

INTEGRATED POST HARVEST MANAGEMENT GUIDELINES

Specific programmes which would be taken up under MIDH would include establishment of Pack houses, Integrated Pack houses, Pre-cooling units, Cold Rooms, Mobile Pre-cooling units, Cold Storage units, Controlled (CA) Storage / Modified Atmosphere (MA) Storage / supply of refrigerated vans/containers, primary/mobile processing units, ripening chambers, evaporative/low energy cool chambers, preservation units, onion storage units and zero energy cool chambers. All these projects will be entrepreneur driven through commercial ventures for which Governmental assistance will be credit linked back-ended.

Subsidy in accordance with the cost norms given to PSUs and State Government agencies, Cooperatives, growers' association, farmers group, self-help groups, women farmers groups, recognized/registered by the DMCs, having at least 25 members, will also be entitled to avail assistance for such activities to the same extent. However, assistance will not be credit linked for such agencies but would be back ended subject to condition that they are able to meet their share of the project cost.

Assistance for setting up of new cold storage/ CA Storage/ MA storage will be available to Type – I & Type - II Cold Storage units with latest / new technologies, which are energy efficient with provision for insulation, humidity control, advanced cooling systems etc., having specifications and standards approved by the Ministry as detailed in the website. www.nhm.nic.in / www.midh.gov.in.

A) STEPS TO BE FOLLOWED IN GENERAL:

1) At the time of receiving the proposal from promoter at the ADH office

- 1) Application along with appraisal should be in prescribed format duly signed by the promoter.
- 2) The documents to be submitted for that particular component are to be verified as per the check list.
- 3) All the project proposals should be numbered in print / ink with index showing the contents as mentioned in check list.
- 4) Issue of acknowledgement to the promoter.

2) Verification in ADH office

- 1) Application should be verified that all the columns are properly filled with the signature of the promoter.
- 2) The documents are to be verified as per the check list and the check list should be duly signed by the ADH for onward submission to State cell.
- 3) If any documents are missing the promoter should be asked to submit the pending documents within one week.
- 4) After receipt of all documents DHM approval has to be obtained.
- 5) The ADH should forward the project proposals in 2 sets (Cold Storages / Ripening Chambers / Primary Processing units / Reefer Vans) along with the check list duly signed by the ADH. If any documents are not required proper justification has to be given for not submitting the documents.
- 6) As the bank consent letter, bank appraisal report and affidavit are most essential documents, the ADH should verify this documents with originals and ADH should attest the duplicate copies before submitting the project proposals to this office.

3) After Issue of Administrative Sanction and Execution of The Project

- 1) Preliminary inspection report in the prescribed format has to be submitted by ADH along with bank disbursement statement to state cell for release of subsidy.
- 2) Periodical inspection at different stages of execution.
- 3) ADHs have to give confirmation regarding the suggestions / remarks given by the technical consultant in techno economic viability report.
- 4) ADH should recommend for constitution of joint inspection team.

4) Joint Inspection

- 1) It is the responsibility of the ADH to coordinate with all the members as constituted in the team for conducting joint inspection.
- 2) The relevant proformas should be properly filled and subsidy is to be recommended for release.

5) MONITORING

- 1) The ADH should periodically visit and inspect the unit to see that whether the unit is being utilized for the purpose for which it is sanctioned.

PATTERN OF ASSISTANCE

Sl. No.	Component	Unit cost	Pattern of Assistance
1	Functional Pack house / on farm collection Unit	Rs. 4.00 lakh/unit with size of 9Mx6M	50% of the capital cost.
2	Low cost onion storage structure (25 MT)	Rs. 1.75 lakh /per unit	50% of the total cost.
3	Zero Energy Cool Chamber	Rs.4000/- per unit	50% of the Total Cost.
4	Cold Storage (Construction, Expansion and Modernization)		
i)	Cold storage units Type 1 - basic mezzanine structure with large chamber (of >250 MT) type with single temperature zone	Rs. 8,000/MT, (max 5,000 MT capacity)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs.
iii)	Cold Storage Units Type 2 with add on technology for Controlled Atmosphere	Additional Rs. 10,000/- / MT for add on components of controlled atmosphere technology. Details are in Appendix-I	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs.
5	Integrated pack house with facilities for conveyer belt, sorting, grading units, washing, drying and weighing.	Rs. 50.00 lakh per unit with size of 9Mx18M	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs
6	Pre-cooling unit	Rs. 25.00 lakh / unit with capacity of 6 MT.	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs

7	Cold room (staging)	Rs. 15.00 lakh/ unit of 30 MT capacity	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas
8	Refrigerated Transport vehicles	Rs. 26.00 lakh for 9 MT (MIDH & HMNEH)	Credit linked back-ended subsidy @ 35% of the cost of project in general areas and 50% of cost in case Hilly & Scheduled areas for individual entrepreneurs.
9	Primary / Mobile/ Minimal processing unit	Rs 25.00 lakh / unit	Credit linked back-ended subsidy @ 40% of the capital cost of project in general areas and 55% in case of Hilly & Scheduled areas.
10	Ripening chamber	Rs. 1.00 lakh / MT.	Credit linked back-ended subsidy @ 35% of the capital cost of project in general areas and 50% in case of Hilly & Scheduled areas for a maximum of 300 MT per beneficiary.

- Assistance can also be availed for a combination of PHM infrastructure components by a beneficiary, within the prescribed norms of individual items. Assistance will be available to individuals, Group of farmers/growers/ consumers, Partnership/ Proprietary firms, Self Help Groups (SHGs), Farmers Producer Organization (FPOs), Companies, Corporations, Cooperatives, Cooperative Marketing Federations, Local bodies, Agricultural Produce Market Committees (APMC) & Marketing Boards and State Governments.
- Assistance will also be available for taking up cold chain components so as to integrate the activities into a single project.