



MODEL DPR

HORTICULTURE BASED APMC

under Agriculture Infrastructure Fund Scheme

Submitted to



Department of Agriculture,
Cooperation & Farmers
Welfare

Department of Agriculture,
Cooperation & Farmers Welfare

Submitted by



Knowledge Partner
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Preparation of this document has been possible with broad-based support and co-operation from various stakeholders. NABARD Consultancy Services hereby, sincerely and gratefully acknowledges the support and valuable co-operation extended by them.

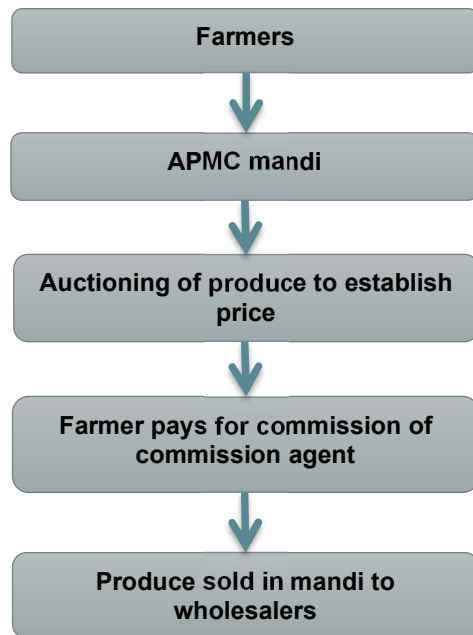
Our sincere thanks are also due to all others who directly or indirectly helped NABCONS in preparation of this document.

APMC stands for Agricultural Produce & Livestock Market Committee established under the provisions of APLM Act. Agricultural Produce Market Committee (APMC) Yard / Regulated Market Committees (RMC) Yard is any place in the market area managed by a Market Committee, for the purpose of regulation of marketing of notified agricultural produce and livestock in physical, electronic or other such mode. The place shall include any structure, enclosure, open space locality, street including warehouse/silos/pack house/cleaning, grading, packaging and processing unit present in the Market Committee of the defined market area.

An assessment of crop losses conducted by the Indian Council of Agricultural Research in 2016 revealed that about 3.9% to 6% cereals, 4.3% to 6.1% pulses, 2.8% to 10.1% oilseeds, 5.8% to 18.1% fruits, and 6.9% to 13% vegetables were lost during harvesting, post-harvesting activities, handling and storage.

This report is a detailed feasibility study on setting up various post-harvest infrastructures in horticulture based APMCs/ RMCs to reduce the post-harvest losses and for providing advanced facilities to the farmers.

