

Detail Project Report of
Support to Entrepreneur for “Establishment of
Fodder Block Making Unit (30 MT/day)”
Under
National Livestock Mission
During the year
2022-23

Source of Funds & Contribution:
“Centrally Sponsored Plan Scheme”

[Project Cost Per Unit (30MT/day) :
Rs.85,00,000.00]

Entrepreneur Share	:Rs.47.50Lakhs
Central Capital subsidy	:Rs.47.50Lakhs
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Total Project Cost	:Rs.85.00Lakhs

Directorate of Animal Husbandry & Veterinary Services,
Odisha, Cuttack

Modalities for Implementation of the Scheme “Support to Entrepreneurs for Establishment of Fodder Block Making Unit (30MT/day)” under National Livestock Mission during the year 2022-23

BACKGROUND:

At present farmers are not interested to spare their land for fodder cultivation giving much preference to paddy and other food crops. Our repeated intervention since last decade regarding fodder cultivation on farmers own field has not up to desire level and the acceptance is negligible. Due to continuous intervention and implementation of various dairy development projects, the farmers are gradually accepting the dairy farming as income generation activities. Under such changed situation for higher profitability to farmers in milk production, fodder becomes the essential element to reduce the consumption of concentrated cattle feed.

It has been observed that there is high deficit of feed stuff particularly green fodder in the state for maintaining the productivity and health of dairy animals. The present proposal can help the dairy farmers of the State to support in optimum nutritional management of their animals there by reducing in production cost.

In order to promote nutritional support to Dairy Farming activities under National Livestock Mission (NLM) is implementing a new scheme "Establishment of Fodder Block Making Unit" to make available quality dry fodder round the year with affordable cost.

AIM:

This programme aims to support Entrepreneurs for establishment of Fodder Block making Unit (30MT/day) of " with a central capital subsidy of 50 percent of the total cost to the eligible entities with Entrepreneurs' share of 50 percent out of total cost of Rs.85,00,000/-per Unit (30MT/day),during the year 2022-23.

OBJECTIVE:

- To provide balance feed & fodder to the dairy farmers at their doorstep.
- To Transport fodder from surplus regions to drought/natural calamity affected areas at the time of need.

- To prevent pollution hazards to the environment, by not allowing burning of the crop residue in farmers field
- To bridge the gap between the supply and demand of fodder which needs planned scientific management of huge & bulky crop residues/roughages.
- To facilitate storage and transportation by densification.

TARGET BENEFICIARIES:

Under the scheme individual entrepreneurs, Farmers Producers Organization (FPOs),Farmer Cooperative Organizations(FCOs),Joint Liability Groups(JLGs),Self Help Groups(SHG) will be covered.

SELECTION OF ENTREPRENEURS/ ELIGIBLE ENTITIES:

- a) Entrepreneurs/ Eligible Entities either have obtained training or have sufficient experience in the relevant field in managing and running the project
- b) Entrepreneurs/ Eligible Entities need to get sanction of project by the bank for the remaining cost of the project
- c) Entrepreneurs/ Eligible Entities should have own land or lease land where the project will be established.
- d) Entrepreneurs/ Eligible Entities have all the relevant documents for KYC required by the bank.

Note:- No assistance will be provided for purchasing of land, lease of land ,purchase of vehicle for personal use, office establishment, working capital and recurring cost.

Submission of Application

Each eligible Entrepreneur/ Eligible Entities, are to apply through NLM Portal available at Udyamimitra Portal of SIDBI. While applying in the portal, the applicant need to prepare a Project Report indicating the total cost of the project ,detailed project and their economic benefit, indicating the forward & backward linkages.

Approval of the Project

- The beneficiary/ entrepreneurs 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.
- On the applications submitted by the beneficiaries, the State Implementing Agency (Name of the agency and State) will scrutinise the application and recommend the same to the Bank for sanction of loan.
- After the recommendation of the project by the State Implementing Agency, the same will be considered by the bank for financing to beneficiaries.

- Once the beneficiary obtained the bank 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 bank sanction for the loan.
- The DAHD shall approve the project through the Project Approval Committee and funds will be released directly to the Lending Bank to release the subsidy to Beneficiaries.

Release of subsidy to the Beneficiaries:

- 50% back ended capital subsidy up to the ceiling of subsidy mentioned against each project will be release in two installments.
- First installment will be released upfront to the lending bank which will be credited to beneficiary account after the bank releases first installment of loan to the beneficiary and its confirmation by State Implementing Agency. The release of subsidy will be entered in the portal also.
- The subsidy will be released only when the beneficiary has made expenditure of 25% cost of the project towards infrastructure and has been verified by the State Implementing Agency.
- Beneficiaries will be eligible for the second installment after completion of the project and certified so by the implementing agency and returnable through the portal.
- In case of self-financing project, the project needs to be appraised by the bank where the Entrepreneurs/ Eligible Entity have account.
- State Implementing Agency will follow up the project for the period of 2 years after completion with regards to its operation.

