____ only) have been paid to the Obligors (the receipt of which the Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms & conditions of the grants-in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aids and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the grant-in-aid with interest of 10% per annum thereon.

If a part of the grant-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged up-to the date of its refund to the Government, unless it is agreed to be carried over.

The Obligers agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grant-in-aid was intended of the property) buildings created/ acquired/constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligers.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____ Dated _____ passed by the governing body of the Obligers, a copy whereof is annexed hereto as Annexure-II and by

_____ for and on behalf of the president on the date appearing below:-

SIGNATORY

Signature of the AUTHORISED

Signed for and on behalf of
(Name of the Obliger in block letters)
(Seal / Stamp of Organization)

1. Signature of witness

2. Signature of witness

Name & Address

Name & Address

TO BE FILLED UP BY THE MINISTRY OF FOOD PROCESSING

INDUSTRIES

(ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Dated: _____

Notary Seal & Signature

Annexure-V**DETAILS OF PROCUREMENT AND INSTALLATION OF ALL THE EQUIPMENT,****FURNITURE & FIXTURE AND COMPLETION OF CIVIL WORK BY UTILIZATION OF GRANT-IN-AID AS RELEASED BY MoFPI.**

(Rs. in Lakh)				
Head of Expenditure	Proposed Cost	Eligible Grant	MoFPI approved Grant	Promoters Contribution
Equipment				
Technical Civil Works				
Non-Technical Civil Works				
Furniture & Fixture				
Total				

Signature with
Seal of the
authorized
person(s) of the
grantee
organization

Counter-signed by Chartered Engineer (Civil.)

Annexure -VI

DETAILS OF EQUIPMENT PURCHASED AND INSTALLED UNDER GRANT-IN-AID RELEASED BY MINISTRY OF FOOD PROCESSING INDUSTRIES IN THE FOOD

TESTING LABORATORY.

Sl. No.	Name of the P.A.C. approved equipment	Price in US \$ / EURO , etc. + Custom Duty/Service Tax, etc. (if applicable). (In the case of imported equipment)	Exchange Rate as on ... (Date)	Price/Value in Rupees VAT / Service Tax etc., (if applicable)	Make / Model / Sr. No of the equipment	Date of Purchase as per invoices	Date of installation of the equipment in the laboratory	Purpose of the equipment	Whether functional or not	Amount utilized out of grant-in-aid released by MoFPI for purchase of equipment
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

Signature with
Seal of the
authorized
person(s) of the
grantee
organization

Counter-signed by Chartered Engineer (Mech.)

Annexure-VII

DETAILS OF TECHNICAL CIVIL WORK AND FURNITURE AND FIXTURE PURCHASED/DONE IN THE FOOD TESTING LABORATORY UNDER GRANT-IN-AID RELEASED BY MINISTRY OF FOOD PROCESSING INDUSTRIES.

Sl. No.	Name of the TCW and Furniture & Fixture as approved by PAC	Purpose	Whether completed / installed or not	Expenditure incurred	Amount utilized out of grant-in-aid released by MFPI
1.	2.	3.	4.	5.	6.

Signature with
Seal of the
authorized
person(s) of the
grantee
organization

Counter-signed by Chartered Engineer (Civil.)

Annexure-VIII

CA Certificate/Statement of Expenditure (With membership No. of CA) in the following format:

Rs. in lakh						
Sr. No.	Name of the Component	Proposed/requester Project Cost	Revised project cost	Eligible Cost considered calculation of Grant-in-aid	MoFPI Grant	Actual Expenditure as on date.....
1.	Equipment					
2.	Technical Civil Work					
3.	Furniture & Fixtures &					
4.	Recurring Cost					
5.	Other Expenditure					
6.	(Please specify)					

Rs. in lakh				
Sr. No.	Name of the component / Item	Proposed Means of Finance	Approved Means of Finance	Actual Expenditure as on date
1.	Promoters contribution			
2.	Grant from MoFPI			
3.	Bank Term Loan			
	Total			

Signature and Seal of C.A.*
(Seal with clear CA Membership No.)

Counter Signature by the Applicant with Seal

Counter Signature of Bank Branch Manager with seal (in case of bank loan).

Note: * In case of Govt organisation Competent Authority of Finance / Comptroller of Accounts/Accounts Officer etc dealing with Finance and Accounts can issue the instant certificate.

Annexure-IX

Details of the proposed equipment with reference to products and parameters to be tested

Sl. No	Name of the equipment	Specification(s)	Quantity	Cost in Foreign currency (in case of Import)	Cost in Rupees	Purpose	Products to be tested	Parameters to be tested

Signature with
Seal of the
authorized
person(s) of the
grantee
organization

Counter-signed by Chartered Engineer (Mech.)

FORMAT FOR INSPECTION OF FOOD TESTING LABORATORIES**ASSISTED BY MFPI**

1. Name & Address of food testing laboratory (along with Tel./Fax/E-mail):
2. Name & designation of officer-in-charge:
3. Status of the laboratory i.e. Govt./Private/Autonomous/: (Mention the administrative authority under which it operates)
4. Status of Building infrastructure for housing the laboratory: a. Technical civil works

b. Non-technical civil works

5. (a) List of Instruments/Equipment as approved by PAC, their cost, the details of purchase/installation, make/specification, function, accuracy (qualitative/quantitative) supported with a copy of invoice. The details pertaining to deviation from PAC approval (if any) in respect of equipment cost should be clearly indicated.

- b. List of TCW approved by PAC with cost and against that TCW Carried out with cost, bringing out deviation, if any.

(c) Furniture & Fixtures (F&F): list of items approved by PAC with cost and against that F&F carried out with cost, bringing out deviation, if any.

6. List of scientists and technical staff with their qualifications and experience, staff structure and management.
7. Services provided / to be provided by the lab (such as analytical, training, certification etc.)
8. Available Analytical facilities:

Food quality parameters & Food Safety parameters in the following format

S.No	Test Parameters	Yes/No
1.	Physical Characteristics	
2.	Chemical Analysis	
	(a) Proximate Analysis	

S.No	Test Parameters	Yes/No
	(b) Metal contaminants	
	(c) Water analysis	
	(d) Residue (Pesticides, Veterinary drugs, antibiotics etc.,)	
	(e) Adulterants	
	(f) Food Additives (Sweetners, flavouring material, coloring matter etc.,)	
	(g) Fatty acid & amino acid profile	
	(h) Vitamins	
	(i) Allergens	
3.	Microbiological Analysis	
	(a) Toxins (Aflatoxin, mycotoxins etc.,)	
	(b) Pathogens	
	(c) TPC, Y & M, Coliform, E.Coli	
4.	Genetically modified components	
5.	Any other	

9. Brief description of participation in proficiency testing programme, if participated:

10. Performance of the lab for the last three years (if applicable):

- No. of samples tested year wise (indicating parameters):
- No. of clients served year wise
- Total revenue earned

11. Whether laboratory has specified rates for testing of the products. If so, details thereof. If not, reasons therefor.

12. Are all standard test methods available in the laboratory?

13. Are all standard reference materials available in the laboratory?

14. In case of existing lab, status of NABL accreditation. If not, steps taken in this regard.

15. Details of manpower employed for the project.

16. Details of Annual Maintenance Contract (AMC).

17. Whether commercial operation has started and the date thereof.

18. Recommendations of inspection team clearly indicating installation & functioning of lab equipment, status of building for housing the lab and the date of start of commercial operation.

(Signature, Name and designation of members of inspection team)

* Supporting documents are required to be enclosed with inspection report.

Annexure- XI**Check list for the Scheme of Setting –up/ Up gradation of food testing laboratories**

Sr. No	Existing	Remark (YES/NO)
1	Application in the MFPI prescribed format	
2	Total project cost (item-wise and cost- wise break-up)	
3	Means of Finance to meet the project cost	
4	Details of recurring expenditure,	
5	Availability of land and building,	
6	Details of existing /required qualified manpower	
7	Implementation schedule	
8	List of lab equipment with their specifications, cost and purpose/parameters along with the certificate by C.E (Mechanical)	
9	In- Principle approval/Sanction letter of term loan from bank / financial institution as per Clause 3(iii) of the Scheme guidelines.	
10	Certificate of incorporation/registration of the organization	
11	Memorandum and Articles of Association and Bye laws of the Society	
12	Background of the organization	
13	Annual Reports and Audited Statement of Accounts of last two years	
14	Blue Print of the laboratory building Plan	
15	Notarized land document of owned land/ building or rent/ lease agreement with a validity period minimum 15 years (notarized English version if the land document is in regional language).	
16	Item wise and cost wise details of TCW and F&F envisaged duly certified by Chartered Engineer (Civil) (Refer Clause 3(ix) of the	

Sr. No	Existing	Remark (YES/NO)
	Scheme guidelines.)	
17	List of existing lab equipment with complete details along with products and parameters being tested (For Up gradation proposals)	
18	An undertaking as per Annexure – II duly signed.	
19	An undertaking as per Annexure –III, duly signed.	
20	Status of NABL accreditation	

Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg,
New Delhi-110049

Revised Guidelines for Grant-in-Aid to Food Processing Units for implementation of Food Safety and Quality Management System through HACCP/ISO 22000/ FSSC 22000/ BRC/ SQF or any other Global Food Safety Initiative (GFSI) approved certification scheme/ standard (w.e.f. 12.11.2018).

1. Background

In order to motivate the food processing industry for adoption of food safety and quality, assurance mechanisms, the Ministry of Food Processing Industries was operating the Central Sector Scheme of Implementation of Food Safety and Quality Management System earlier. Last revised scheme guidelines were issued on 01.04.2014.

This Scheme is now a component of Food Safety and Quality Assurance Infrastructure Scheme under the umbrella Scheme Pradhan Mantri Kissan Sampada Yojana (PMKSY) launched in 2017. For the purpose of smooth implementation, the guidelines of the scheme are being revised.

2. Objectives

The scheme is intended to achieve the following objectives:

- i.** Motivate the food processing industry for adoption of food safety and quality assurance mechanisms.
- ii.** Enable adherence to stringent quality and hygiene norms by food processing industries and thereby protect consumer health.
- iii.** Prepare industry to face global competition.
- iv.** Enhance product acceptance by overseas buyers.
- v.** Keep Indian industry technologically abreast of international best practices.

3. Outcomes

After implementation of the scheme, it is expected that the units which get assistance will be in a position to improve quality and safety of food products. This will result in greater acceptability of products in the market and help in growth of their business through HACCP/ISO 22000/ FSSC 22000/ BRC/ SQF or any other Global Food Safety Initiative (GFSI) approved certification scheme/ standard.

4. Eligible Organizations/agencies

Central/ State Govt. Undertakings/ Organisations and Private Sector firms will be

eligible for reimbursement of expenditure towards implementation of above standard.

5. Eligible Sectors

Proposals of units processing perishable items like fruits, vegetables, milk, meat, poultry, seafood and fish will only be considered eligible.

6. Eligible Project Cost

Includes the cost of consultant fee, fee charged by certification agency and expenditure on plant & machinery and technical civil works (TCW) incurred after the date of application towards implementation of above standard in the food processing units.

7. Salient Features

- i. The grant-in-aid would be reimbursement of expenditure incurred on acquiring above standard.
- ii. The Grant-in-aid as reimbursement of expenditure will be released by the Ministry in one instalment after obtaining necessary certification and submission of requisite documents.

8. Eligibility Criteria

- i. The scheme shall provide one time reimbursement only against an Industrial Entrepreneurship Memoranda (IEM)/ Permanent SSI Registration/ Industrial License and FSSAI Licence.
- ii. The applicant should not have obtained/applied for grant/subsidy from any Ministry/Department of Central Govt./GOI organization/agencies and State Govt. for adoption of Total Quality Management System applied for under this scheme.
- iii. The units which have been operating from at least 3 years prior to the date of application will be eligible to apply.
- iv. The units which have already availed assistance from MoFPI for setting up/ expansion/modernization under any scheme of MoFPI will not be considered eligible for assistance under this scheme.

9. Pattern of Assistance:

- i. All Implementing Agencies i.e. Central/ State Govt. Undertakings/ Organisations and Private Sector firms will be eligible for reimbursement of 50% of eligible project cost incurred towards implementation of above standard in the food processing units in general areas subject to maximum limit of Rs. 17 lakh and 75% in difficult areas subject to a maximum of Rs. 22 lakh. Difficult areas include J&K, Himachal Pradesh, Uttarakhand, Sikkim, North-Eastern States, Andaman & Nicobar Islands, Lakshadweep, Integrated Tribal Development Project (ITDP) Areas of States.
- ii. All implementing agencies with Scheduled Caste (SC)/ Scheduled Tribe (ST)

promoter(s), holding majority stake will be treated at par with the difficult areas for the purpose of extending benefits under the scheme. For any change in the constitution/composition of such implementing agencies, prior permission of Ministry shall be required. Subject to matching the basic eligibility criteria, SC/ST beneficiaries will be given preference in sanction of the projects under the scheme to the extent of earmarked fund allocation for each category.

10. Mode of submission of proposals

Proposals for financial assistance will be submitted directly to the Ministry of Food Processing Industries through online portal only for implementation of Food Safety and Quality Management System through above standard in the food processing units.

11. Documents Required with application

Following documents are required to be uploaded on the on-line portal, duly signed by the lead promoter/ authorised signatory: -

- i. Application in the prescribed format available online has to be filled (**Format in Annexure -A**).
- ii. Detailed Project Report including details of all promoters of the organisation along with the activities/background of the firm, products being manufactured, existing/ future market, list of existing plant and machinery along with Process Flow Chart, total Annual Turnover etc.
- iii. Financial status of the firm/company duly certified by C.A. in the prescribed format (**Annexure-I**)
- iv. Income Tax Returns of the organisation/ proprietor (in case of proprietorship firm) for previous three years.
- v. GST Registration number of the firm or GSTIN.
- vi. A copy of permanent SSI Registration/Entrepreneurs' Memorandum or Industrial Entrepreneur Memoranda (IEM) or Industrial Licence, whichever is applicable.
- vii. A copy of valid FSSAI licence issued to the applicant organisation.
- viii. Quotation of consultant firm/consultant.
- ix. The consultant for implementing above standard should be registered either with National Accreditation Board for Education & Training (NABET) or National Board for Quality Promotion (NBQP) of the Quality Council of India or any other Central Government Body like Bureau of Indian Standards (BIS), Agricultural & Processed Food Products Exports Development Authority (APEDA) etc. for the relevant Standard.
- x. Quotation from Certification Body.
- xi. Confirmation that Certification Body is accredited by National Accreditation Board for Certification Bodies (NABCB) for the relevant scope, based on a recognised Standard for certification such as ISO 22000/HACCP, etc., which the applicant intends to implement.

- xii.** Details of proposed Plant & Machinery (Item-wise & Cost-wise) as per Gap Study Report duly certified by approved Chartered Engineer (Mechanical) and relevance to above standard with full justification in support of cost claimed in the prescribed format (**Annexure-I A**). The consultant is also required to certify the requirement and counter sign the cost of Plant & Machinery.
- xiii.** Complete details of Technical Civil Works as per Gap Study Report indicating item-wise/cost-wise break up and their relevance to implementation of above standard with justification duly certified by approved Chartered Engineer (Civil) in the prescribed format (**Annexure-I B**). The consultant is also required to countersign the cost of Civil Works.
- xiv.** Gap Study Report in the attached format with justification wherever modification of infrastructure & machinery is suggested (**Annexure-II**)
- xv.** An affidavit duly executed on non-judicial stamp paper of Rs. 10/- or more duly notarized as per **Annexure-III**.
- xvi.** Detailed implementation schedule for implementation of the above standard.

12. Grant of ‘In-Principle’ Approval

The application received in the Ministry online will be examined and in case of proposals containing all relevant documents/ information, complying with eligibility criteria the letter for ‘In-Principle’ approval with a validity period of twelve months will be issued with the approval of competent authority to the applicant organisation. Incomplete applications will be summarily rejected by the Ministry.

13. Procedure for reimbursement of expenditure

- i.** The applicant organisation is required to submit the following documents online to the Ministry of Food Processing Industries within 12 month of issue of in-principle approval letter requesting for reimbursement of expenditure incurred on Implementation of above standard:-
 - a.** Copy of ‘In-Principle’ approval letter and /or extension letter issued by the Ministry.
 - b.** Surety Bond in the prescribed format (**Annexure-IV**).
 - c.** Self-verified list of equipment purchased in the prescribed format (**Annexure-IV A**) along with copy of invoices/bills.
 - d.** Detailed Process Flow Chart.
 - e.** Latest C.A. certificate of actual expenditure incurred on the project with corresponding sources of finance (also countersigned by the consultant and promoter of the firm) in the prescribed format (**Annexure-IV C**).
 - f.** Copies of invoices of Consultant fee, fee charged by Certification Agency and other expenditure incurred. Details of Technical Civil Works done along with cost in the prescribed format (**Annexure-IV B**) along with Copies of invoices of Technical Civil Works.
 - g.** Copy of ISO 22000 /HACCP, etc. Certificate from an NABCB accredited certification body bearing NABCB logo.
 - h.** An undertaking by the firm on Letter Head of the firm in the prescribed

format (Annexure-IV D) to the effect that Implementation of above standard will be continued at least for a period of 3 years from the date of issue of certificate and guidelines & conditions stipulated in the certificate and FSMS Manual will be followed by the organization, failing which the firm is liable to refund the entire amount of grant-in-aid along with interest @ 10% per annum.