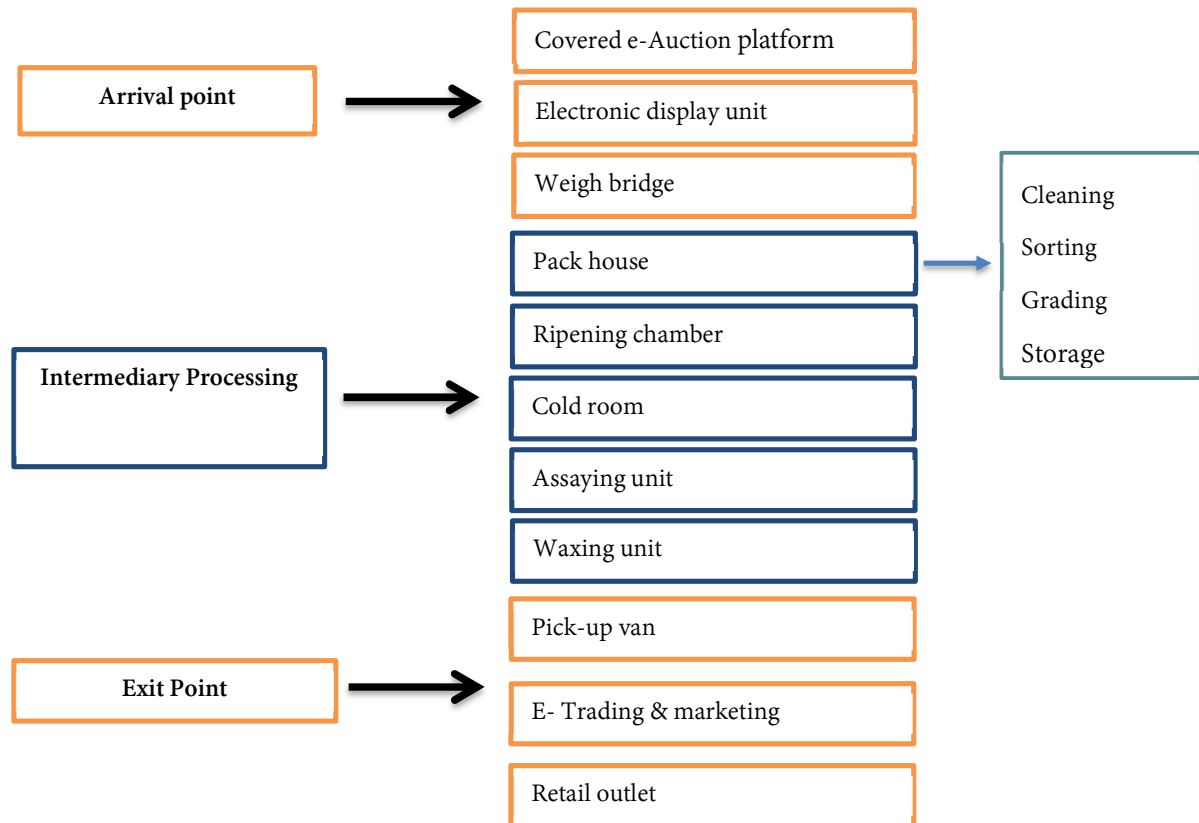
Existing produce flow in APMCs



The agricultural marketing system in the country needs to be integrated and strengthened. Agriculture and agricultural marketing need to be remodelled to respond to the market needs and consumer preferences. The Government of India has been taking various initiatives for bringing positive changes in the agricultural marketing sector as these markets are important for small farmers who may not attract large buyers for direct purchase.

Proposed structure

The present infrastructure of most of the APMCs in the country is inadequate and led to high wastage. The need of the hour is that the present system needs well-functioning markets to drive growth and economic prosperity. In order to understand the whole produce flow in the APMCs, the process can be divided into three phases- Arrival point, Intermediary Processing and Exit point. Proposed activities under each of the phase are illustrated below:



The present auctioning system is manual and cumbersome, resulting in lack of transparency and delayed payment to farmers. To resolve the problem, electronic and covered auction place is proposed to be constructed.

Generally after arrival, farmers sell their produce without any primary processing like grading and assaying. A batch/ consignment of fruits and vegetables contains produce of various grades (A, B and C; A being the highest quality produce), as the produce is not sorted or segregated on the basis of quality, the batch/ consignment is sold at single price. The idea behind setting up a pack house at the APMC premise is to segregate the batch based on quality of produce. The 'A' quality produce being the best, fetches the premium price and the balance produce is sold at the prevailing prices for the market. Additionally, due to increased health awareness amongst the final consumers, the assaying units help the farmers in clinching better prices for the produce.

The third and most important phase is to facilitate the farmers with the pickup facilities, e-trading and marketing and Retail outlet. Till today, some farmers are relying on bullock-cart to bring their produce to APMC where they face inconvenience and loss of produce. To address the difficulties, the APMC can provide pickup facility on rental basis to farmers so that the produce can be brought to the APMC without any inconvenience to farmers. To cope up with the times of electronic markets, the APMC can expedite the process by developing an e-trading and marketing platform. This would involve making an application or website as marketplace for farmers so that the produce could be sold at single click to the consumers. Another facility for making APMC brand name for ace quality produce is to have retail outlet in APMC. This way, APMC can give competition to big brands in the retail market.



Picture: Pack house

Table: List of fruits and vegetables generally found in Haryana's horticulture based APMCs

Fruits		Vegetables	
Apple	Peach	Parmal	Garlic dry
Apricot	Peer	bottle guard	Ginger
Anar	Plum	Arum	Torayi
Banana	Sanghara	Bitter guard	Lady finger
Ber	Sapota	brinjal	Lemon
Custard Apple	Sweet lime	cabbage	Linseed
Grapes	Water melon	carrot	Long melon
Guava		Cauliflower	Onion
Kinnow		Chappan kadu	Potato
Litchi		Cucumber	Pumpkin
Loquat		Cluster bean	Radish
Orange		Dry peas	Tinda, Turnip
Mango		Elephant foot	Tomato
Mosambi		French beans	sweet potato

1. AIF template-

<https://www.agriinfra.dac.gov.in/Documents/Circular/B85D81772DD34C9FB5FD90DEBA022854.pdf>

2. Arrival and Exit unit

- a. Total project cost = Rs. 67.00 lakhs
- b. Plant and machinery – Page 4 of Arrival and Exit DPR (see attachments)

- c. Revenue details – Page 13 of Arrival and Exit DPR (see attachments)
- d. Profit and loss statement – Page 5 of Arrival and Exit DPR (see attachments)
- e. Means of finance – Page 3 of Arrival and Exit DPR (see attachments)

