



**Detailed Project Report for Establishing
Common Incubation Centre for
Oilseed, Coconut and Jaggery Powder Processing**

**Submitted to
Ministry of Food Processing Industries
PM-FME**

Submitted by

_____12.2020_____



S. No		Details of Host Institute
1	Name of the Host Institute	
2	Institute Head	
3	Email id and contact number	
4	Government/Private	
5	If Private the percentage contribution for establishing the common incubation Facility?	
6	Registration Details (for private agency)	
7	Name of the Mentor Institute	
8	Incubation Center applied for (which processing line)	
9	Building/space available for the proposed incubation center	
10	Whether the space available for incubatee /startups in the proposed building	
11	If Yes, give the details If No, propose the plan	
12	Existing facility for the proposed common incubation center	
13	Activities carried out currently	
14	List of existing equipment available for the proposed incubation center	
15	Does the host institute requires upgradation of the existing facility	

16	If Yes , address the gap	
17	If upgradation required, cost required for the same	
18	Is food testing facility available at the host institute	Flooring has to be made according to FSSAI standards. Electrical and plumbing works has to done to facilitate functioning of incubation centre
19	If No, mention the equipments required with cost	
20	List out the GMP / GHP Practices to be followed in the proposed incubation center.	
21	Measures to be adopted for human / food safety	
22	Expertise in the relevant processing	
23	Modality to fix the external agency to run the common incubation centre	
24	Modalities for fixing commercial charges to run the facility	
25	Suitability of the proposed facility for processing other commodities	
26	Will the host institute provide water, electricity to run the common incubation facility	
27	Annual Maintenance Plan for the machineries installed at incubation centre	
28	Expected number of entrepreneurs to be benefitted through incubation center per year	

29. Justification for the proposed facility at the Host Institute

30. Map of the Host Institute showing accessibility for transport and market

31. Plan for upgrading/setting the proposed facility

(Details of space available, machineries required with cost and capacity)

- i. Land required for setting the proposed plant: 6900 sq.ft
- ii. Approximate cost :275.4

A.The possible processing lines that can be established for common incubation facility is given below with the details and cost of machineries required for processing of Oil seeds/ Coconut/Jaggery

COST NORMS FOR OILSEED/COCONUT PROCESSING					
S.No	Processing Lines	Machineries required for Processing	Capacity	Cost (in Lakhs)	Quantity
1.	Seed Pre-processing Machineries	Seed cleaner		10	1
		Stone remover		4	1
		Decorticator and Roaster	350 kg/hr	0.6	1
		Crusher		2	1
		Shaker screen with blower		1	
		Vibrating sifter	150-200 Kg/hr	1	1

		Flaker		10	1
		Seed cooker/cooking machine		4	1
		Bean extrusion machine		2	1
		Sub-total		34.6	
2	Oil Extraction Unit	Oil Extraction Plant		34.6	
		Screw oil expeller - expellers complete with long heating kettle, other accessories and electrical	1.2 tons oil /day	25	2
		Cold press unit		2	
		Table Ghani		7	
		Sub-total		68.6	
3	Filtration Unit	Oil Filter Press		89	
		Filter press with plunger pump, filter cloth etc		4	1
		Oil Refinery Plant		20	
		Sub-total		113	
4					
	Coconut oil extraction unit	Coconut splitter	250 nuts/h	1	1
		Shell fired copra dryer	200 nuts/batch	2	2
		Desheller for partially dried copra	200 nuts/batch	1	1
		Copra cutter	200 nuts/batch	1	1

		Steam blancher	200 nuts/batch	1	1
		Sub-total		6	
5	Oil Packaging Unit				
		Tin packing machines of	15 lt	5	
		Volumetric filling and sealing machine		6	
		Can Sealing machine, Box stamping machine		0.2	
				11.2	
6	Primary Processing of Sugarcane	Crushing unit with accessories	1000 kg/hr	10	1 set
		Juice filtration unit	1500 l/hr	3	1 set
		Clarification and boiling unit	250 kg/hr	5	1 set
		Cooling and moulding unit		3	
		Storage (SS 304) containers/bins	500 kg/bin	1	1 set
		Packaging Machine for Powder jaggery	100 kg/hr	4	1
		Sub-total		26	
7	Food Testing Facilities	Soxhlet apparatus, Moisture meter, Hot air oven, Colour, sp gravity, pH, turbidity, viscosity analyzer		10	
8	Accessories			6	
		Total		275.4	

B.Waste Management / By- Product utilisation

C. Waste Disposal

Whether the host institute has Effluent treatment / Solid Waste management facility ?				
1	If yes, the same can be utilized for waste management of the proposed incubation center?			
2	If No, Propose the plan for waste management from the incubation center.			