- ii. The requisite documents/information duly certified by the Promoter/Director/ Partner in the case of Private Bodies and through the Director or Head of the Institution in the case of Govt. Institutions shall be submitted to the Ministry. After satisfactory scrutiny of the documents/information thereof the MoFPI will reimburse the expenses to the implementing agency in terms of the approved scheme through Designated Bank.
- iii. An evaluation may be conducted by MFPI at the end of the year by an independent agency on the implementation of the scheme.

14. Decision of Ministry to be final

The decision of the Ministry in all matters relating to eligibility, acceptance or rejection of the applications and grant approved shall be final and binding on the applicants.

15. Court's Jurisdiction

Any dispute arising out of selection of proposals and implementation of approved project under this scheme guideline shall be subject to Courts/ Tribunals having jurisdiction over Delhi.

Annexure-A

Application for seeking assistance of MOFPI for implementation of Food Safety and Quality Management through HACCP/ISO 22000/ FSSC 22000/ BRC/ SQF or any other Global Food Safety Initiative (GFSI) approved certification scheme/standard. [To be submitted online only]

(Rs. in lakhs)

S. No.	Particulars	Details
A	Implementing Agencies-Organisation/Promoter	
1.	Name & Address (Telephone, Fax, E-mail)	
2.	Whether Scheduled Caste (SC)/Scheduled Tribe (ST)/Shareholding of SC/ST/Promoter(s) in the firm	
3.	a) Background/Experience b) Financial Status:- i) Audited Profit & Loss Account & Balance Sheet for the last three years ii) Turnover during the last three years iii) Banker's Name and Address	
4.	Existing activities of the firm	
5.	Name of the Products/By-products including brand name(specification & use)	
6.	Process of manufacture (with Flow Chart)	
7.	Processing technology being used:- (indigenous/imported)	
8.	List of existing Plant & Machinery and Quality Control facilities with cost.	
9.	Capacity of installed Plant & Manufacturing Unit (per day/per year)	
10.	Capacity utilisation during last three years (figures in %)	
B	Project Description	
1.	Name of the Project: (Implementation of ISO 22000/HACCP, etc.)	
2.	Location/ Area of the Manufacturing Unit (Full locational address & Telephone No. & E-mail etc.)	
3.	Details of Industrial Entrepreneur Memoranda (IEM)/Entrepreneurs Memorandum (EM)/SSI Registration /Industrial License(IL):- i) IEM/EM/SSI Registration/IL No. ii) Date of Issue iii) Issuing Authority iv) FSSAI Licence No. or acknowledgement (Enclose an attested copy) v) Date of start of commercial operations	
4.	Gap Study Report as per Annexure-II	
C	Project Cost	(Rs. in lakh)
a)	Consultant Fee	

b)	Fee charged by Certifying Agency	
c)	Pre-operative Expenses	
d)	Technical Civil Works (if any) with reference to GAP Study Report	
e)	Plant & Machinery with reference to GAP Analysis Report (This includes equipment required for up gradation of Hygiene, Quality Control testing facilities such as in-house Food Testing Laboratory etc.)	

f)	Any other expenses as per the requirement of ISO 22000 and /or HACCP etc.	
	Total	
D	Means of Finance	(Rs. in Lakh)
a)	Equity(Promoter/Foreign/Other)	
b)	Loan(Term/Unsecured/Working Capital	
c)	Fund requirement from Ministry(MFPI)	
d)	Others	
	Total	
E	Marketing	
a)	Size of existing Market in terms of cost benefit ratio	
b)	Increase in Future Demand(Expected size of market in the first year after implementation of food safety/quality management systems)	
F	Implementation Schedule	
	i) Items of Work ii) Date of Implementation (Bar charts/Milestone charts may be enclosed)	
G	Details and Experience of the Consultant, if any	
H	Details and Experience of Certifying Body	
I	Details of Accreditation Body:	
J	Assistance already availed from MFPI (Give name of Scheme) i) ii)	Component/Activity for which assistance was taken Activity for which assistance was taken
K	List of Enclosures	Amount Year

Place:

Date:

Authorised Signatory

Name (Block letters)

Designation

(With Special Seal of Organisation/Individual)

List of documents attached

C.A. CERTIFICATE FOR FINANCIAL STATUS OF THE FIRM

Name of the Company/Firm: _____

Complete address of the Factory/Unit: _____

Financial Status of the firm is as under:-

(Amount in lakh)

Year	Turnover	Profit after Tax	Loan	
			Secured	Unsecured

2. Kinds of documents checked:-

- i. Profit and loss accounts
- ii. Balance Sheet

(Signature)
Name of Authorised Signatory
of the firm with stamp

(Signature)
Name & Address of the
Chartered Accountant with stamp

DETAILS OF PROPOSED PLANT & MACHINERY

Name of the Company/Firm: _____

Complete address of the Factory/Unit: _____

This is to certify that the proposed Plant & Machinery is required for effective implementation of _____ (Name of Quality/Food Safety Management system to be implemented – HACCP/ISO 22000/ISO 9001/GHP/GMP etc).

S. No	Name of the Machinery/equipment/Item	Capacity	No. of Units	Rate/unit (₹)	Total Cost (₹)	Relevance to implementation of _____ (Name of Quality/Food Safety Management system to be implemented) with justification

(Signature)
Name & Address of the Consultant/
Consultant Firm with stamp

(Signature)
Name & Address of the
Chartered Engineer (Mech./Elect.) with stamp

DETAILS OF PROPOSED TECHNICAL CIVIL WORK

Name of the Company/Firm: _____

Complete address of the Factory/Unit: _____

This is to certify that the proposed Technical Civil Work is required for effective implementation of _____ (Name of Quality/Food Safety Management system to be implemented – HACCP/ISO 22000/ISO 9001/GHP/GMP etc).

S. No	Name of item/Work	Area (Sq. Ft)	Rate/ Sq. Ft (₹)	Total Cost (₹)	Relevance to implementation of _____ (Name of Quality/Food Safety Management system to be implemented) with justification

(Signature)
Name & Address of the Consultant/
Consultant Firm with stamp

(Signature)
Name & Address of the
Chartered Engineer (Civil) with stamp

**MFPI Scheme – Implementation of Food Safety and Quality Management System
through ISO 22000/ HACCP or any other similar standard-
Gap Study Checklist for Hygienic Conditions based on Codex Recommended Code of
Practice/General Principles of Food Hygiene (CAC/RCP 1-1969, Rev. 4-2003)**

Company Details		
Name: (Including site name);		
Address:		
State:		Post Code
Tel. No.		FAX
Company Representative		Email address:

Products Details			
Products Manufactured			
Key Process Steps (Attach copy of process flow for each product and of layout of food production facility)			
Key Operations (Automated)			
Key Operations (Manual)			
Processing Technology			
Primary Packaging			
Storage conditions for finished products			
Best Before period declared on finished product			
Number of production lines			
Production facility utilization (All through the year / few months of the year)			

REQUIREMENTS		CURRENT STATUS	IMPROVEMENT MEASURE PLANNED TO BE TAKEN	JUSTIFICATION FOR IMPROVEMENT MEASURE
SECTION –IV- ESTABLISHMENT: DESIGN AND FACILITIES				
4.1	LOCATION			
4.1.1	Establishments			
	Establishments should not be located anywhere where, after considering such protective measures, it is clear that there will remain a threat to food safety or suitability. In particular, establishments should normally be located away from:			
	• environmentally polluted areas and industrial activities which pose a serious threat of contaminating food;			
	• areas subject to flooding unless sufficient safeguards are provided;			
	• areas prone to infestations of pests;			
	• areas where wastes, either solid or liquid, cannot be removed effectively.			
4.1.2	Equipment			
	Equipment should be located so that it:			
	• permits adequate maintenance and cleaning;			
	• functions in accordance with its intended use; and			
	• facilitates good hygiene practices, including monitoring.			
4.2	PREMISES AND ROOMS			
4.2.1	Design and layout			
	Where appropriate, the internal design and layout of food establishments should permit good food hygiene practices, including protection against cross-contamination between and during operations by foodstuffs.			
4.2.2	Internal structures and fittings			
	Structures within food establishments should be soundly built of durable materials and be easy to maintain, clean and where appropriate, able to be disinfected.			

	In particular the following specific conditions should be satisfied where necessary to protect the safety and suitability of food:-			
	<ul style="list-style-type: none"> the surfaces of walls, partitions and floors should be made of impervious materials with no toxic effect in intended use; 			
	<ul style="list-style-type: none"> walls and partitions should have a smooth surface up to a height appropriate to the operation; 			
	<ul style="list-style-type: none"> floors should be constructed to allow adequate drainage and cleaning; 			
	<ul style="list-style-type: none"> ceilings and overhead fixtures should be constructed and finished to minimize the buildup of dirt and condensation, and the shedding of particles; 			
	<ul style="list-style-type: none"> Windows should be easy to clean, be constructed to minimize the buildup of dirt and where necessary, be fitted with removable and cleanable insect-proof screens. Where necessary, windows should be fixed; 			
	<ul style="list-style-type: none"> doors should have smooth, non-absorbent surfaces, and be easy to clean and, where necessary, disinfect; 			
	<ul style="list-style-type: none"> Working surfaces that come into direct contact with food should be in sound condition, durable and easy to clean, maintain and disinfect. They should be made of smooth, non-absorbent materials, and inert to the food, to detergents and disinfectants under normal operating conditions. 			
4.2.3	Temporary/mobile premises and vending machines			
	Premises and structures covered here include market stalls, mobile sales and street vending vehicles, temporary premises in which food is handled such as tents and marquees.			
	Such premises and structures should be sited, designed and constructed to avoid, as far as reasonably practicable, contaminating food and harbouring pests.			
	In applying these specific conditions and requirements, any food hygiene hazards associated with such facilities should be adequately controlled to			

	ensure the safety and suitability of food.			
4.3	EQUIPMENT			
4.3.1	General			
	Equipment and containers (other than once-only use containers and packaging) coming into contact with food, should be designed and constructed to ensure that, where necessary, they can be adequately cleaned, disinfected and maintained to avoid the contamination of food.			
	Equipment and containers should be made of materials with no toxic effect in intended use.			
	Where necessary, equipment should be durable and movable or capable of being disassembled to allow for maintenance, cleaning, disinfection, monitoring and, for example, to facilitate inspection for pests.			
4.3.2	Food control and monitoring equipment			
	Equipment used to cook, heat treat, cool, store or freeze food should be designed to achieve the required food temperatures as rapidly as necessary in the interests of food safety and suitability, and maintain them effectively.			
	Such equipment should also be designed to allow temperatures to be monitored and controlled.			
	Where necessary, such equipment should have effective means of controlling and monitoring humidity, air-flow and any other characteristic likely to have a detrimental effect on the safety or suitability of food. These requirements are intended to ensure that:			
	<ul style="list-style-type: none"> harmful or undesirable micro-organisms or their toxins are eliminated or reduced to safe levels or their survival and growth are effectively controlled; 			
	<ul style="list-style-type: none"> where appropriate, critical limits established in HACCP-based plans can be monitored; and 			
	<ul style="list-style-type: none"> Temperatures and other conditions necessary to food safety and suitability 			

	can be rapidly achieved and maintained.			
4.3.3	Containers for waste and inedible substances			
	Containers for waste, by-products and inedible or dangerous substances, should be specifically identifiable, suitably constructed and, where appropriate, made of impervious material.			
	Containers used to hold dangerous substances should be identified and, where appropriate, be lockable to prevent malicious or accidental contamination of food.			
4.4	FACILITIES			
4.4.1	Water supply			
	An adequate supply of potable water with appropriate facilities for its storage, distribution and temperature control, should be available whenever necessary to ensure the safety and suitability of food.			
	Potable water should be as specified in the latest edition of WHO Guidelines for Drinking Water Quality, or water of a higher standard. Non-potable water (for use in, for example, fire control, steam production, refrigeration and other similar purposes where it would not contaminate food), shall have a separate system. Non-potable water systems shall be identified and shall not connect with, or allow reflux into, potable water systems.			
4.4.2	Drainage and waste disposal			
	Adequate drainage and waste disposal systems and facilities should be provided. They should be designed and constructed so that the risk of contaminating food or the potable water supply is avoided.			
4.4.3	Cleaning			
	Adequate facilities, suitably designated, should be provided for cleaning food, utensils and equipment. Such facilities should have an adequate supply of hot and cold potable water where appropriate.			

4.4.4	Personnel hygiene facilities and toilets			
	Personnel hygiene facilities should be available to ensure that an appropriate degree of personal hygiene can be maintained and to avoid contaminating food. Where appropriate, facilities should include:			
	• adequate means of hygienically washing and drying hands, including wash basins and a supply of hot and cold (or suitably temperature controlled) water;			
	• lavatories of appropriate hygienic design; and			
	• Adequate changing facilities for personnel.			
	Such facilities should be suitably located and designated.			
4.4.5	Temperature control			
	Depending on the nature of the food operations undertaken, adequate facilities should be available for heating, cooling, cooking, refrigerating and freezing food, for storing refrigerated or frozen foods, monitoring food temperatures, and when necessary, controlling ambient temperatures to ensure the safety and suitability of food.			
4.4.6	Air quality and ventilation			
	Adequate means of natural or mechanical ventilation should be provided, in particular to:			
	• minimize air-borne contamination of food, for example, from aerosols and condensation droplets;			
	• control ambient temperatures;			
	• control odours which might affect the suitability of food; and			
	• control humidity, where necessary, to ensure the safety and suitability of food.			
	Ventilation systems should be designed and constructed so that air does not flow from contaminated areas to clean areas and, where necessary, they can be adequately maintained and cleaned.			

4.4.7	Lighting			
	Adequate natural or artificial lighting should be provided to enable the undertaking to operate in a hygienic manner. Where necessary, lighting should not be such that the resulting colour is misleading. The intensity should be adequate to the nature of the operation. Lighting fixtures should, where appropriate, be protected to ensure that food is not contaminated by breakages.			
4.4.8	Storage			
	Where necessary, adequate facilities for the storage of food, ingredients and non-food chemicals (e.g. cleaning materials, lubricants, fuels) should be provided.			
	Where appropriate, food storage facilities should be designed and constructed to:			
	• permit adequate maintenance and cleaning;			
	• avoid pest access and harbourage;			
	• enable food to be effectively protected from contamination during storage; and			
	• Where necessary, provide an environment which minimizes the deterioration of food (e.g. by temperature and humidity control).			
	The type of storage facilities required will depend on the nature of the food. Where necessary, separate, secure storage facilities for cleaning materials and hazardous substances should be provided.			

SECTION-V- CONTROL OF OPERATION

5.1	CONTROL OF FOOD HAZARDS			
	Food business operators should control food hazards through the use of systems such as HACCP.			
	They should:			
	• identify any steps in their operations which are critical to the safety of food;			
	• implement effective control procedures at those steps;			
	• monitor control procedures to ensure their continuing effectiveness; and			

	<ul style="list-style-type: none"> • review control procedures periodically, and whenever the operations change. 			
	These systems should be applied throughout the food chain to control food hygiene throughout the shelf-life of the product through proper product and process design.			
	Control procedures may be simple, such as checking stock rotation calibrating equipment, or correctly loading refrigerated display units. In some cases a system based on expert advice, and involving documentation, may be appropriate. A model of such a food safety system is described in <i>Hazard Analysis and Critical Control (HACCP) System and Guidelines for its Application</i> (Annex).			
5.2	KEY ASPECTS OF HYGIENE CONTROL SYSTEMS			
5.2.1	Time and temperature control			
	Inadequate food temperature control is one of the most common causes of foodborne illness or food spoilage. Such controls include time and temperature of cooking, cooling, processing and storage. Systems should be in place to ensure that temperature is controlled effectively where it is critical to the safety and suitability of food.			
	Temperature control systems should take into account:			
	<ul style="list-style-type: none"> • the nature of the food, e.g. its water activity, pH, and likely initial level and types of microorganisms; 			
	<ul style="list-style-type: none"> • the intended shelf-life of the product; 			
	<ul style="list-style-type: none"> • the method of packaging and processing; and 			
	<ul style="list-style-type: none"> • How the product is intended to be used, e.g. further cooking/processing or ready-to-eat. 			
	Such systems should also specify tolerable limits for time and temperature variations.			
	Temperature recording devices should be checked at regular intervals and tested for accuracy.			
5.2.2	Specific process steps			
	Other steps which contribute to food hygiene may include, for example:			
	<ul style="list-style-type: none"> • chilling 			
	<ul style="list-style-type: none"> • thermal processing 			
	<ul style="list-style-type: none"> • irradiation 			
	<ul style="list-style-type: none"> • drying 			

	• chemical preservation			
	• vacuum or modified atmospheric packaging			
5.2.3	Microbiological and other specifications			
	Where microbiological, chemical or physical specifications are used in any food control system, such specifications should be based on sound scientific principles and state, where appropriate, monitoring procedures, analytical methods and action limits.			
5.2.4	Microbiological cross-contamination			
	Pathogens can be transferred from one food to another, either by direct contact or by food handlers, contact surfaces or the air. Raw, unprocessed food should be effectively separated, either physically or by time, from ready-to-eat foods, with effective intermediate cleaning and where appropriate disinfection.			
	Access to processing areas may need to be restricted or controlled. Where risks are particularly high, access to processing areas should be only via a changing facility. Personnel may need to be required to put on clean protective clothing including footwear and wash their hands before entering.			
	Surfaces, utensils, equipment, fixtures and fittings should be thoroughly cleaned and where necessary disinfected after raw food, particularly meat and poultry, has been handled or processed.			
5.2.5	Physical and chemical contamination			
	Systems should be in place to prevent contamination of foods by foreign bodies such as glass or metal shards from machinery, dust, harmful fumes and unwanted chemicals. In manufacturing and processing, suitable detection or screening devices should be used where necessary.			