3. Pack house (including cleaning, grading, packaging, cold room etc.) & Assaying unit

- a. Total project cost = Rs. 198.00 lakhs
- b. Plant and machinery – Page 4 of pack house DPR (see attachments)
- c. Revenue details – Page 13 of pack house DPR (see attachments)
- d. Profit and loss statement – Page 5 of pack house DPR (see attachments)
- e. Means of finance – Page 3 of pack house DPR (see attachments)

4. Ripening chamber

- a. Total project cost = Rs. 91.00 lakhs
- b. Plant and machinery – Page 4 of Ripening Centre DPR (see attachments)
- c. Revenue details – Page 13 of Ripening Centre DPR (see attachments)
- d. Profit and loss statement – Page 5 of Ripening Centre DPR (see attachments)
- e. Means of finance – Page 3 of Ripening Centre DPR (see attachments)

5. Waxing Plant

- a. Total project cost = Rs. 81.00 lakhs
- b. Plant and machinery – Page 4 of Waxing Plant DPR (see attachments)
- c. Revenue details – Page 13 of Waxing Plant DPR (see attachments)
- d. Profit and loss statement – Page 5 of Waxing Plant DPR (see attachments)
- e. Means of finance – Page 3 of Waxing Plant DPR (see attachments)

6. Cold Storage

- a. Total project cost = Rs. 106.70 lakhs
- b. Plant and machinery – Page 4 of Cold Storage DPR (see attachments)
- c. Revenue details – Page 13 of Cold Storage DPR (see attachments)
- d. Profit and loss statement – Page 5 of Cold Storage DPR (see attachments)
- e. Means of finance – Page 3 of Cold Storage DPR (see attachments)

- In addition to the above APMC shall have basic facilities like Water, electricity, road, staying
 1. Roads
 2. Power availability – generator room, Transformer house
 3. Check Post
 4. Water Tower / Tank
 5. Weigh bridge
 6. Covered Auction place
 7. Digital display units

Arrival and Exit Facilities DPR

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DPR without subsidy

Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	-
	Total	-
2	Site Development	-
(a)	Total	-
3	Civil Work	
(a)	Civil Work	-
	Total	-
4	Plant and Machinery (indigenous)	
(a)	Plant and Machinery	54.75
	Total	54.75
5	Miscellaneous Fixed Assets	
(a)	Cost	-
6	Working Capital Margin	12.25
7	Preliminary Expenses	-
(a)	Security Deposit	-
	Total	
8	Pre-Operative Expense (for 6 months upto the date of commencement of commercial production)	
(a)	Establishment and Travelling and Other Expenses	
(b)	Legal and Misc Expense	-
	Total	-
9	Service Centre Infrastructure	-
10	Contingencies	-
	Total Cost of Project	67.00

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)
1	Promoter's equity	6.70
2	Eligible Assistance	-
3	Term Loan	48.05
4	CC Limit	12.25
	Total	67.00

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

1. Plant and machinery	Units	Amt
1 Tipper dumper	2	2,400,000
2 E-Trading platform		1,000,000
3 Retail outlet- With assets small referigeration	1	1,000,000
4 Weigh bridge		675,000
5 Covered auction place		300,000
6 Electronic display unit		100,000
Total Plant and Machinery		5,475,000
Total fixed Assets		5,475,000

Annexure 4 - Estimated Cost of Production

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
	No of Working months	12	12	12	12	12	12	12	12	12
	Rental income	1,500,000.0	1,650,000.0	1,815,000.0	1,996,500.0	2,196,150.0	2,415,765.0	2,657,341.5	2,923,075.7	3,215,383.2
	Term Loan Interest	285,527.88	249,490.38	205,136.54	160,782.69	116,428.85	72,075.00	27,721.15	-	-
	Working capital interest	122,500.00	122,500.00	122,500.00	122,500.00	122,500.00	122,500.00	122,500.00	122,500.00	122,500.00
	Operating profits (PBT)	1,091,972	1,278,010	1,487,363	1,713,217	1,957,221	2,221,190	2,507,120	2,800,576	3,092,883
	Preliminary Expense	-	-	-	-	-	-	-	-	-
	depreciation	821,250	698,063	593,353	504,350	428,698	364,393	309,734	263,274	223,783
	Net Profit before Tax	270,722	579,947	894,010	1,208,867	1,528,524	1,856,797	2,197,386	2,537,302	2,869,100
	Income Tax/ savings on tax	81,217	173,984	268,203	362,660	458,557	557,039	659,216	761,191	860,730
	Profits after Tax	189,505	405,963	625,807	846,207	1,069,966	1,299,758	1,538,170	1,776,111	2,008,370
	Distribution of profits (80%)	151,604	324,770	500,646	676,966	855,973	1,039,806	1,230,536	1,420,889	1,606,696
	Profit transfer to balance sheet	37,901	81,193	125,161	169,241	213,993	259,952	307,634	355,222	401,674