Summary of the cost break up

S.No	Processing Lines	Approx. Cost (in lakhs)
1	Seed pre-processing Machineries	34.6
2	Oil Extraction Unit	68.6
3	Filtration Unit	113
4	Coconut oil (500 nuts/day) extraction unit	6
5	Oil packaging unit	11.2
6	Primary Processing of Sugarcane	26
7	Food Testing Facilities	10
8	Accessories	6.0
	Total	275.4

32. Can the facility be utilized to process other crops. If so, list the allied products that can be processed at the centre?

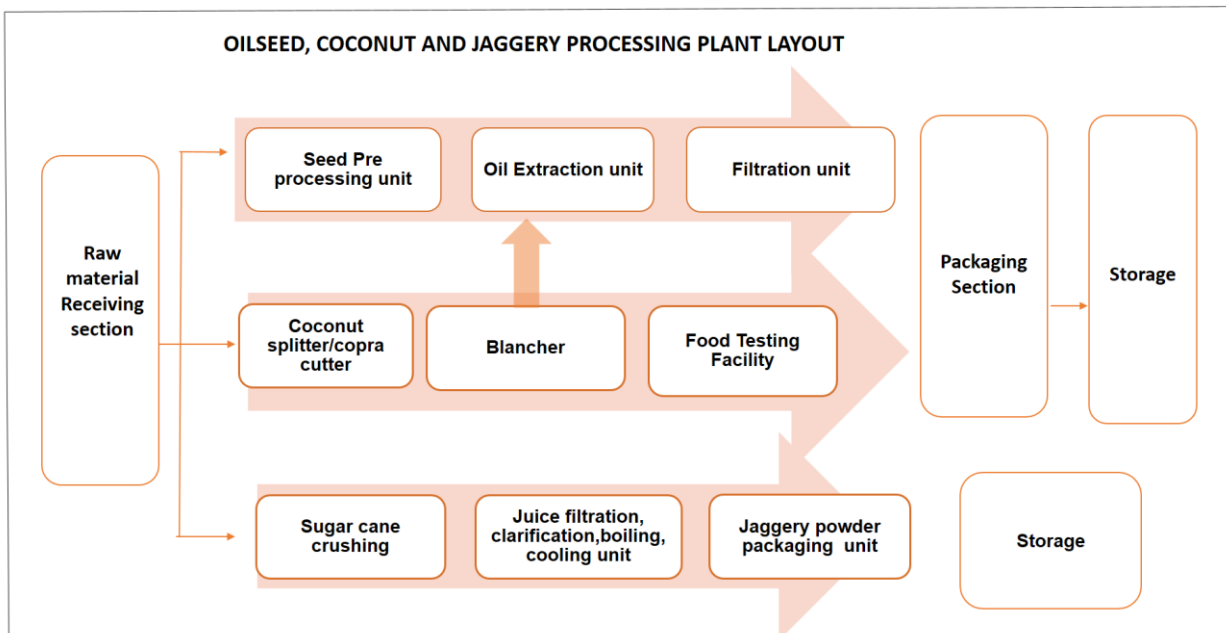
33. Will the host Institute make use of the machines already available for the proposed incubation centre?

34. Feasibility report for commercially running the Common incubation facility

(To be provided by Host Institute)

- a. Business plan for running the common incubation centre
- b. Minimum 5 years of Operating plan should be provided.
- c. Man power requirement
- d. Minimum operational hours/ days per year
- e. Operational cost involved (water, electricity, raw material cost, fuel charges)
- f. Fixation of utility charges
- g. Details of the agency identified to run the proposed incubation facility
- h. Tripartite agreement format to be signed by private agency, stale level nodal agency and the Host Institute

35. Layout for the proposed facility



36.Recommendation of SNA with Signature

37. Signature of the Head of the SLTI/ Host Institute with Designation.