5.3	INCOMING MATERIAL REQUIREMENTS			
	No raw material or ingredient should be accepted by an establishment if it is known to contain parasites, undesirable micro-organisms, pesticides, veterinary drugs or toxic, decomposed or extraneous substances which would not be reduced to an acceptable level by normal sorting and/or processing. Where appropriate, specifications for raw materials should be identified and			

	applied.			
	Raw materials or ingredients should, where appropriate, be inspected and sorted before processing. Where necessary, laboratory tests should be made to establish fitness for use. Only sound, suitable raw materials or ingredients should be used.			
	Stocks of raw materials and ingredients should be subject to effective stock rotation.			
5.4	PACKAGING			
	Packaging design and materials should provide adequate protection for products to minimize contamination, prevent damage, and accommodate proper labeling. Packaging materials or gases where used must be non-toxic and not pose a threat to the safety and suitability of food under the specified conditions of storage and use. Where appropriate, reusable packaging should be suitably durable, easy to clean and, where necessary, disinfect.			
5.5	WATER			
5.5.1	In contact with food			
	Only potable water, should be used in food handling and processing, with the following exceptions:			
	<ul style="list-style-type: none"> • for steam production, fire control and other similar purposes not connected with food; and 			
	<ul style="list-style-type: none"> • In certain food processes, e.g. chilling, and in food handling areas, provided this does not constitute a hazard to the safety and suitability of food (e.g. the use of clean sea water). 			
	Water recirculated for reuse should be treated and maintained in such a condition that no risk to the safety and suitability of food results from its use. The treatment process should be effectively monitored. Recirculated water which has received no further treatment and water recovered from processing of food by evaporation or drying may be used, provided its use does not constitute a risk to the safety and suitability of food.			

5.5.2	As an ingredient			
	Potable water should be used wherever necessary to avoid food contamination.			
5.5.3	Ice and steam			
	Ice should be made from water that complies with section 4.4.1.			
	Ice and steam should be produced, handled and stored to protect them from contamination.			
	Steam used in direct contact with food or food contact surfaces should not constitute a threat to the safety and suitability of food.			
5.6	MANAGEMENT AND SUPERVISION			
	The type of control and supervision needed will depend on the size of the business, the nature of its activities and the types of food involved. Managers and supervisors should have enough knowledge of food hygiene principles and practices to be able to judge potential risks, take appropriate preventive and corrective action, and ensure that effective monitoring and supervision takes place.			
5.7	DOCUMENTATION AND RECORDS			
	Where necessary, appropriate records of processing, production and distribution should be kept and retained for a period that exceeds the shelf-life of the product. Documentation can enhance the credibility and effectiveness of the food safety control system.			
5.8	RECALL PROCEDURES			
	Managers should ensure effective procedures are in place to deal with any food safety hazard and to enable the complete, rapid recall of any implicated lot of the finished food from the market.			
	Where a product has been withdrawn because of an immediate health hazard, other products which are produced under similar conditions, and which may present a similar hazard to public health, should be evaluated for safety and may need to be withdrawn. The need for public warnings should be considered.			

	Recalled products should be held under supervision until they are destroyed, used for purposes other than human consumption, determined to be safe for human consumption, or reprocessed in a manner to ensure their safety.			
SECTION VI - ESTABLISHMENT: MAINTENANCE AND SANITATION				
6.1	MAINTENANCE AND CLEANING			
6.1.1	General			
	Establishments and equipment should be kept in an appropriate state of repair and condition to:			
	• facilitate all sanitation procedures;			
	• function as intended, particularly at critical steps (see paragraph 5.1);			
	• prevent contamination of food, e.g. from metal shards, flaking plaster, debris and chemicals.			
	Cleaning should remove food residues and dirt which may be a source of contamination. The necessary cleaning methods and materials will depend on the nature of the food business.			
	Disinfection may be necessary after cleaning.			
	Cleaning chemicals should be handled and used carefully and in accordance with manufacturers' instructions and stored, where necessary, separated from food, in clearly identified containers to avoid the risk of contaminating food.			
6.1.2	Cleaning procedures and methods			
	Cleaning can be carried out by the separate or the combined use of physical methods, such as heat, scrubbing, turbulent flow, vacuum cleaning or other methods that avoid the use of water, and chemical methods using detergents, alkalis or acids.			
	Cleaning procedures will involve, where appropriate:-			
	• removing gross debris from surfaces;			
	• applying a detergent solution to loosen soil and bacterial film and hold them in solution or suspension;			

	<ul style="list-style-type: none"> • rinsing with water which complies with section 4, to remove loosened soil and residues of detergent; 			
	<ul style="list-style-type: none"> • dry cleaning or other appropriate methods for removing and collecting residues and debris; and 			
	<ul style="list-style-type: none"> • Where necessary, disinfection with subsequent rinsing unless the manufacturers' instructions indicate on scientific basis that rinsing is not required. 			
6.2	CLEANING PROGRAMMES			
	Cleaning and disinfection programmes should ensure that all parts of the establishment are appropriately clean, and should include the cleaning of cleaning equipment.			
	Cleaning and disinfection programmes should be continually and effectively monitored for their suitability and effectiveness and where necessary, documented.			
	Where written cleaning programmes are used, they should specify:			
	<ul style="list-style-type: none"> • areas, items of equipment and utensils to be cleaned; 			
	<ul style="list-style-type: none"> • responsibility for particular tasks; 			
	<ul style="list-style-type: none"> • method and frequency of cleaning; and 			
	<ul style="list-style-type: none"> • monitoring arrangements. 			
	Where appropriate, programmes should be drawn up in consultation with relevant specialist expert advisors.			
6.3	PEST CONTROL SYSTEMS			
6.3.1	General			
	Pests pose a major threat to the safety and suitability of food. Pest infestations can occur where there are breeding sites and a supply of food. Good hygiene practices should be employed to avoid creating an environment conducive to pests. Good sanitation, inspection of incoming materials and good monitoring can minimize the likelihood of infestation and thereby limit the need for pesticides.			
6.3.2	Preventing access			
	Buildings should be kept in good repair			

	and condition to prevent pest access and to eliminate potential breeding sites. Holes, drains and other places where pests are likely to gain access should be kept sealed. Wire mesh screens, for example on open windows, doors and ventilators, will reduce the problem of pest entry. Animals should, wherever possible, be excluded from the grounds of factories and food processing plants.			
6.3.3	Harbourage and infestation			
	The availability of food and water encourages pest harbourage and infestation. Potential food sources should be stored in pest-proof containers and/or stacked above the ground and away from walls. Areas both inside and outside food premises should be kept clean. Where appropriate, refuse should be stored in covered, pest-proof containers.			
6.3.4	Monitoring and detection			
	Establishments and surrounding areas should be regularly examined for evidence of infestation.			
6.3.5	Eradication			
	Pest infestations should be dealt with immediately and without adversely affecting food safety or suitability. Treatment with chemical, physical or biological agents should be carried out without posing a threat to the safety or suitability of food.			
6.4	WASTE MANAGEMENT			
	Suitable provision must be made for the removal and storage of waste. Waste must not be allowed to accumulate in food handling, food storage, and other working areas and the adjoining environment except so far as is unavoidable for the proper functioning of the business.			
	Waste stores must be kept appropriately clean.			
6.5	MONITORING EFFECTIVENESS			

	Sanitation systems should be monitored for effectiveness, periodically verified by means such as audit pre-operational inspections or, where appropriate, microbiological sampling of environment and food contact surfaces and regularly reviewed and adapted to reflect changed circumstances.			
SECTION-VII- ESTABLISHMENT:- PERSONAL HYGIENE				
7.1	HEALTH STATUS			
	People known, or suspected, to be suffering from, or to be a carrier of a disease or illness likely to be transmitted through food, should not be allowed to enter any food handling area if there is a likelihood of their contaminating food. Any person so affected should immediately report illness or symptoms of illness to the management.			
	Medical examination of a food handler should be carried out if clinically or epidemiologically indicated.			
7.2	ILLNESS AND INJURIES			
	Conditions which should be reported to management so that any need for medical examination and/or possible exclusion from food handling can be considered, include:			
	• jaundice;			
	• diarrhoea;			
	• vomiting;			
	• fever;			
	• sore throat with fever;			
	• Visibly infected skin lesions (boils, cuts, etc.);			
	• Discharges from the ear, eye or nose.			
7.3	PERSONAL CLEANLINESS			
	Food handlers should maintain a high degree of personal cleanliness and, where appropriate, wear suitable protective clothing, head covering, and footwear. Cuts and wounds, where personnel are permitted to continue working, should be covered by suitable waterproof dressings. Personnel should always wash their hands when personal cleanliness may affect food			

	safety, for example:-			
	• at the start of food handling activities			
	• immediately after using the toilet; and			
	• after handling raw food or any contaminated material, where this could result in contamination of other food items; they should avoid handling ready-to-eat food, where appropriate.			
7.4	PERSONAL BEHAVIOUR			
	People engaged in food handling activities should refrain from behaviour which could result in contamination of food, for example:			
	• smoking;			
	• spitting;			
	• chewing or eating;			
	• sneezing or coughing over unprotected food.			
	Personal effects such as jewellery, watches, pins or other items should not be worn or brought into food handling areas if they pose a threat to the safety and suitability of food.			
7.5	VISITORS			
	Visitors to food manufacturing, processing or handling areas should, where appropriate, wear protective clothing and adhere to the other personal hygiene provisions in this section.			
SECTION-VIII- TRANSPORTATION				
8.1	GENERAL			
	Food must be adequately protected during transport. The type of conveyances or containers required depends on the nature of the food and the conditions under which it has to be transported.			
8.2	REQUIREMENTS			
	Where necessary, conveyances and bulk containers should be designed and constructed so that they:			
	• do not contaminate foods or packaging;			
	• can be effectively cleaned and,			

	where necessary, disinfected'			
	<ul style="list-style-type: none"> • permit effective separation of different foods or foods from non-food items where necessary during transport; 			
	<ul style="list-style-type: none"> • provide effective protection from contamination, including dust and fumes; 			

	<ul style="list-style-type: none"> • can effectively maintain the temperature, humidity, atmosphere and other conditions necessary to protect food from harmful or undesirable microbial growth and deterioration likely to render it unsuitable for consumption; and 			
	<ul style="list-style-type: none"> • allow any necessary temperature, humidity and other conditions to be checked 			
8.3	USE AND MAINTENANCE			
	Conveyances and containers for transporting food should be kept in an appropriate state of cleanliness, repair and condition. Where the same conveyance or container is used for transporting different foods, or non-foods, effective cleaning and, where necessary, disinfection should take place between loads.			
	Where appropriate, particularly in bulk transport, containers and conveyances should be designated and marked for food use only and be used only for that purpose.			
SECTION-IX- PRODUCT INFORMATION AND CONSUMER AWARENESS				
9.1	LOT IDENTIFICATION			
	Lot identification is essential in product recall and also helps effective stock rotation. Each container of food should be permanently marked to identify the producer and the lot. Codex General Standard for the Labelling of Prepackaged Foods (CODEX STAN 1-1985, Rev. 1(1991)) applies.			
9.2	PRODUCT INFORMATION			

	All food products should be accompanied by or bear adequate information to enable the next person in the food chain to handle, display, store and prepare and use the product safely and correctly.			
9.3	LABELLING			
	Prepackaged foods should be labelled with clear instructions to enable the next person in the food chain to handle, display, store and use the product safely, Codex General Standard for the Labelling of Pre-packaged Foods (CODEX STAN 1-1985, Rev,(1991) applies.			
9.4	CONSUMER EDUCATION			
	Health education programmes should cover general food hygiene. Such programmes should enable consumers to understand the importance of any product information and to follow any instructions accompanying products, and make informed choices. In particular consumers should be informed of the relationship between time/temperature control and foodborne illness.			
SECTION-V- TRAINING				
10.1	AWARENESS AND RESPONSIBILITIES			
	Food hygiene training is fundamentally important. All personnel should be aware of their role and responsibility in protecting food from contamination or deterioration.			
	Food handlers should have the necessary knowledge and skills to enable them to handle food hygienically.			
	Those who handle strong cleaning chemicals or other potentially hazardous chemicals should be			

	instructed in safe handling techniques.			
10.2	TRAINING PROGRAMMES			
	Factors to take into account in assessing the level of training required includes:			
	<ul style="list-style-type: none"> the nature of the food, in particular its ability to sustain growth of pathogenic or spoilage micro-organisms; 			
	<ul style="list-style-type: none"> the manner in which the food is handled and packed, including the probability of contamination; 			
	<ul style="list-style-type: none"> the extent and nature of processing or further preparation before final consumption; 			
	<ul style="list-style-type: none"> the conditions under which the food will be stored; and 			
	<ul style="list-style-type: none"> the expected length of time before consumption. 			
10.3	INSTRUCTION AND SUPERVISION			
	Periodic assessments of the effectiveness of training and instruction programmes should be made, as well as routine supervision and checks to ensure that procedures are being carried out effectively.			
	Managers and supervisors of food processes should have the necessary knowledge of food hygiene principles and practices to be able to judge potential risks and take the necessary action to remedy deficiencies.			
10.4	REFRESHER TRAINING			
	Training programmes should be routinely reviewed and updated where necessary. Systems should be in place to ensure that food handlers remain aware of all procedures necessary to maintain the safety and suitability of food.			

Checklist filled by (name):
Designation in the food business organization:
Dated:

Signature:

Annexure-III

Ministry of Food Processing Industries
Government of India

AFFIDAVIT

**I.....S/W/D/o.....Resident ofdirector
Proprietor of M/s.....do hereby solemnly affirms and state as follows:-**

2. That I am the deponent herein and I am fully acquainted with the information given below:-

- (a) that company has not obtained any financial assistance for implementation of HACCP/ ISO 9001, ISO 22000/GHP/GMP in the past from MFPI.
- (b) that the organisation has not obtained/applied for or will not obtain any grant/subsidy from any Ministry/Department of Central Govt./Government of India organisation/agencies and State Govt. for the same purpose/activity/same components.

3. That all the papers documents submitted to Ministry of Food Processing Industries are true and correct and nothing is concealed.

Deponent

All the above information at 1, 2 & 3 are true and correct.

Deponent

Solemnly affirmed and signed before me on this day.....