TRAINING OF THE ENTREPRENEURS:

- i) Training will be organized at District level/Block Head Quarter level or any other convenient place on recommended practices of operating the machineries for densification of the raw materials (straw/ stover) and feeding of Fodder Block to the livestock and hygienic management of the Fodder Block Unit.
- ii) The concerned Livestock Inspectors, Gomitras and Prani Mitras will have to guide the Entrepreneurs in field for managing the Fodder Block Making Unit.

iii) The capacity building of LIs, Gomitras, PraniMitras will be taken up by the DAH&VS.

MANAGEMENT OF FODDER BLOCK MAKING UNIT (30MT/DAY):

- The Fodder Block making Unit has the following components
 - LD-HD Cutting with electric motor starter, panel board, V – Belt, Pullies etc. LD- Low density Materials (like paddy straw)
 - HD- LD mixture complete with electric motor, HD – High density Materials (Concentrate Pre- mixes)
 - Densified TMR (Total Mixed Ration) block maker with electric motor starter, Hydraulic oil, cooling system.
 - Platform Electronic weigh scale
 - Main control panel complete with tarter contractors relays meter, conduits and fittings, cable trays etc.
 - Stitching machine double thread
 - Molasses storage tank (2 MT capacity) OR Molasses storage tank (80 Kgs. capacity)
 - Grinding section fitted with an elevator motor connection 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
 - 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 M.S. construction fitted with motor.
 - Power supply (Gen Set)140 KVA
 - Shed for machinery (60' X 50' X 20')
 - Shed for storing raw materials (60' X 100' X 20')
- The cost limit of each component is annexed at **ANNEXTURE – I**

MONITORING AND SUPERVISION:

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, the 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.

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 Panchyeta raj institutions like the members of Gram Panchyeta at the village level and Panchayat Samiti at the Block level and the District Pachayeta/ Zilla Parisad at the district level.

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.

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

SCHEME OUTLAY:

The Unit (30MT/day) cost of **One Fodder Block Making Unit (30MT/day)** under NLM is **Rs.85,00,000/-**. with Central Capital Subsidy of 50% up to 50 lakhs and rest 50% to be borne by the Entrepreneurs/ Eligible Entity.

Year	Unit (30MT/day) Cost Rs. in lakh	Total Project Cost Rs. in lakh		
		Central Share	Entrepreneur Share	Total cost
2022-23	85	47.50	47.50	85.00

TIME FRAME:

The project will be implemented during the year 2022-23.

Appendix-I

REPORTING OF OUTPUT AND OUTCOME FOR NATIONAL LIVESTOCK MISSION					
OUTPUTS(YEAR)			OUTCOME(YEAR)		
Output	Indicators	Target	Output	Indicators	Target
7. Assistance for establishing fodder Entrepreneurs	Total No of Fodder entrepreneurs supported(in numbers)		11. Enrich fodder production by the entrepreneurs	11.2 Quantity of Fodder Block (in ton/TMR)	
	7.2 Total No of Fodder Block Units established/TMR				

INDICATIVE COST OF ONE FODDER BLOCK MAKING UNIT (30MT/DAY) FOR ENTREPRENEURS:

Annexure-I

SL No.	Item	Quantity	Cost (Rs. in lakh)
01	LD-HD Cutting with electric motor starter, panel board, V-belt, Pulleys etc.LD Low Density Materials (like paddy straws)	01	4.00
02	HD-LD Mixer complete with Electric Motor, HD-High Density materials (concentrate Pre-mixes)	01	3.00
03	Densified TMR block maker with electric <i>motors</i> starter, hydraulic oil, cooling system.	02	38.70
04	Platform electronic Weigh Scale	02	0.90
05	Main control panel complete with tarter contractors,, relays meter, conduits, and fittings, cable trays <i>etc.</i> .	1 lot	4.45
06	Stitching machine double thread	02 set	0.20
07	Molasses Storage tank (2 MT capacity)OR Molasses tank (80 kg) capacity	01 set	3.25
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.	2set	3.5
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 M.S construction fitted with motor.	01 set	4.00
10	Power supply (Gen set) 140 KVA	01 set	5.00
11	Shed for machinery (60' X 50' X 20') @Rs 200 per sq. ft	01	6.00
12	Shed for storing raw materials (60' X 100' X 20') @Rs 200 per sq. ft	01	12.00
Total			85.00

(Rupees Eighty five Lakhs) only



Fodder Block Making Machine and fodder blocks



HD-LD Mixture Machine



Cutting & Chaffing Machine of low density material