(Notary)

Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created / acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligers.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____
Dated _____ passed by the governing body of the Obligers, a copy whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the president on the date appearing below:-

Signature of the AUTHORISED SIGNATORY
Signed for and on behalf of
(Name of the Obliger in block letters)
(Seal / Stamp of Organization)

1. Signature of witness
Name & Address

2. Signature of witness
Name & Address

TO BE FILLED UP BY THE MINISTRY OF FOOD PROCESSING INDUSTRIES
(ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Dated: _____

Notary Seal & Signature

DETAILS OF PLANT & MACHINERY INSTALLED

Name of the Company: _____

Complete address of the Factory/Unit: _____

This is certified that the following Plant & Machinery has been purchased and installed as per proposed proposal:

Sr. No	Proposed					Actual			
	Name of the Machinery/ equipment/Item	Capacity	No. of Units	Rate/ unit (₹)	Total Cost (₹)	Capacity	No. of Units	Rate/ unit (₹)	Total Cost (₹)
1									
2									
3									

2. It is further certified that Plant & Machinery installed is new and has been purchased after submission of application for financial assistance in the Ministry of Food Processing Industries

(Signature)
Name of Authorised Signatory
of the firm with stamp

DETAILS OF ACTUAL TECHNICAL CIVIL WORK DONE

Name of the Company: _____

Complete address of the Factory/Unit: _____

This is certified that the following Technical Civil Works has been completed as per proposed proposal:

Sr. No	Proposed				Actual	
	Name of item/Work	Area (Sq. Ft)	Rate/ Sq. Ft (₹)	Total Cost (₹)	Area (Sq. Ft)	Rate/ Sq. Ft (₹)

2. It is further certified that Technical Civil Works has been done after submission of application for financial assistance in the Ministry of Food Processing Industries

(Signature)
Name of Authorised Signatory
of the firm with stamp

**C.A. CERTIFICATE FOR ACTUAL PROJECT COST AND
MEANS OF FINANCE**

Name of the Company/Firm: _____

Complete address of the Factory/Unit: _____

The following expenditure incurred on the project i.e. implementation of _____ (Name of Quality/Food Safety Management system– HACCP/ISO 22000/ISO 9001/GHP/GMP etc.) with corresponding sources of finance:-

(a) Project Cost: **(Amount in ₹)**

Head of Cost	Proposed	Approved	Actual cost as on.....
Consultant Fee			
Fee charged by Certification Agency			
Plant & Machinery			
Technical Civil Works			
Other Expenditure			
Total			

(b) Means of Finance **(Amount in ₹)**

	Proposed	Approved	Actual as on.....
Promoters Capital			
Bank Term Loan			
Grant from MFPI			
Unsecured Loan			
Others			
Total			

(c) Details of Unsecured Loan, if any.

S. No.	Name of Person	PAN No.	Amount in ₹
	Total		

2. Kinds of documents checked:-

- i. Invoices/Bills
- ii. Profit and loss accounts
- iii. Balance Sheet

(Signature)
Name of Consultant with stamp

(Signature)
Name & Address of the
Chartered Accountant with stamp

UNDERTAKING
(ON THE LETTER HEAD OF THE FIRM)

Name of the Company: _____

Complete address of the Factory/Unit: _____

We do hereby state that implementation of ISO 22000 and/or HACCP (whichever is applicable) will be continued atleast for a period of 3 years from the date of issue of certificate and guidelines & conditions stipulated in the certificate and FSMS Manual will be followed by the organization, failing which the firm is liable to refund the entire amount of grant-in-aid along with interest @ 10% per annum.

(Signature)
Name of Authorised Signatory
of the firm with stamp

**Revised Guidelines
For

The Scheme of
Research & Development in
Processed Food Sector
During 2017-2020**

**Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan
August Kranti Marg
New Delhi - 110 049
www.mofpi.nic.in**

F.No. Q-30/1/2018-R&D

Date 30.01.2019

MINISTRY OF FOOD PROCESSING INDUSTRIES

Revised Guidelines For The Scheme of Research & Development In Processed Food Sector During 2017-2020

1. INTRODUCTION

The Ministry of Food Processing Industries (MoFPI) extends financial assistance as grant- in-aid to various institutions/universities, Public funded organizations and recognized R&D laboratories both in public and private sector, to promote and undertake demand driven R&D work in the field of Food Processing Sector for product and process development, design and development of equipment, improved storage, shelf-life, packaging etc.

From 1st April, 2017 onwards, the scheme is being implemented directly by the Ministry of Food Processing Industries, Panchsheel Bhawan, August Kranti Marg, New Delhi – 110049.

2. OBJECTIVE

Objective of the scheme is that the end product / outcome / findings of R&D work should benefit Food Processing Industry in terms of product and process development, improved preservation, packaging, storage and distribution technologies, value addition, standardization of additives, coloring agents, preservatives, pesticide residues, etc. with focus on enhancement of production, quality, consumer safety, public health and trade.

3. ELIGIBLE INSTITUTIONS

All Universities, IITs, Central/State Government Institutions, Government funded Organisations, R&D laboratories and CSIR recognized R&D units in private sector.

4. ELIGIBLE PURPOSES

4.1 Ministry supports research proposals preferably of applied nature with commercial value resulting in development of innovative products, processes and manufacturing practices, which lead to development of food processing industry in the country.

4.2 Preference would be given to those R&D project proposals which are beneficial for SMEs and farmers, use outcome/ findings of previous R&D projects and are intended towards its commercialization.

4.3 There should be an industrial partner associated with the project. The R&D projects would be carried out in collaboration with the industrial partner, which can take up/ purchase/ commercialize outcome of the project. However, this condition of having an industry partner in the project, may not be applicable, if MoFPI chooses to direct IIFPT, NIFTEM or any other public body to undertake a specific research in public interest.

5. FUNDING PATTERN

5.1 For the Government organizations/universities/institutions, grant is given for the following:

- i) 100% of cost of equipment, consumables and expenditure related to Junior Research Fellow/Senior Research Fellow /Research Associate (JRF/SRF/RA) specific to the project of specified duration for maximum of three years.
- ii) The emoluments for JRF/SRF/RA engaged in the MOFPI's R&D projects will be governed as per the norms of applicant institution / but not exceeding scale laid down for the respective post by DST, ICAR, CSIR etc. Wherever, the norms of DST,ICAR,CSIR etc. have been adopted by applicant institutions, the emoluments may be revised based on notifications in this regard issued by the above agencies. Research Assistant(s)/ Project Assistant(s) may be engaged as an alternative to JRF/SRF/ Research Associate. The emoluments for such Research Assistant(s)/ Project Assistant (s) will be as per the norms of applicant institution but not exceeding the scale laid down for Junior Research Fellow (JRF) of DST. No assistance will be provided for already existing equipment.
- (iii) Lump sum provision up-to Rs.1 Lakh for TA/ DA for project related travel like survey, data/sample collection, etc. and for attending the meetings of the Expert Committee to present the project proposal and subsequently for the project review presentation. TA/DA will be given for an approved project only.
- (iv) Institutional Charges equal to 10% of project cost subject to maximum of Rs. 3 lakh for non-academic institutions and Rs. 5 Lakh for academic institutions.

5.2 For Private organizations/universities/institutions, grant is given to the tune of 50% of equipment cost in general areas and 70% in difficult areas.

- 5.3 Difficult areas include J&K, Himachal Pradesh, Uttarakhand, Sikkim, North-Eastern States, Andaman & Nicobar Islands, Lakshadweep, and Integrated Tribal Development Project (ITDP) areas.
- 5.4 100% Grant is provided for the Ministry's sponsored projects, restricted only to public funded organizations of repute, in the cases of cutting edge areas of research leading to development of innovative products, processes, manufacturing practices and technology .

6. HOW TO APPLY

- 6.1. The Principal Investigator (P.I.) may submit research proposal (three copies along-with a soft version) in prescribed standard proforma (ANNEXURE-A) to the Ministry of Food Processing Industries, Panchsheel Bhawan, August Kranti Marg, New Delhi – 110049. Applications for research grants can be submitted at any time during the year.
- 6.2. The application should be forwarded, through the Head of the concerned institution duly certified that (i) the required facilities (viz: land, buildings, laboratory, manpower and other infrastructure etc) are available and will be provided to the investigator(s) to work on the proposed project, and (ii) the department/university/institute will discharge all its obligations, particularly in respect of management of the grant given and patenting as well as commercialisation of the end product.
- 6.3. Three hard copies and one soft copy of the project proposal must be submitted along with the supporting documents (viz: 1. An affidavit / undertaking duly notarized/verified by Competent Authority / Head of the organization in compliance with Rule 230 (1) of GFR 2017 [ANNEXURE-E], 2. A consent letter from industrial partner, confirming that the outcome of the research will be taken up/purchased /commercialized by the industrial partner.
- 6.4. Depending on the magnitude and nature of research involved a research project may have more than one investigator and, in such a case, the first investigator shall be known as "Principal Investigator" (PI). In the event of a collaborative project involving two or more institutions, the consent of each institution must be furnished with the proposal.
- 6.5. Research proposals must be prepared after extensive and exhaustive consultation of available literature and references to ensure that there is no duplication of work. Proposals will be considered only when the end product

is new, innovative, and has commercial value or has relevance to Food Processing Sector.

7. PROCEDURE FOR APPROVAL OF PROPOSALS

- 7.1. Ministry will evaluate the proposals comprising of peer review and/or evaluation by an Expert Committee. In the case of private sector research proposals, the concerned State Govt. representative may be invited to attend the Expert Committee meeting for consideration of such proposals.
- 7.2. After approval of the competent authority, in-principle approval of the project proposal for the approved grant amount will be conveyed to the applicant university/institute/organization and after fulfillment of all the required criteria, sanction will be issued for release of first/second/third installment of grant as per these orders.

8. PROCEDURE FOR RELEASE OF FUNDS

8.1 Release of Funds:

8.1.1. Release of funds for Government/Public Funded Organizations:

- a. After fulfillment of all the required criteria as per para. 8.2.1 (a), first installment of grant comprising (a) 100% of the approved cost of equipment (or as required by the applicant research organization), (b) 50% of the approved cost towards JRF / SRF / RA / Research Assistant / Project Assistant, (c) 50% of the approved cost towards consumables, (d) 50% of the approved cost towards TA/DA, and (e) 50% of the approved institutional charges will be released.
- b. After fulfillment of all the required criteria as per para. 8.2.1(b), second installment of grant comprising (a) 40% of the approved cost towards JRF/SRF/RA/ Research Assistant / Project Assistant, (b) 40% of the approved cost towards consumables, (c) 40% of the approved cost towards TA/DA and (d) 40% of the approved institutional charges will be released.

- c. After fulfillment of all the required criteria as per para. 8.2.1(c), third/ final installment of grant comprising (a) 10% of the approved cost towards JRF/SRF/RA /Research Assistant / Project Assistant, (b) 10% of the approved cost towards consumables, (c) 10% of the approved cost towards TA/DA and (d) 10% of the approved institutional charges will be released.

8.1.2. Release of funds for Private Organizations:

- a. After fulfillment of all the required criteria as per para.8.2.1 (a), first installment of grant comprising 50% of total grant approved for equipment will be released.
- b. After fulfillment of all the required criteria as per para.8.2.1 (b), second installment of grant comprising of 40% of the total grant approved for equipment will be released.
- c. After fulfillment of all the required criteria as per Para.8.2.1(c), final installment of grant comprising 10% of the approved grant for equipment will be released.

8.2. Documents required to be submitted before each release:

- a. Documents required for release of 1st Installment:
 - i. Compliance with the standard conditions as per Annexure- F.
 - ii. Govt. / Public Sector Organizations /Universities/ Institutions shall submit copy of quotation(s) for the equipment to be procured out of grant-in-aid. Private organizations / universities / institutions shall submit copy of the quotations alongwith the purchase order for the equipment to be procured out of 1st installment.
 - iii. Consent of the industrial partner, confirming that the outcome of the research will be taken up/purchased/ commercialized by that industrial partner.

- iv. Submission of an affidavit/undertaking in compliance with Rule 230 (1) of GFR 2017 (ANNEXURE-E).
 - v. Submission of notarized surety bond of Rs. 100/- in the case of private organizations / universities / institutions (ANNEXURE-G). (As per Rule 231 (3) of GFR 2017, execution of surety bond will not apply to quasi- Government institutions, central autonomous organizations and institutions whose budget is approved by Government.)
- b. Documents required for release of 2nd Installment:**
- i. Statement of expenditure (issued by the Competent Authority) countersigned by Chartered Accountant clearly bringing out the expenditure incurred by the applicant from their own internal resources and from the assistance provided by MoFPI, with detailed breakup.
 - ii. In the case of Government Organization/ Institute/ University where 100% cost of equipment grant is released in 1st installment, the applicant University/Institute/organisation must submit the copies of purchase order/invoice for whole equipment as approved by Expert Committee, alongwith statement of expenditure and progress report.
 - iii. In case the applicant University /Institute/organization opts for release of less than 100% of cost of equipment grant in the 1st instalment, the applicant University / Institute/organisation must submit the copies of invoice/bill of equipment purchased out of 1st intalment grant alongwith quotation for equipment to be purchased out of 2nd instalment grant with statement of expenditure and progress report.
 - iv. Further, in the case of private organizations / institutions, they should submit copies of purchase order for the equipment to be purchased out of second instalment alongwith statement of expenditure and progress report.
- c. Documents required for release of 3rd and final instalment:**
- i. Submission and acceptance of Final Project Completion Report (FPCR) in the prescribed format i.e. as per Annexure- C.

- ii. Statement of expenditure (issued by the Competent Authority) countersigned by Chartered Accountant clearly bringing out the expenditure incurred by the applicant from their own internal resources and from the assistance provided by MoFPI, with detailed breakup.
 - iii. In the case of Private Organization/ Institute they should submit copies of invoice/bill for approved equipment, as also duly audited accounts indicating that the entire expenditure has been incurred on the purchase of the approved equipment.
- 8.3. The findings of the project shall be made available (preferably with the demonstration) before the appraising team as and when required.

9. FINAL PROJECT COMPLETION REPORT (FPCR)

- 9.1. The applicant university/institute/organization must submit the FPCR in prescribed format as per (ANNEXURE-C) and shall also discuss how the technology is going to be commercialized, patented and its future potential for technological advancement. The details of scientists/scholars trained and expertise developed, their qualification along with the permanent address shall also be mentioned in the FPCR.
- 9.2. The PI is required to submit FPCR (ten copies) for the entire duration, within three months from the date of completion of the project. The report must be in detail and should include information about (a) the original objective(s) of the scheme, (b) how far these objective(s) have been achieved, and (c) how the results have benefited the country's technological development or enriched the existing knowledge pool on the subject. The actual research achievements made under the scheme may be summarized in about 200 words and mentioned in the FPCR to facilitate publication of the same by MoFPI and for making available on the website of MoFPI.
- 9.3. Copies of manuscripts, preprints and reprints of papers arising from the work completed under the scheme should be attached to the FPCR. Failure to submit the FPCR on completion of the scheme will disqualify the investigator from seeking further assistance from MoFPI. The names of defaulting Principal Investigators (P.Is.)/Institute will be circulated to all the

funding agencies and this may lead to the concerned Investigators/Institute not getting any assistance for his/her new projects in future.

10. TENURE, PROGRESS REPORT

- 10.1. The tenure of a project would normally be 3 years or less as proposed by the investigator. The start of project will be considered from the date of issue of in-principle approval letter for the project. Expert Committee (EC) of MoFPI will evaluate the progress of schemes to ensure that the funds are effectively utilized as per the intended objectives. For this purpose PIs are required to submit a comprehensive progress report as per the format (ANNEXURE- B) as and when demanded by MoFPI, normally after one year. In the case of some deserving cases depending upon the satisfactory progress, MoFPI may extend the project period to one more year on a case-to-case basis without any financial implication.
- 10.2. Progress of the project will be monitored through progress report submitted or onsite inspection (if required) of the project. Periodic review may also be taken by the Expert Committee.

11. RESULTS OF RESEARCH AND INTELLECTUAL PROPERTY(IP) RIGHTS

- 11.1 Investigators are encouraged to seek legal/patent protection for the outcome of research.
- 11.2 Investigators are also encouraged to publish the results of research only after filing the necessary relevant IP protection applications. While doing so, acknowledgement to the effect that financial assistance was received from MoFPI should be made in the research paper(s) published. MoFPI should be acknowledged in similar type of other published work/press reports (please note: releasing to the press before IP protection may invalidate the prior art of the invention as it becomes known to public).
- 11.3 Project Investigators (PI) are encouraged to avail assistance for filing and obtaining patents for research outcome of MoFPI assisted projects through Technology Information, Forecasting and Assessment Council (TIFAC), an autonomous organization under the Department of Science &

Technology. Patent Facilitating Centre (PFC) under TIFAC will facilitate filing and obtaining patents for academic institutions and universities without any charges as MoFPI will make necessary arrangement for the same directly with PFC, TIFAC. The interested PIs/ organizations may apply to:

The Head, Patent Facilitating Centre (PFC), TIFAC, 5th Floor, A-wing, Vishwakarma Bhavan, Sheedjeet Singh Marg, New Delhi-110016 Tel No. 011-4242808/26967458,

Email: dirpfc.tifac@gmail.com for this purpose as per the guidelines of PFC. Copies of such applications may also be endorsed to the Ministry (in such case only MoFPI endorsed applications would be entertained by FPFC).

- 11.4 While PI is recognized as inventor, the title to the patent, or other legal protection accorded to the results of research, shall vest with University/Institute.
- 11.5 Ministry of Food Processing Industries shall reimburse the administrative and other charges, if any, to PFC, TIFAC on this account.
- 11.6 Private institutions may also avail the benefit of this scheme for filing and obtaining patents through PFC, TIFAC under DST, provided they are registered as educational society under the Societies Act.

12. OPERATION OF FUNDS

The general conditions to be complied for operation of the funds are as follows:

- i) The detailed statement of the expenditure certified by the Accounts Officer and countersigned by the Finance Officer/ Registrar / Administrator of the university/institute/organization/ Head of the Department or Chartered Accountant (as required) should be submitted to MoFPI.
- ii) Any unspent balance from earlier payment lying with the Institution at any time due to termination/resignation of the Fellow, etc. must be refunded to MoFPI immediately by means of demand draft in favour of Fund for PAO, Ministry of Food Processing Industries. In case the unspent balance is not returned within three months, it will attract interest as per the existing General Financial Rules (GFR 2017).

- iii) University/institute/organization receiving grants shall have to maintain separate accounts for each research project on ledger type system.
- iv) The released grant shall not be diverted or spent other than for what it has been approved.
- v) All equipments purchased out of the grant shall be the property of the Government of India and have to be entered into the Stock Register maintained by the University/Institution and also in a separate Register maintained by the project Investigator and certified by the Head of the Department.
- vi) The university /institute /organization shall be responsible for the safe custody of the equipment purchased out of the grant.
- vii) Items of equipment should be purchased following a transparent, fair and competitive tender system Second hand equipment is not eligible for grant-in-aid.
- viii) A list of equipment purchased is to be appended with the application for 2nd instalment. The name, description of the equipment, cost in rupees, date of purchase, and the name of the supplier, may be given in the list. The main purpose/function of the equipment may also be mentioned against each item. Equipment should be purchased within 4 months from the date of receipt of the sanction letter of respective installments, otherwise the grant shall be liable to be cancelled and be called back.
- ix) After the termination of project, the University/institute/organization may retain all the equipment purchased for the purpose of the project out of MoFPI grant. A label with the legend "MoFPI FUNDED" shall be stuck prominently on the equipment.
- x) The research carried out with the financial assistance of MoFPI shall be in public domain. The facilities created thereof may be utilized as Business/R&D Incubation Centre after the research is completed for testing/research/product development, etc by other institutes/ organizations on payment basis.

- xi) The books of accounts of the grantee institution shall be open to inspection by the sanctioning authority/audit and by any other authority specified by the Ministry, whenever the institution is called upon to do so.

13. OBLIGATIONS OF PRINCIPAL INVESTIGATOR

The following are the obligations of the PI of a research scheme:

- i) The sanctioned research scheme must commence within 4 months from the date of receipt of the sanction letter of first instalment, unless otherwise authorized by MoFPI, failing which the grant shall be liable to be cancelled and be called back.
- ii) It is mandatory for the PI/Co-PI to come to the Progress Review Presentation when invited to present the progress of the work done on the scheme.
- iii) Acknowledgement of the support given by MoFPI in all the publications arising from the work done under the scheme. MoFPI should be acknowledged in similar type of other published work/press reports etc.
- iv) Submission of the final project completion report (ANNEXURE-C) within 3 months of completion of the project, describing original objective(s), how far these objective(s) have been achieved and how the results have benefited the technological development or enriched the existing knowledge on the subject and enclosing manuscripts, preprints and reprints of the papers arising from the scheme.
- v) Claim for any dues must be made immediately. Submission of the utilization certificate and audited statement of accounts for the grants paid and to arrange refund of unspent amount of the grant must be made immediately on completion of the project. Claim of bills in any case will not be entertained after six months of the completion of project.
- vi) Sending of one reprint of each research paper(s) published as a result of the work done under the MoFPI grant to R&D Division of MoFPI as and when published. (Please ensure that in case you desire to file a patent, it must be done before publishing the results).

- vii) In the event of a PI proceeds on leave or takes up an assignment, alternative arrangements shall be made by the organization, so that project does not suffer.

14. INDEPENDENT ANNUAL EVALUATION

Ministry may undertake evaluation of the project (s) through a 3rd party having requisite expertise in the matter.

Note: These terms and conditions supersede all previous instructions issued in regard to R&D scheme. In all matters, decision taken by Secretary, MoFPI shall be final.

FORMAT FOR SUBMISSION OF PROJECT

(To be filled by applicant)

1. Project Title
2. Broad Subject:
 - I. Product development
 - II. Processing
 - III. Packaging
 - IV. Equipment – Design and Development
 - V. Storage
 - VI. Shelf Life
 - VII. Any other (Please specify)
3. Duration in months
4. Total cost
5. Foreign Exchange Component
6. Principal Investigator
 - 6.1: Category (SC/ST/Others)
7. Designation
8. Department
9. Institute
10. Address
11. Date of Birth: Sex (M/F)
12. Telephone / Fax / E-mail
13. Co-Investigator
14. Designation
15. Department
16. Institute

17. Address

18. Date of Birth: Sex (M/F)

19. Telephone / Fax / E-mail

(Repeat 13 to 19 for additional Co-Investigators, if any)

20. Project summary (maximum 150 words)

21. Key words (maximum 6)

22. Technical details

22.1. Introduction (under the following heads)

22.1.1. Origin of the proposal

22.1.2. Definition of the problem

22.1.3. Objectives

22.1.4. Process/Technology/design of any new machinery and products to be developed including by-products, if any:

22.1.5. Uses of products and by-products:

22.1.6. How demand is being met-indigenous / imported:

22.1.7. Salient features of existing technology/manufacturing problems and technological gaps:

22.1.8. Details of new or improved technology to be developed:

22.1.9. Demand assessment for both domestic and export markets

22.2. Review of status of Research and Development in the subject

22.2.1. International status

22.2.2. National status

22.2.3. Novelty Importance of the proposed project in the context of current status

22.2.4. If the project is location specific, basis for selection of location.

23. Target beneficiaries of the proposed work

24. Review of expertise available with the PI, the proposed investigating group/institution in the subject of the project

- 24.1. Preliminary work already done on the project. Status of research / development by the organization or at the collaborating research laboratory, if any, their scope of work and role in the present project.
- 24.2. Details of Industrial partner indicating name and address of the Industrial unit, who has been associated in the R&D project and its financial contribution, if any. Consent letter of the Industrial partner is to be attached.
- 24.3. If applicant is an industrial unit linked with an R&D institution that may provide technical input, please furnish signed agreement.
- 24.4. Brief history of the Institution / Industrial firm including products being made, capacities, related collaborations, achievements, R&D capabilities, etc. (latest annual report and company brochure may be given):
- 24.5. Details of the Institute:
- (a) Status of the Institute:
- | | | |
|--------------------------|--------------------------|--------------------------|
| Public funded | Public funded | Industry |
| Academic Institute | Research Lab | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | |
| Private University | Private College | Private Research Lab |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- (b) Whether Institution is a CSIR/ICAR/ICMR/SAU organization
- (c) Whether In-house R&D unit of the firm is recognized by DSIR, Ministry of Science & Technology
- (d) Please indicate recent major achievements of In-house R&D unit of the Industrial firm in development of new products/processes, indigenous development of capital goods, absorption, adaptation and up gradation of the imported technology, if any.
- 24.6 Details of the manpower available (Give separate details for Executive and Collaborating Agencies).
- a)
- | | |
|------------------------------------|---|
| Ph. Ds | - |
| Engineers | - |
| Scientists | - |
| Post/graduates | - |
| Total S&T Manpower in the R&D Unit | - |

- b) Number of other staff in R&D unit -
(Technical/Non-Technical)

24.7 Financial capabilities of the Executing Agency (in case of Private Institutes other than universities)

Please provide Memorandum & Articles of Association of the company, Annual Reports for the last 3 years, sources of financing the proposed project and financial commitment letter from the competent authority for undertaking the proposed project.

25. Patent details (domestic and international), if applicable

26. Sustainability: Issues relating to sustainability, including stakeholder commitment, operation and maintenance of assets after project completion, and other related issues.

27. Work plan

- 27.1 Methodology
- 27.2 Organization of work elements
- 27.3 Time schedule of activities giving milestones (bar diagram)
- 27.4 Do the physical and financial targets (given in section 30) match with each other
- 27.5 Suggested plan of action for utilization of research outcome expected from the project.

28. The development "Outcomes" and "Outputs" of the project (This may include broad details of relevant aspects)

- 28.1 Expected number of prototypes / pilot plant.
- 28.2 Expected optimization / improvements in products / process design/performance, etc.
- 28.3 Improvements in productivity, yields, efficiencies / quality, value added etc. / (to be quantified)
- 28.4 Any other benefits

29. Economic implications of the proposed work, if any.

30. BUDGET ESTIMATES:**30.1. BUDGET SUMMARY FOR THE GOVERNMENT ORGANIZATIONS / UNIVERSITIES / INSTITUTIONS:**

Sl.No.	Item	Budget			(In Rupees)
		1 st Year	2 nd Year	3 rd Year	Total
A	Non-recurring (Capital Items)				
I	Pmt Equipment				
B	Recurring (General)				
I	Salaries				
II	Consumables				
III	TA/DA				
IV	Institutional Charges				
	Total (General)				
C	Grand Total				

*FEC- Foreign Exchange Component

Foreign Exchange component (in US\$) equivalent of rupee amount at the prevailing rates may be furnished.

30.1.1. BUDGET FOR SALARIES/WAGES

		BUDGET			(in Rupees)
		1st Year (m.m.*)	2nd Year (m.m.)	3rd Year (m.m.)	Total (m.m.)
Designation & number of persons	Monthly Emoluments				
Total					

*m.m.:man months to be given within brackets before the budget amount

30.1.2. Justification for the manpower requirement.

30.1.3. BUDGET FOR CONSUMABLE MATERIALS

		BUDGET			(in Rupees)
Item		1st Year	2nd Year	3rd Year	Total
	Q*				
	B**				
	F***				
Total	B				
	F				

*Q: Quantity or number, ** Budget, ***F: Foreign Exchange Component in US\$

30.1.4. Justification for consumable materials

30.1.5. BUDGET FOR TA/DA

		BUDGET			(in Rupees)
		1st Year	2nd Year	3rd Year	Total
	Travel (Only inland travel)				

30.1.6. Justification for intensive travel, if any.

30.1.7. BUDGET FOR EQUIPMENT

Sl. No.	Generic name of the Equipment along with make & model	Imported/Indigenous	Estimated Costs (in Foreign Currency also)*	Spare time for other users (in %)

30.1.8. Justification for the proposed equipment.

30.2. BUDGET SUMMARY FOR PRIVATE ORGANIZATIONS

	Sanction head	Amount in Rs.
A	Non-recurring (Capital Items)	
	Pmt Equipment	
A'	Total (Capital)	
	SERB/MFPI Contribution (50% of A')	
	Institute Contribution (50% of A')	

30.2.1. BUDGET FOR EQUIPMENT

Sl. No.	Generic name of the Equipment along with make & model	Imported/Indigenous	Estimated Costs (in Foreign Currency also)*	Spare time for other users (in %)

* includes transport, insurance and installation charges.

30.2.2. Justification for the proposed equipment.

31. Time Schedule of Activities through BAR Diagram

32. List of facilities being extended by parent institution(s) for the project implementation.

A) Infrastructural Facilitie

Sr. No.	Infrastructural Facility	Yes/No/ Not required Full or sharing basis
1.	Workshop Facility	
2.	Water & Electricity	
3.	Laboratory Space/ Furniture	
4.	Power Generator	
5.	AC Room or AC	
6.	Telecommunication including e-mail & fax	
7.	Transportation	
8.	Administrative/ Secretarial support	
9.	Information facilities like Internet/ Library	
10.	Computational facilities	
11.	Animal/ Glass House	
12.	Any other special faciity being provided	

B. Equipment available with the Institute/ Group/ Department/ Other Institutes for the project:

Equipment available with	Generic Name of Equipment	Model, Make & year of purchase	Remarks including accessories available and current usage of equipment
PI & his group			
PI's Department			
Other Inst in the region			

34. Detailed Bio-data of the Investigator(s)/Co-Investigator(s)

- Name, Address, Date of Birth, Institution's Address etc.
- Academic Qualifications (University/College from where attained, year of passing, class, Thesis title etc.)
- Publications list (Title of paper, authors, Journal details, pages, year etc.)
Patent list, if any

35. Details of Research Projects being implemented/ completed/ submitted by the Investigator(s)/Co-Investigators

- Investigator(s) Name & Institute
- Project Title
- Project Status
- Completed-duration, period (from.... to.....), funding agency and total cost
On-going-duration, date of start, funding agency and total cost
proposed-duration, funding agency where submitted and total cost
- Summary of the project
- Major Results/ Highlights of the project including achievement (publications, patents etc.), for completed projects
- Up-to date Technical progress report for on-going projects.

36. Any other relevant matter.

File No** _____

1. Title :

2. Proposed Budget for 3 years :

2.1 Total :

2.2 Equipment :

(Please give list of major/
minor equipment)

2.3 Staff (proposed research staff) :

2.4 Other Recurring costs :

Consumables :

TA/DA:

Institutional Charges:

3. Date of receipt** :

4. PI Name, Designation & Address :

5. Date of Birth :

6. Co-Investigator(s) details :

7. Date of Birth(s) :

8. Other projects with the PI/Co-PI(s) :

Sr.No.	Title	PI / Co-PI Name (s) & Institute	Cost (in rupees)	Duration	Funding Agency

Cover sheet to be filled in by the Investigator ** to be filled by MoFPI

ANNEXURE-B**PROGRESS REPORT**

1. Project Title:	File No:
2. PI (Name & Address):	Date of Birth
3. Co-PI (Name & Address):	Date of Birth
4. Broad area of Research 4.1 Sub Area	
5. Approved Objectives of the Proposal :	
Date of Start:	Total cost of Project:
Date of completion:	Expenditure as on _____:

6. Methodology :

7. Salient Research Achievements:

7.1 Summary of Progress

7.2 New Observations:
7.3 Innovations:
7.4 Application Potential: 7.4.1 Long Term 7.4.2 Immediate
7.5 Any other
8. Research work which remains to be done under the project (for on-going projects)

9. Manpower Training :					
Ph.Ds Produced no:		Technical Personnel trained:		Research Publications arising out of the present project:	
10. List of Publications from this Project (including title, author(s), journals & year(s))					
(A) Papers published only in cited Journals (SCI)					
(B) Papers published in Conference Proceedings, Popular Journals etc.					
11. Patents filed/ to be filed:					
12. Equipment					
S No	Sanctioned List	Procured (Yes/ No) Model & make	Cost (Rs in lakhs)	Working (Yes/ No)	Utilisation Rate (%)

13. Grant Received, and Expenditure:							
Sr. No.	Sanctioned Head	Sanctioned Amount (in Rs.)	Total Released Amount (in Rs.)	Expenditure (in Rs.)			
				1st Financial Year	2nd Financial Year	3rd Financial Year	Total
1.	Equipment						
2.	JRF/SRF/RA						
3.	Consumables						
4.	TA/DA						
5.	Institutional Charges						
Total							

Signature of PI

Date

**Signature of
Head of Institute
/ Organization**

Note: No column should be left blank, in such cases write Not applicable (NA) wherever applicable. Additional sheets may attach wherever needed.

FINAL PROJECT COMPLETION REPORT (PCR)

- Notes:**
1. 10 copies of the Final Project Completion Report (PCR) should be sent within one month of the completion or termination of the project.
 2. The PCR should be in bound form.
 3. Cover page should include the title of the project, file number, names and addresses of the investigation.

1. Title of the project:
2. Principal Investigator(s) and Co-Investigator(s):
3. Implementing Institution(s) and other collaborating Institution(s):
4. Date of commencement:
5. Planned date of completion:
6. Actual date of completion:
7. Objectives as stated in the project proposal:
8. Deviation made from original objectives if any, while implementing the project and reasons thereof:
9. Experimental work giving full details of experimental set up, methods adopted, data collected supported by necessary table, charts, diagrams & photographs:
10. Detailed analysis of results indicating contributions made towards increasing the state of knowledge in the subject:
11. Conclusions summarising the achievements and indication of scope for future work:
12. S&T benefits accrued:

- i. List of Research publications

S No	Authors	Title of paper	Name of the Journal	Volume	Pages	Year

- ii. Manpower trained on the project
 - a) Research Scientists or Research Associates
 - b) No. of Ph.D. produced
 - c) Other Technical Personnel trained
- iii. Patents taken, if any

13. Financial Position:

No	Financial Position/ Budget Head	Funds Sanctioned	Expenditure	% of Total cost
I	Salaries/ Manpower costs			
II	Equipment			
III	Consumables			
IV	Contingencies			
V	Travel			
VI	Institutional Charges			
	Total			100%

14. Procurement/ Usage of Equipment

a)

S No	Name of Equipment	Make/ Model	Cost (FE/ Rs)	Date of Installation	Utilisation Rate (%)	Remarks regarding maintenance/ breakdown

b) Plans for utilising the equipment facilities in future

Name and Signature with Date

a. _____
(Principal Investigator)

b. _____
(Co-Investigator)

Date:

Head of Institute/Organization

Note: Final project Completion Report (PCR) is expected to be self-contained complete report of the work done. Please do not leave any column unanswered.

STATEMENT OF EXPENDITURE

1. Sanction Order No and date:
2. Total Project Cost:
3. Revised Project Cost:
(if applicable)
4. Date of Commencement:
5. Statement of Expenditure:
(month wise expenditure incurred during current financial year)

Month & year	Expenditure incurred/ committed

6. Grant received in each year:
 - a. 1st Year :
 - b. 2nd Year:
 - c. 3rd Year:
 - d. Interest, if any:
 - e. Total (a+b+c+d):

Statement of Expenditure

(to be submitted financial year wise ie. DOS* to 31st March of that financial year say 20XX, 01-04-20XX till 31.03.20XX+1 year and so on)

Sr No	Sanctioned Heads	Funds Allocated (indicate sanctioned or revised)	Expenditure Incurred				Balance as on (date)	Requirement of Funds upto 31 st March next year	Remarks (if any)
			<u>1st Year</u> (DOS to to 31 st March next year)	<u>2nd Year</u> (1 st April to 31 st March next year)	<u>3rd Year & so on</u> (1 st April to 31 st March next year)	Total			
I	II	III	IV	V	VI	VII (IV + V + VI)	VIII (III – VII)	IX	X
1.	Manpower costs								
2.	Consumables								
3.	TA / DA								
4.	Equipment								
5.	Institutional charges								
Total									

Name and Signature of Principal Investigator:

Date: _____

Signature of Competent financial authority:

(with seal)

Date: _____

* DOS – Date of Start of project

- Note : 1. Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without prior approval of MoFPI i.e. Figures in Column (VII) should not exceed corresponding figures in Column (III)
2. Utilisation Certificate for each financial year ending 31st March has to be enclosed.

COST DETAILS OF PERMANENT EQUIPMENT/ ASSET

S No	Name of Equipment/ Asset with manufacturer & model name, etc. and date of procurement	Sanctioned Amount		Actual Expenditure*		Other expenses, if any **	Utilisation Rate (%)
		FE	Rs	FE	Rs		
1.							
2.							
3.							
Total							

* This should include only the cost of equipment, insurance and freight charges.

** Other expenses such as bank charges, agency commission etc. should be avoided through appropriate negotiations. If unavoidable expenses are incurred, the same may be indicated.

Name and Signature
of Principal Investigator:
Date:

Signature of Competent
financial authority: _____
(with seal)
Date: _____

PROFORMA FOR RULE 209 (1) OF GFR 2005

UNDERTAKING

I, _____ s/o _____ R/o _____ (*Address*) _____, the deponent do hereby solemnly affirm and declare on oath as under: -

1. That the deponent is the Competent authority in the Organization. (*Name of firm and address*) _____.
2. That the organization has not availed any financial assistance for the same purpose or the R&D activity from the Ministry of Food Processing Industries in the past.
3. That the deponent do hereby affirm that the Organization will not apply/ has not applied for/ obtained any grant/ subsidy from any Ministry/ Central Government Department/ GOI organizations/ any agency of State / Central Government for the same purpose/ activity.
4. That all the documents, explanations/ information's etc. submitted by the organization from time to time are true, correct and complete to the best of its knowledge and belief.

Deponent

Verification:

Verified that the content of this affidavit are true and correct to the best of the knowledge and belief of the deponent and no part of this affidavit is kept concealed therein, If anything is found false in this Affidavit subsequently deponent and organization shall alone be liable jointly and severally for action under the laws, hence verified at _____ (*Place*) _____ on _____ (*Date*) _____.

Deponent

Terms and Conditions of the Grant

1. I shall from time to time disclose fully to Ministry of Food Processing Industries (MoFPI) the progress of any other investigations undertaken by me while in receipt of such assistance as aforesaid.
2. I confirm that, at any time during the course of such assistance or within a period of three years after the completion of the project, if I shall make any invention arising out of or in connection with the said Investigation, I shall hold the same in trust on behalf of MoFPI and I shall forthwith disclose to MoFPI.
3. I confirm that the Applicant organization (Private organization) accepts that the remaining expenditure will be borne by them from their budget.
4. Confirmation that,
 - (a) Necessary provision for housing the equipment procured out of MFPI grant and other infrastructure facilities have been created,
 - (b) These equipment (or any one equipment) will not be shifted to any other place of work/laboratory/Department for any reason, as the set is for specialized research work and,
 - (c) The University/organisation will bear the cost of maintenance and repair of the equipment procured out of MFPI grant.
5. I confirm that the equipment will be procured through competitive bidding directly from manufacturers or their authorized agent(s). Further, in case of private organizations/universities/institutions, they shall submit copy of purchase order for the equipment to be purchased.
6. The result of the project shall be shared with the Ministry within the stipulated time and progress report will be sent (as per standard Proforma) as and when demanded by the Ministry, normally once a year.
7. At the end of each financial year (FY) and at the time of seeking further instalment of grant, I shall submit the following documents strictly as per the Ministry formats:
 - a) Two copies of Statement of Expenditure (SE) including expenditure for the previous financial year (in original); as per Annexure D

- b) Technical Progress Report as mentioned above in Para 6.
 - c) List of Assets acquired till that Financial Year.
8. I confirm that, (a) the research carried out with the financial assistance of MFPI shall be in public domain, (b) the equipment procured out of MFPI grant will be property of MFPI/GOI and may be utilized as Business/R&D Incubation Centre after the research is completed for testing / Research / Product Development etc by other Institute / organizations on payment basis.
9. I confirm that employing any research or other staff for the instant project does not imply any assurance or guarantee for subsequent employment by MFPI. The Ministry will not be concerned / answerable for any legal issues related to further employment / payment of salary / wages etc and it will be solely the responsibility of the University / Institution where he/she is working.
10. I confirm that any financial assistance for the proposed project shall not be obtained / taken from other sources (except industrial partner).
11. As per the current guidelines, an affidavit/undertaking duly notarized / verified by competent authority / chief administrator of the organization in compliance with rule 209 [I] of GFR 2005, (Annexure-E) shall be submitted.
12. Confirmation that the proposed equipment to be procured out of MFPI fund are not already available with any division/section of the institute/ organization.
13. Expert Committee recommendation is subject to Administrative and Financial Approval of Competent Authority of the Ministry. The eligibility and pattern of assistance is that the Government organizations will be considered for financial assistance to the tune of 100% of equipment cost plus cost of consumables and expenditure related to JRF/SRF/RA and or Research / Project Assistant, specific to the project of specified duration up to three years only. No assistance will be provided for already existing equipments. Government organization will also be eligible for availing grant towards TA/DA and Institutional Charges as per the guidelines and Private organizations will be eligible for financial assistance towards the cost of equipment only to the tune of 50% in General Areas and 70% in the Difficult Areas. 100% grant will be provided for the Ministry sponsored project to (s) reputed public funded organization only in cases of cutting edge areas of research leading to development of innovative products, processes and manufacturing practices.

14. Undertake to refund unspent balance within 3 months of completion of project, else interest may be levied on that unspent amount as per provisions of GFR(s).
15. I hereby undertake to abide by the current Terms and Conditions for R&D Schemes.

Signature of P.I.

Date:

**Signature of
Head of Institute
/ Organization**

(To be prepared on Non-Judicial Stamp paper of Rs. 100/-)

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s _____, a _____ (Type of organization) incorporated / registered under the _____ (Name of the Act) and having its registered office at _____ (hereinafter called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for the sum of Rs. _____ (Rupees _____ only) well and truly to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents.

SIGNED on the _____ day of _____ in the year Two Thousand _____.

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing Industries' Sanction Order No. _____ Dated _____

(hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and a copy whereof is annexed hereto and marked as Annexure-I, agreed to make in favour of the Obligors grants-in-aids-in-aid of Rs. _____ (Rupees _____ only) for the purpose of _____ (description of the project) at _____ out of which the sum of Rs. _____ (Rupees _____ only) have been paid to the Obligors (the receipt of which the Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms & conditions of the grants-in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aids and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligers shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligers individually and jointly will be liable to refund to the President of India, the entire amount of the grants -in-aid with interest of 10% per annum thereon. If a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged upto the date of its refund to the Government, unless it is agreed to be carried over.

The Obligers agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created / acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligers.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. _____
Dated

_____ passed by the governing body of the Obligers, a copy whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the president on the date appearing below:-

Signature of the AUTHORISED
SIGNATORY Signed for and on behalf of
(Name of the Obliger in block letters) (Seal
/ Stamp of Organization)

1. Signature of witness

Name & Address

2. Signature of witness

Name & Address

TO BE FILLED UP BY THE MINISTRY

the applicant University/Institute/organisation must submit the quotation, detailed specification alongwith the copy of Purchase Order for the equipments to be procured out of Second instalment

(ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Dated: _____

Notary Seal & Signature

**Revised Guidelines
of the
Scheme of Promotional Activities**

**Government of India
Ministry of Food Processing
Industries Panchsheel Bhawan
August Kranti Marg
New Delhi - 110 049**

1. Objectives and focus areas of the scheme

- 1.1. To create awareness among various stakeholders on plan, policy & programmes of the Ministry and the various schemes of Pradhan Mantri Kisan SAMPADA Yojana and its components being implemented by the Ministry through advertisement and publicity material, print, audio-visual media, social media platforms, electronic media like website, development of software, etc;
- 1.2. To encourage investment for the development of food processing sector by extending financial support for organizing / co-sponsoring / sponsoring / participating in an event such as national / international fair, exhibition, roadshow and / or logo support on non-financial terms;
- 1.3. To encourage investment for the development of food processing sector by extending financial support for organizing /co-sponsoring /sponsoring / participating in an event such as seminar, workshop, conference, campaign, symposium for the development of food processing sector in India and / or logo support on non-financial terms;
- 1.4. To disseminate information regarding opportunities in food processing industry;
- 1.5. To familiarize the existing and prospective entrepreneurs with modern technology, processes & products of food processing and packaging;
- 1.6. To develop market and popularization of process, value added products, machinery;
- 1.7. To attract foreign investments into the food processing sector;
- 1.8. To assess potential and other relevant aspects of food processing sector on sectoral / regional basis;
- 1.9. To reduce the wastage of food in entire food processing chain;
- 1.10. To facilitate trade in the food processing sector by extending financial support for organizing / co-sponsoring / sponsoring / participating in trade meet in India and abroad and / or logo support on non-financial terms by linking investors, entrepreneurs, technology providers and traders; and
- 1.11. Focus areas of the scheme - Processing, Storage, Packaging, Marketing & Retailing of Dairy Products and Analogues, Fats, Oils and Fat Emulsions, Fruit & Vegetable Products, Cereals and Cereal Products, Meat and Meat Products, Fish and Fish Products, Sweets & Confectionery, Bakery Products, Eggs and Egg Products, Sweetening Agents including Honey, Salt, Spices, Condiments and Related Products, Ready-to-Eat Savouries, Beverages (other than Dairy and Fruits)

& Vegetables based), Proprietary Food, Radiation Processing of Food, Gluten Free Food, Food Specially Processed to Reduce Gluten Content, Other Food Product and food ingredients.

2. Components of the scheme

- 2.1. Seminar, workshop, conference, campaign, symposium in India on objectives and focus areas of these scheme guidelines;
- 2.2. National / International Fair / Exhibition / Roadshow / Mela / Business Summit & Investors Meet / World Food India (WFI) / Food India on objectives and focus areas of these scheme guidelines;
- 2.3. Ministry's Logo support on objectives and focus areas of these scheme guidelines;
- 2.4. Advertisement and publicity; and
- 2.5. Any other methods of disseminating information on food processing.

3. Eligible Organizations

- 3.1. Apex Industry Bodies / Associations / Chambers like Confederation of Indian Industry (CII), Federation of Indian Chambers of Commerce and Industry (FICCI), Associated Chambers of Commerce and Industry of India (ASSOCHAM), PHD Chamber of Commerce and Industry (PHDCCI), All India Food Processors' Association (AIFPA), Indian Chamber of Commerce (ICC), Dalit Indian Chamber of Commerce and Industry (DICCI), Federation of Industry & Commerce of North Eastern Region (FINER) and State Chambers;
- 3.2. Central / State Government and their Institutions like Agricultural and Processed Food Products Export Development Authority (APEDA), Central Food Technological Research Institute (CFTRI), India Trade Promotion Organization (ITPO); and
- 3.3. Central / State University.

4. Seminar, workshop, conference, campaign, symposium in India on objectives and focus areas of these scheme guidelines

- 4.1. Annual Strategy Plan (ASP) - Every year, based on the objectives and focus areas of these scheme guidelines, Ministry will prepare an Annual Strategy Plan (ASP) before 1st week of January in consultation with all Divisions of Ministry and call for Request For Proposal (RFP) from Apex Industry Bodies / Associations / Chambers

and finalize it before 4th week of January. The ASP will include number of event(s) to be conducted.

Provided that the selected Apex Industry Body / Association / Chamber shall sign the Memorandum of Understanding (MoU) with Ministry of Food Processing Industries.

Provided further that Ministry may extend the period of MoU for successive period of three months with nominal escalation of additional 10 % per annum or parts thereof, subject to acceptance by the selected Apex Industry Body / Association / Chamber. The Ministry will publish ASP on its website;

4.2. Pattern of Assistance

4.2.1. When an organization selected through ASP organizes any of the above event, Ministry will extend financial assistance up to 50 % of the actual event cost or maximum of Rs. 5 lakhs per event, whichever is less. If the event is organized in NE Region, Ministry will extend 100 % financial assistance of the actual event cost or maximum of Rs. 5 lakhs per event, whichever is less;

4.2.2. When Ministry sponsors / co-sponsors any of the above event organized by Central / State Government and their institutions like APEDA, CFTRI, ITPO and Apex Industry Bodies / Associations / Chambers, Ministry will extend 100 % financial assistance of the actual event cost or maximum of Rs. 10 lakhs per event, whichever is less;

4.2.3. Ministry may extend financial support to Central / State Government and their Institutions for organizing any of the event(s), subject to participation of Ministry; and

4.2.4. Notwithstanding anything contained above, Ministry may extend financial assistance to deserving cases for organizing an event, subject to participation of Ministry.

5. National / International Fair / Exhibition / Roadshow / Mela / Business Summit & Investors Meet / World Food India (WFI) on objectives and focus areas of these scheme guidelines.

5.1. Pattern of Assistance

- 5.1.1. Ministry will extend financial assistance to organize any of the above event, up to 50 % of the actual event cost or maximum of Rs. 10 lakhs per event, whichever is less;
- 5.1.2. When Ministry organizes World Food India (WFI) and its allied event(s), an international event once in two years, Ministry will select an Event Partner and a Knowledge Partner for organizing such event through Request for Proposal (RFP) or select an agency based on previous experience for organizing WFI and there will be no ceiling on the expenditure to be incurred unless otherwise restricted by Government of India;
- 5.1.3. When Ministry in close association with Central / State Government and their institutions like APEDA, CFTRI, ITPO and Apex Industry Bodies / Associations / Chambers, organize any of the above event in India, Ministry will extend financial assistance up to 25 % of the actual event cost or maximum of Rs. 10 lakhs per event, whichever is less;
- 5.1.4. When Ministry sponsors / co-sponsors any of the above event organized by Central / State Government and their institutions like APEDA, CFTRI, ITPO and Apex Industry Bodies / Associations / Chambers, Ministry will extend 100 % financial assistance of the actual event cost or maximum of Rs. 10 lakhs per event, whichever is less; and
- 5.1.5. When Central / State Government and their Institutions organize any of the above international event or participate in such international event, Ministry will extend financial assistance up to 25 % of the actual event cost or maximum of Rs. 20 lakhs per event, whichever is less.

6. Ministry participation in seminar, workshop, conference, campaign, symposium and national fair, exhibition, mela

- 6.1 Ministry may participate in such events by seeking nominations from the Apex Industry Bodies / Associations / Chambers, of entrepreneurs belonging to SC / ST / NER category and women entrepreneurs, who would be interested in participating in such events and display their products. The stall space in such events would be hired on behalf of the nominated entrepreneurs by the Apex Industry Bodies / Associations / Chambers and reimbursed by MoFPI.

7. Promotion of food processing sector in every Constituency of India

- 7.1. A special dispensation exclusively for organizing any of the event falling under the components of these scheme guidelines in every Constituency of India with reference to objectives and focus areas of these scheme guidelines is being provided;
- 7.2. Ministry will extend this special provision to all elected Members of Parliament (Lok Sabha) subject to receipt of recommendation from the Member of Parliament (Lok Sabha) once in their tenure for organising such event in association with Apex Industry Bodies / Associations / Chambers and involving State Industries Department / State Chambers, wherever possible;
- 7.3. Ministry will extend financial assistance to organize an event in every constituency for the remaining period of 17th Lok Sabha, in every region viz., northern, western, eastern, southern and north-eastern in order to achieve the objectives in a radical way; and
- 7.4. Pattern of assistance - Ministry will extend 100 % financial assistance, maximum of Rs. 5 lakhs for an event in every constituency or actual event cost, whichever is less.

8. Food Processing Industry on wheels – a Mobile Processing Unit (MPU) developed by Indian Institute of Food Processing Technology (IIFPT)

- 8.1. IIFPT will organize events “Food Processing Industry on wheels”, in Tomato / Onion / Garlic / Ginger producing clusters to aid farmers and small processors to process these farm produce in the Mobile Processing Unit (MPU) at field level with no repetition of such event at same location. The objectives of the event are :-
 1. Protecting farmers from price risks during glut in market by converting their produce into value added products;
 2. Minimization of wastages in post-harvest handling of farm perishables;
 3. Livelihood enhancement in rural areas by providing market options for processed foods;
 4. Ensuring good quality processed food at a reasonable price to consumer; and
 5. Strengthening food value chain by eliminating the intermediaries.

- 8.2. Pattern of assistance - Ministry will extend 100 % financial assistance, maximum of Rs. 4 lakhs per event including advertisement or actual event cost, whichever is less.

9. “Food India” to be organized by State Government on objectives and focus areas of these scheme guidelines

- 9.1. “Food India” is a State event organized by the State Government in association with one of the Apex Industry Body / Association / Chamber;
- 9.2. It is a quarterly event, subject to a gap of 2 years between the events, if organized in the same State; and
- 9.3. Pattern of assistance - Ministry will provide financial assistance of 50% of the actual event cost or maximum of Rs. 50 lakh per event, whichever is less.

Provided that Ministry of Food Processing Industries may meet the entire expenditure in situations wherein the State Government does not come forward to fund such an event. However, the State Government will be required to provide logistical support for such event.

10. Advertisement and Publicity

- 10.1. Ministry will publish various advertisements in print media like newspaper, magazine and audio-visual spots in Radio/TVs for promotion of various schemes and allied activities being undertaken by the Ministry to promote Food Processing sector;
- 10.2. Ministry will also create various print materials like brochures, e-books, pocket books, multimedia aids like CDs, pen drives, social media digital contents, promotional movies, software development and required accessories for interactive digital display, investor facilitation website;
- 10.3. The advertisement and publicity and preparation and distribution of publicity material will be undertaken through a professional agency selected through competitive bidding process among the agencies empaneled with Directorate of Audio-Visual Publicity (DAVP) [re-designated as Bureau of Outreach & Communication (BoC)] as per media policy / guidelines laid down by Ministry of Information and Broadcasting and BoC from time to time; and
- 10.4. The expenditure will be borne as per DAVP rates wherever available.

11. Ministry's Logo Support on objectives and focus areas of these scheme guidelines

11.1. Based on the request, Ministry may extend non-financial logo support to an event, if such event is related to food processing sectors. The use of "Ministry's Logo" shall be allowed / permitted subject to the following terms and conditions:-

1. Ministry has the right to withdraw permission for use of its logo with or without giving any notice;
2. The logo of Ministry shall be used for the requested purpose in such a way that it will not affect the name, reputation and interests of the Ministry;
3. The logo support extended by Ministry is only for the event for which Ministry has accorded approval and not for any other purpose or for any future event; and
4. Disputes of any kind, if arises, by virtue of use of Ministry's logo, the same shall be resolved only by applicant organization using their means and resources.

11.2. Ministry will extend logo support without any condition to:-

1. An event organized by all establishments / offices and Institutions under Ministry;
2. Financial support extended by Ministry for an event;
3. An event organized by Central / State Government and their Institutions directly or jointly with Apex Industry Bodies / Associations / Chambers if such event is related to food processing sectors; and an event organized / sponsored / supported by Indian Embassies / Missions abroad to promote Ministry's initiative.

12. Documents required for approval & release of grant shall be submitted by every organization including an agency selected through Request for Proposal (RFP)

12.1. Approval of the grant will be considered on submission of the following pre-event documents / information by every organization and it is applicable for all kinds of event, if otherwise exempted :-

1. An application in the prescribed format A (as in Annexure-I);

2. Estimated expenditure & disclosure of sources of funding;
3. Notarized undertaking to the effect that the organization has not availed / applied for / will not avail grant / subsidy from any other Ministry / Department / Agency of Government of India or State Government for the same purpose / activity / component as in Annexure-II;
4. Pending Utilization Certificates (UC), if any for earlier grants received from Ministry as per format given in GFR, duly countersigned by a Chartered Accountant;
5. Undertaking / Declaration from the organizer that no UC is pending for previous grants, if any, availed from Ministry; and
6. Written confirmation from State Government that their proposal has been shared with industries department of the State Government and they are on board about organizing this event and / or they would be actively participating in the event.

12.2. Release / Reimbursement of the grant-in aid will be considered on submission of the following post-event documents / information by every organization and it is applicable for all kinds of event, if otherwise exempted:- (The post event reimbursement of the grant, shall be done in one installment after receipt of the complete documents / information as mentioned below :-

1. Proceedings of the event;
2. Copies / cutting of advertisements / publicity done by the organizer;
3. List of participants;
4. Photocopy of visitors book;
5. List of exhibitors;
6. Photographs of the event;
7. Pre-receipted bill / Invoice for the expenses incurred and / or claimed;
8. Utilization Certificate in GFR;
9. Proof of registration in Public Financial Management System (PFMS) for payment;
10. Mandate Form / Cancelled Cheque;
11. List of resource persons attended the event with topics / presentations made;
12. Outcome of the event and recommendations for various stakeholders;

13. Details of sources of income and items of expenditure duly audited by C.A;
and
14. Surety Bond on a non-judicial stamp paper of Rs.100/- or above as in Annexure-III, wherever called for (Execution of Bond will not apply to Central/State Government and their Institutions whose budget is approved by Government).

13. HOW TO APPLY

- 13.1 Application in the prescribed format as in Annexure-I shall be submitted by every organization, preferably 2 (Two) months in advance of an event to Ministry for organizing an event. In case an event has already taken place, assistance shall not be provided;
- 13.2 Application format is available on Ministry website:- www.mofpi.nic.in; and
- 13.3 Nodal Officer of the Scheme:-
Director (Promotional Activities), Ministry of Food Processing Industries,
Panchsheel Bhawan, August Kranti Marg, New Delhi-110049.

ANNEXURE-I**Application Form**

For financial assistance from Ministry of Food Processing Industries (MoFPI) for organizing seminar, workshop, conference, campaign, symposium, national / international fair, exhibition, roadshow, mela, business summit & investors meet, food India and such other event(s) Ministry may deem fit;

1.	Organizer / Promoter Name & Address Telephone/fax/e-mail nos.	
2.	Nature/type of Organization (Please attach copies of Registration certificate, Memorandum and Articles of Association)	
3.	Financial standing of the Organizer (Note: Audited Annual Accounts of the applicant organization for the last three years be furnished along with summary of the same)	
4.	Main activities of the Organization	
5.	Name of the event	
6.	Date(s) and period of the proposed event	
7.	Venue (preferential treatment will be given for holding the event in areas where SC/ST Population is predominant) and rationale/ justification for selection of the place/state for holding the event	
8.	Objective of the event (with specific relevance to promotion of food processing industries)	
9.	No. of participants (Target group of the participations may be indicated) 1. From India 2. From Abroad	

10.	<p>Possible outcome</p> <ol style="list-style-type: none"> 1. No. of farmers to be benefitted 2. No. of food processing entrepreneurs to be benefitted. 3. No. of beneficiaries to avail benefits under PMKSY Scheme of Ministry 	
11.	Details of resources persons and their names, address and topics to be addressed by them to be mentioned	
12.	Programme Schedule	
13.	Total estimated expenditure	
14.	Whether the organization is prepared to contribute 50% of the estimated expenditure	
15.	<p>Sources of funding:-</p> <ol style="list-style-type: none"> 1. Assistance from Ministry 2. Grant sought to be received from Other Government bodies/organizations 3. Assistance from private organizations etc. 4. Organizer's own contribution 5. Income from registration/ participant fee 6. Income from Souvenir and other sources, if any 7. Total funding <p>[Note: This figure should tally with the figure given at 13 above regarding total estimated expenditure]</p>	
16.	Past experience of the organizer/promoter in organizing similar event(s) in food processing in the form of a statement with details of similar event(s) organized by them in food processing and outcome of such event(s) may be furnished.	

17.	A separate statement showing details regarding availability of professional / trained man power and infrastructure for organizing the event along with their name, designation, qualification & experience and contact details (Mobile No. & Email) may be furnished.	
18.	If the proposed event is an international event, then a statement showing clearance obtained from Ministry of External Affairs (from political angle)/Ministry of Home Affairs (security angle) /other clearances, including concerned State Government should be furnished.	
19.	Written confirmation from State Government that their proposal has been shared with industries department of the State Government and they are on board about organizing this event and / or they would be actively participating in the event.	
20.	Undertaking as per prescribed proforma (Annexure-II) for not availing grant from other Government sources	
21.	<ol style="list-style-type: none"> 1. Submit pending Utilization Certificates, if any for earlier grants-in-aid received from Ministry in GFR, duly countersigned by a Chartered Accountant. 2. Undertaking / Declaration from organizer that no UC is pending for previous grants, if any, availed from Ministry. 	
22.	Please indicate briefly the capabilities of the organization to conduct the event leading to logical conclusions/ recommendations for the benefit of processed Food sector.	

Date: Place:	Signature Name & Designation with Stamp/Seal
-----------------	--

UNDERTAKING

I.....son ofagedChairman/President/
Director/Secretary/.....of (Name of the organization) and
address..... hereby affirm
and declare as under –

1.That the organization has not availed / applied for / will not avail grant/ subsidy from any
other Ministry / Department / Agency of Government of India or State Government for the
same purpose / activity / component.

2.That all the documents, explanations / information etc. submitted by the company from
time to time are true, correct and complete to the best of the company's knowledge and belief.

I also affirm that the Declaration / Certification given above by me is true and fair to the best
of my knowledge and belief.

Date	Signature and Seal/Stamp of Organization
Place	Designation
	Tel.No./Mobile No
	Email

VERIFICATION

Verified that the contents of this certificate are true and correct to the best of my personal
knowledge and belief. If anything is found false in this certificate subsequently, my
organization and I shall be liable jointly and severally for action under the laws.

Date	Signature and Seal/Stamp of Organization
Place	Designation
	Tel.No./Mobile No
	Email

To:

Director (Promotional Activities) Ministry of Food Processing Industries, Panchsheel
Bhawan, August Kranti Marg, New Delhi – 110049

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s-----, a (Type of organization) incorporated / registered under the----- (Name of the Act) and having its registered office at ----- (here in after called the "Obligors") are held fully and firmly bound to the President of India (hereinafter called the "Government") for sum of Rs.----- (Rupees -----only). We / I to be paid to the Government on demand and without a demur for which payment we firmly bind ourselves and our successors and assignees by these presents. Signed on the day of in the year two thousand-----.

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing Industries Sanction Order No.-----Dated ----- (hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and a copy whereof is annexed hereto and marked as Annexure-I, agreed to make in favour of the Obligors grants-in-aid of Rs.----- (Rupees-----only) for the purpose of----- (description of the project) at-----out of which the sum of Rs.----- (Rupees-----only) have been paid to the Obligors (the receipt of which the Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfill and comply with all the conditions mentioned in the letter of sanction, the above written Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force and virtue. The Obligors will abide by the terms & conditions of the grants -in-aid by the target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aids and entrust execution of the Scheme or work concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire

amount of the grants-in-aid with interest of 10% per annum thereon. If a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged upto the date of its refund to the Government, unless it is agreed to be carried over.

The Obligers agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created / acquired constructed largely from out of the grants -in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligers.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligers and IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligers the day herein above written in pursuance of the Resolution No. Dated_____ passed by the governing body of the Obligers, a copy whereof is annexed here to as Annexure-II and by _____for and on behalf of the president on the date appearing below: -

Signature of the AUTHORISED SIGNATORY

Signed for and _____ on behalf of (Name of the Obliger in block letters) and Seal/Stamp of
Organization

1. Signature of witness

Name & Address

2. Signature of witness

Name & Address

TO BE FILLED UP BY THE MINISTRY OF FOOD PROCESSING INDUSTRIES
(ACCEPTED)

For and on behalf of the President of India

Name: _____

Designation: _____

Dated: _____

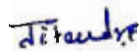
Dated: 11/03/2019

Subject: Amendment in Operational Guidelines for Scheme for Human Resources and Institution -Skill Development (SHRISD) dated 05.10.2018

Ministry of Food Processing Industries is implementing Scheme of Human Resources and Institution- Skill Development (SHRISD) under PMKSY and the operational guidelines for the scheme was uploaded on Ministry website on 05.20.2018. The scheme is open for application for applicants' desirous of availing grants under the scheme.

2. In order to make the scheme more attractive and investor friendly, operational guidelines of the scheme has been further amended by including Ministry assisted Mega Food Parks and Agro Processing Clusters as eligible categories for financial assistance for Plant and Machinery of approved job roles under the Scheme. Also, provision for PMU has been dispensed with under the revised guidelines.

3. Modified operation guidelines **(as enclosed at Annexure-I)** for Scheme of Human Resources and Institution- Skill Development (SHRISD) is hereby notified for information to all the stakeholders and public at large. Interested applicants are requested to apply as per revised guidelines.


(Jitendra Kumar)
Director, Government of India
e-mail: jitendra.shukla73@gov.in

**F. No. I-13033/1/2016-Institution Division(Part)
Ministry of Food Processing Industries
Government of India
Panchsheel Bhawan, August Kranti Marg,
New Delhi-110049**

Dated: 11.03.2019

Subject: - Revised Operational Guidelines for Scheme for Human Resources and Institution - Skill Development (SHRISD)

1. Introduction:

The Ministry has formulated a Scheme for Human Resources and Institution - Skill Development (SHRISD) under the Central Sector Scheme Pradhan Mantri Kisan Sampada Yojana for a period coterminous with the 14th Finance Commission cycle. The guidelines of the Scheme were issued by this Ministry on 20/11/2017. Now the guidelines of the Scheme are being revised on the basis of inputs received from various stakeholders.

2. OBJECTIVES OF THE SCHEME:

The Scheme aims to achieve the following objectives:

- (i) Develop training/ Course modules in English, Hindi and recognized regional languages based on the Qualification Packages (QPs) validated by the NSDA as National Occupational Standards for different job roles in various sectors of Food Processing Industries.
- (ii) Assist Training Centers (TCs) for building requisite infrastructure for providing skill training for different job roles.
- (iii) Augment number of skilled workforce in different domains of food processing industries like floor level workers, Operators, Packaging and assembly line workers, quality control supervisors etc. and to meet the skilled Human Resources requirement in food processing sector.
- (iv) In the long run, upgrade the skills of the workers for various job roles in food processing sector depending upon their educational qualification, available/ future technological trends and the job role potential in various sectors of food processing, which can make them eligible for a suitable employment or self-employment.
- (v) Help create enabling resources of Training Partners (TPs) and course content developers to implement various skill development programs of food processing sectors in the country dovetailing with initiatives under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY).

3. COMPONENTS OF THE SCHEME:

The Scheme will have following components:

- (i) Development of Course Curriculum/ Training Module in English, Hindi and translation of the same in recognized regional languages (as per 8th schedule) based on the Food Processing QPs validated by NSDA as National Occupational Standards.
- (ii) Establishing Training Center (TC) / Expansion of Existing Training Centre to impart skill training on various job roles in food processing as per National Skill Qualification Framework (NSQF).

4. IMPLEMENTATION OF SCHEME COMPONENTS-

The components of the scheme will be implemented as per the National Skill Qualification Framework (NSQF) and operational procedures established by the Sector Skill Council i.e. Food Industry Capacity & Skill Initiative (FICSI). The development of course curriculum/ training modules/ translation of training modules in regional languages is required to be as per validation of NSDC.

4.1. Development of Course Curriculum/ Training Module in English, Hindi and translation of the same in recognized regional languages based on the QPs validated by NSDA as National Occupational Standards

4.1.1. In order to impart standardized skill training, devising modular training curriculum for each job role in accordance to the QPs validated by NSDA is of paramount importance. High quality course content in English, Hindi and Regional languages in print as well as in multi-media for each job role identified under sub-sector, developed and translated under the scheme, shall be available to the training centers for conducting skill training on respective job roles of Food Processing Sector.

4.1.2. Following category of institutions/organizations shall be eligible to (i) All recognized Central / State/ Deemed Universities or its Departments of Food processing Technology, (ii) Colleges/Institutions of Food Technology affiliated with Central/ State Govt. Universities, (iii) Professional agencies with past experience in developing training modules, (iv) National level Food Processing Industry Associations/ Food Processing Wing of National level Industry Associations/Chambers of Commerce

4.1.3 Pattern of Assistance (As Grants-in-aid):

- a) Grants-In-Aid would be provided to the eligible Institutions/organizations upto a maximum of Rs. 5.00 lakhs per QP for development of training module both in print and Multi-media for each job role.

- b) Up to a maximum of Rs. 0.50 lakh per QP would be provided for the translation of already developed training modules in recognized regional languages as per 8th schedule both in print and Multi-media for each job role.
- c) The grant will be released after the training modules are developed / translated and are further validated by Industry and accepted by Food Industry Capacity & Skill Initiative (FICSI).
- d) Copyright of the training module, so developed, shall lie with the respective developer. However, MoFPI shall have unrestricted right of usage without any obligation to pay royalty and may authorize any training center to use the material.

4.1.4. Method of Application:

- a) The applicant institute/*organization* need to apply in prescribed format **(Annexure-I)** submitting therewith Food Processing sector training modules/ translated training modules duly validated by Industry and accepted by FICSI. Development of course content in sectors, other than Food Processing, shall not be eligible for assistance under the scheme.
- b) The application is required to be forwarded by Head of the Department/ Institution/*organization*.
- c) The application is to be accompanied with a confirmation letter from FICSI that the training module/ translation of the training module has not previously been done by any other agency/ institute. The date on which proposed training module is accepted by FICSI should be later to the date on which applications for grants under the scheme is called for by the Ministry.
- d) Applicant has to provide Surety Bond in **Annexure-III** and an affidavit that he has not availed assistance from any Government Agency for development of same training module **Annexure-IV**.

4.2 Establishing Training Center (TC) / Expansion of Existing Training Centre to impart skill/ training on various job roles in food processing.

4.2.1 To impart training for specific job roles in food processing sector, TCs are required to be equipped with specific machineries as prescribed under training modules. In order to help establishing new TCs and getting them affiliated/accredited with FICSI/*NSDC*/State Skill *Missions* or to expand the existing TCs, grants in aid will be provided to Training Partners for purchase of plant & machinery as per the requirement of specific Food Processing training module.

4.2.2 Eligibility: Following Institutions/*Organizations* shall be eligible to apply under the scheme-

- a) Recognized Central/State/Deemed University or its Department of Food Processing Technology.
- b) Colleges/Institutions of Food Technology, affiliated with Central/ State Govt. Universities.
- c) Govt. approved Industrial Training Institutes (ITIs),
- d) NABL accredited Food Labs,
- e) Training Partners having permanent/ temporary affiliation with or accreditation by FICSI, NSDC or State Skill Missions.
- f) MoFPI assisted Mega Food Parks and Agro Processing Clusters

4.2.3 Pattern of Assistance (As Grant-in-aid):

- a) Grants-In-Aid will be provided at the rate of 50% of cost of plant & machineries required for a NSDA/NSDC validated training module subject to a maximum of Rs. 15 lakh per training module.
- b) Grants-In-Aid will be provided to maximum of five training modules per TC, provided there is no overlap in plant and machinery. In case any machinery is required for more than one training module, Grants shall be provided only one number of that machinery, irrespective of number of training modules for which Grants is being provided.
- c) The Grants-In-Aid will be released by the Ministry to eligible institutions/organizations in two equal installments i.e. 50% advance and remaining 50% after the plant machinery has been purchased and installed by the Institute/ organization.
- d) Plant and machinery prescribed by NSDC/ FICSI from time to time for different training modules shall be eligible for Grants under the scheme. The current list of plant & machinery is available at URL (http://smart.nsdcindia.org/knowledge_bank.aspx).

4.2.4 Method of application:

- a) The applicant institute/ TC need to apply in prescribed format (**Annexure-II**) with details of Plant & machinery proposed to be purchased as per the training modules validated by NSDA/NSDC along with cost estimate of each item. Application need to be accompanied with Quotations, based on which cost estimates have been arrived at.
- b) The application is required to be forwarded by Head of the Department/ Institution/organization.
- c) The application should be accompanied with certificate from FICSI, NSDC or State Skill Mission to the effect that the training Partner has been affiliated to/accredited with the respective body. TPs with temporary affiliation/ accreditation are also eligible to apply under the scheme. However, prior to release of the second and final installment of Grants in Aid, they shall be required to get their training center audited by the respective affiliation/ accreditation body and should have permanent Affiliation/ Accreditation.

- d) The applicant has to certify that plant & machinery proposed to be purchased for the TC, where Training is proposed to be imparted, is as per the requirement of the training module of _____ (name of Sector and Job role).
- e) Applicant has to submit a Surety Bond (Annexure-III) as well as an affidavit to the effect that no assistance has been availed from any Government Agency for the same purpose (Annexure-IV).

5. SUBMISSION OF PROPOSALS:

All proposals are to be submitted in the prescribed format online on the web portal of MoFPI with relevant documents.

6. APPROVAL OF PROPOSALS & RELEASE OF GRANTS-IN-AID:

The proposals received under both the components of the scheme will be scrutinised by a Scrutiny Committee constituted for this purpose. The Scrutiny Committee will consist of

- a. Joint Secretary (Skill Division) MoFPI - Chairperson
- b. Director/Deputy Secretary (Skill Division) MoFPI - Member Secretary
- c. Deputy Secretary/Under Secretary (Finance) MoFPI - Member
- d. Nominee of NIFTEM- Member
- e. Nominee of IIFPT - Member
- f. CEO, FICSI or his nominee - Member

The proposals recommended by Scrutiny Committee under Development of Course Curriculum/ Training Module component shall be considered by the Ministry for final approval and release of the eligible Grant.

For establishment/ expansion of Training Centre (TC), release of the eligible Grants-in-Aid shall be made in the following two stages:

- i. A proposal meeting the prescribed eligibility conditions and found complete in all respect will be recommended by the Scrutiny Committee to the Ministry for consideration of approval. If approved by the Ministry, 50% of the eligible Grant shall be released in advance.
- ii. After purchase and installation of the equipment for the job role (s) and fulfillment of the following conditions as well as any other condition (s) imposed by the Ministry in Approval letter, release of second and final installment of Grant shall be considered by the Ministry against the eligible expenditure incurred by TP:

- a) Submission of voucher/bill of the Plant and machinery installed.
- b) Submission of certificate of permanent affiliation/ accreditation by FICSI, NSDC or State Skill Mission.
- c) Submission of a certificate from NSDC/FICSI/State Skill Mission/concerned District Labour/Employment Officer to the effect that the applicant Training Center is operational prior to release of the second and final installment of Grants in Aid.
- d) Submission of a Certificate from Chartered Engineer duly countersigned by Head of Department/Institution for installation of plant and machinery as per Annexure-V needs to be submitted.

Release of the instalment(s) of Grant shall be made online through PFMS and applicant need to get registered on PFMS/EAT prior to release of Grant.

ANNEXURE-I

Application for Development of Course Curriculum/ Training Modules based on the QPs validated by NSDA as National Occupational Standards in English, Hindi and translation of the same in recognized regional language, under Scheme for Human Resources and Institution – Skill Development (SHRISD).

1.	NAME OF THE INSTITUTION	
2.	Nature of Organization (Company, Trust, College, University, Society, etc.)	
3.	Act under which Registered	
4.	Year of Incorporation/ Registration	
5.	Registered Address	
6.	Experience in Skilling ecosystem (In Years)	
7.	PAN No of Organization	
8.	TAN No. of organization	
9.	No of employees in the organization	
10.	Details of developed Training module along with corresponding validated QP	
10a	Whether developed in Print as well as Multi-media? (Pl provide details and enclose copy of the same)	
10b	Whether translated to recognised regional language? (Pl provide details and enclose copy of the same)	
11.	Whether training module validated by Industry and accepted by FICSI? (Pl provide validation letter)	
12.	Bank Account details	

Certified that the above information is correct and true to the best of my knowledge.

Signature_____

Name_____

Designation_____

Institution_____

Email_____

Mobile_____

Application for Establishing Training Center (TC) / Expansion of Existing Training Centre to impart skill training on various job roles in food processing under Scheme for Human Resources and Institution – Skill Development (SHRISD)

PART A- GENERAL INFORMATION

1.	NAME OF ORGANIZATION	
2.	Nature of Organization (Company, Trust, College, University, Society, etc.)	
3.	Act under which Registered	
4.	Year of Incorporation/ Registration	
5.	Registered Address	
6.	Experience in Skilling ecosystem (In Years)	
7.	PAN No of Organization	
8.	TAN No. of organization	
9.	No of employees in the organization	
10.	Detail of currently operational Training Centers	
11.	Details of Permanent/ Temporary Affiliation/ Accreditation with NSDC/ FICSI/State Skill Missions	
12.	Bank Account details	

PART B- FINANCIAL INFORMATION

1.	Audited Annual Turnover for the last three years	
----	--	--

PART C-TRAINING CENTER DETAILS

1.	Name of the Training Center	
2.	Whether Owned, Leased, Rented or Franchise?	
3.	Address of the Training Center	
4.	Details of the training on-going/ <i>proposed</i> to be conducted in the center <i>including business plan for utilisation of the equipment proposed to be purchased</i>	
5.	Whether training is being conducted under any scheme of govt. to carry out training?	
6.	Details of Job roles (Job Role Name, QP Code, NSQF Level) for which training is being conducted.	
7.	Whether training under any other sector carried out in the training center?	
8.	No. of Classrooms	
9.	Area of each classroom	
10.	Details of the training equipment available	
11.	Job Role details and cost estimate of the proposed Equipments/ plant & Machineries (To be supported with Quotations)	
12.	Total estimated cost	

Certified that the above information is correct and true to the best of my knowledge.

Signature_____

Name_____

Designation_____

Institution_____

Email_____

Mobile_____

PART D- DOCUMENT CHECKLIST FOR APPLICATION

Sl No	Items	Details/Documents Furnished or Not Furnished
1.	Certificate of Incorporation	
2.	Rent Agreement/ Franchise Agreement/ Ownership document of the training center, as applicable	
3.	PAN Card	
4.	Tan No.	
5.	Electricity Bill/Telephone Bill/ Municipal House tax Receipt for the last three months of the Training Center.	
6.	NSDC/ FICSI/ Sector Skill Council accreditation or Affiliation Certificate	
7.	Audited Financial Statements for the last three Financial Years.	
8.	Photos of:	
	a. Training Center Building	
	b. Approach Road	
	c. Each Classroom	
	d. Existing Plant & Machinery	
9	Surety Bond (Annexure III) & Affidavit in Rs.100 Non judicial stamp paper duly notarised (Annexure IV).	
10	Quotation for each equipment for which grant is being applied	

(Not applicable for quasi Government Institution Central Autonomous Organizations)

ANNEXURE-III

(To be prepared on Non-Judicial Stamp paper of Rs. 100/-)

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS that we, M/s
_____, a _____ (Type of organization)
incorporated / registered under the _____ (Name of the Act)
And having its registered office at _____
(hereinafter called the "Obligors") are held fully and firmly bound to the President of India
(hereinafter called the "Government") for the sum of Rs. _____
(Rupees _____ only) well and truly to be paid to the
Government on demand and without a demur for which payment we firmly bind ourselves
and our successors and assignees by these presents.
SIGNED on the _____ day of _____ in the
year Two Thousand _____.

WHEREAS on the Obligors' request, the Government as per Ministry of Food Processing
Industries' Sanction Order No. _____ Dated _____

(hereinafter referred to as the "Letter of Sanction") which forms an integral part of these presents, and
a copy whereof is annexed hereto and marked as Annexure-I, agreed to make in
favour of the Obligors grants-in-aids-in-aid of Rs. _____ (Rupees
_____ only) for the purpose of
_____ (description of the project) at
_____ out of which the sum of Rs. _____ (Rupees
_____ only) have been paid to the Obligors (the receipt of which the
Obligors do hereby admit and acknowledge) on condition of the Obligors executing a bond in
the terms and manner contained hereinafter which the Obligors have agreed to do.

NOW the conditions of the above written obligation is such that if the Obligors duly fulfil
and comply with all the conditions mentioned in the letter of sanction, the above written
Bond or obligation shall be void and of no effect. But otherwise, it shall remain in full force
and virtue. The Obligors will abide by the terms & conditions of the grants-in-aid by the
target dates, if any specified therein.

THAT the Obligors shall not divert the grants-in-aids and entrust execution of the Scheme or work
concerned to another institution(s) or organization(s).

THAT the Obligors shall abide by any other conditions specified in this agreement and in the event of their failing to comply with the conditions or committing breach of the bond, the Obligors individually and jointly will be liable to refund to the President of India, the entire amount of the grants -in-aid with interest of 10% per annum thereon. If a part of the grants-in-aid is left unspent after the expiry of the period within which it is required to be spent, interest @10% per annum shall be charged up to the date of its refund to the Government, unless it is agreed to be carried over.

The Obligors agree and undertake to surrender / pay the Government the monetary value of all such pecuniary or other benefits which it may receive or derive / have received or derived through / upon unauthorized use of (such as letting out the premises on adequate or less than adequate consideration or use of the premises for any purpose other than that for which the grants-in-aid was intended of the property) buildings created / acquired constructed largely from out of the grants-in-aid sanctioned by the Government of India, Ministry of Food Processing Industries or the administrative Head of the Department concerned. As regards the monetary value aforementioned to be surrendered / paid to the Government, the decision of the Government will be final and binding on the Obligors.

AND THESE PRESENTS ALSO WITNESS THAT the decision of the Secretary to the Government of India in the Ministry of Food Processing Industries on the question whether there has been breach or violation of any of the terms or conditions mentioned in the sanction letter shall be final and binding upon the Obligors and

IN WITNESS WHEREOF these presents have been executed as under on behalf of the Obligors the day herein above written in pursuance of the Resolution No. _____
Dated

_____ passed by the governing body of the Obligors, a copy whereof is annexed hereto as Annexure-II and by _____ for and on behalf of the president on the date appearing below:-

Signature of the AUTHORISED
SIGNATORY Signed for and on behalf of
(Name of the Obligor in block letters) (Seal /
Stamp of Organization)

1. Signature of witness

Name & Address

2. Signature of witness

Name & Address

TO BE FILLED UP BY THE MINISTRY

(ACCEPTED)

For and on behalf of the President of India

Name:_____

Designation:_____

Dated:_____

Notary Seal & Signature

Affidavit

[As per GFR-230(1)]

I S/o Resident of
director /

proprietor of M/s do here by solemnly affirms and state as follows:

(a) That organization's sister concern (s)/ inter connected company/Group company as well as the applicant company itself has not obtained any financial assistance for similar purpose from MoFPI.

(b) That the organization has not obtained/applied for or will not obtain any grant/subsidy from any Ministry/Department of Central Govt/GOI organization/agencies and State Govt for the same purpose/activity /same components.

Deponent

Verification :

Verified that the content of this affidavit are true and correct to the best of the knowledge and belief of the deponent and no part of this affidavit is kept concealed therein, If anything is found false in this Affidavit subsequently deponent and organisation shall be liable jointly and severally for action under the laws, hence verified at (Place) on (Date) .

Deponent

Notary Seal& Signature

[Refer Para 4.3(ii)(a) of Guidelines]

CE Certificate (Mechanical) Format for Plant & Machinery:

(Letter Head of the CE)

CE Certificate (With membership/registration No. of CE) in the following format:-

Name of Training Centre:

Location with address:

Date of visit by Chartered Engineer:

Sl. No	Name of Machinery/equipment	Quantity	Actual Cost (Lakh Rs)		Supplier / Manufacturer	Installed /Not Installed	Comments on quality, Specifications, etc.
			Basic Cost	Taxes, Freight, Installation, Insurance			
	TOTAL						

It is certified that all plant and machinery for which grant being sought are new.

Signature and Seal of C.E.

Counter signature of authorized signatory of from TC with Seal

Deendayal Antyodaya Yojana - National Rural Livelihood Mission (DAY-NRLM)

National Rural Livelihoods Mission (NRLM) was launched by the Ministry of Rural Development (MoRD), Government of India in June 2011. The program was renamed as Deendayal Antayodaya Yojana (DAY-NRLM) in November 2015. Aided in part through investment support by the World Bank, the Mission aims at creating efficient and effective institutional platforms of the rural poor, enabling them to increase household income through sustainable livelihood enhancements and improved access to financial services.

NRLM has set up dedicated sensitive support units at each level to catalyze social mobilization, build institutions, capacities and skills, facilitate financial inclusion and access to financial services, support livelihoods and to promote convergence and partnerships with various programmes and stakeholders. The units are:

- **National level** – Empowered Committee (EC), National Rural Livelihoods Promotion Society (NRLPS)
- **State level** - State Rural Livelihoods Missions (SRLMs), State Mission Management Units (SMMUs)
- **District level** – District Mission Management Units (DMMUs)
- **Block level** – Block Mission Management Units (BMMUs)

An illustrative list of components being funded under the mission is given below:

- i. Institutional Building & Capacity Building
- ii. Financial Inclusion
- iii. Livelihoods Promotion
- iv. Social Inclusion & Development
- v. Systems - Financial Management; Human Resources; Procurement; Monitoring Evaluation & Learning (MEL)/Management Information Systems (MIS); Knowledge Management & Communications; Governance & Accountability
- vi. Convergence & Partnerships

The details of the components being funded under the mission may be accessed from the NRLM Website: <http://www.aajeevika.gov.in/>.





Source: Information available on NRLM website – [www. aajeevika.gov.in](http://www.aajeevika.gov.in)



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