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	5,475,000	4,653,750.00	3,955,687.50	3,362,334.38	2,857,984.22	2,429,286.59	2,064,893.60	1,755,159.56	1,491,885.62
	Less- Depreciation	821,250	698,062.50	593,353.13	504,350.16	428,697.63	364,392.99	309,734.04	263,273.93	223,782.84
	net Block	4,653,750	3,955,687.50	3,362,334.38	2,857,984.22	2,429,286.59	2,064,893.60	1,755,159.56	1,491,885.62	1,268,102.78
2	Sundry debtors	125,000	137,500	151,250	166,375	183,013	201,314	221,445	243,590	267,949
3	Cash/ bank balance	1,589,536	1,617,060	1,582,594	1,501,830	1,388,652	1,255,465	1,113,471	1,709,822	2,310,920
	Total assets	6,368,286	5,710,248	5,096,178	4,526,189	4,000,951	3,521,672	3,090,075	3,445,298	3,846,972
B	Liabilities									
1	Capital	670,000	707,901	789,094	914,255	1,083,497	1,297,490	1,557,441	1,865,075	2,220,298
	Add- Profit	37,901	81,193	125,161	169,241	213,993	259,952	307,634	355,222	401,674
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	707,901	789,094	914,255	1,083,497	1,297,490	1,557,441	1,865,075	2,220,298	2,621,972
2	term Loan	4,435,385	3,696,154	2,956,923	2,217,692	1,478,462	739,231	-	-	-
3	Working capital	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000
	Total liabilities	6,368,286	5,710,248	5,096,178	4,526,189	4,000,951	3,521,672	3,090,075	3,445,298	3,846,972
	-	-	-	-	-	-	-	-	-	-
Current Ratio										
	Current Assets	1,714,536	1,754,560	1,733,844	1,668,205	1,571,665	1,456,779	1,334,916	1,953,412	2,578,869
	Current Liabilities	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000	1,225,000
	Ratio	1.399620989	1.432293909	1.415382728	1.361799698	1.282991662	1.189207009	1.089727298	1.594622134	2.105199191
	Average				1.430093846					
Debt Equity ratio										
	Debt	5,660,385	4,921,154	4,181,923	3,442,692	2,703,462	1,964,231	1,225,000	1,225,000	1,225,000
	Equity	707,901	789,094	914,255	1,083,497	1,297,490	1,557,441	1,865,075	2,220,298	2,621,972
	Ratio	7.996010525	6.236463292	4.57413133	3.177391139	2.083609034	1.26119079	0.656809872	0.551727806	0.467205637
	Average				3.000504381					
Fixed asset coverage ratio										
	Fixed assets	4,653,750	3,955,688	3,362,334	2,857,984	2,429,287	2,064,894	1,755,160	1,491,886	1,268,103
	Debt	5,660,385	4,921,154	4,181,923	3,442,692	2,703,462	1,964,231	1,225,000	1,225,000	1,225,000
	ratio	0.822161446	0.803813013	0.804016313	0.830159643	0.898583742	-	-	-	-
					0.462081573					
Debt service coverage ratio										
	Interest on loan (TL + WC)	408,028	371,990	327,637	283,283	238,929	194,575	150,221	122,500	122,500
	Instalment of loan	1,594,615	1,964,231	1,964,231	1,964,231	1,964,231	1,964,231	1,964,231	1,225,000	1,225,000
	Total	2,002,643	2,336,221	2,291,867	2,247,513	2,203,160	2,158,806	2,114,452	1,347,500	1,347,500
	Net operating income	1,091,972	1,278,010	1,487,363	1,713,217	1,957,221	2,221,190	2,507,120	2,800,576	3,092,883
	ratio	0.545265416	0.547041368	0.648974509	0.762272323	0.888370112	1.028897565	-	-	-
	Average				0.678384746					

1. assumed that 60 days of purchases are average creditors maintained

2. assumed that 30 days of sales are average debtors maintained by the business

Annexure 8 - Details of Mnpower

Details of Manpower

S. No.	Designation	In no.	Salary per person per month	Annual cost
i.	Factory manager	1	25,000	300,000
ii.	Accountant cum cashier	1	20,000	240,000
iii.	Mechanic	5	10,000	600,000
iv.	Security	2	6,000	144,000
v.	Labour	5		600,000
Total				1,884,000
Add: benefits @ 10%				188,400
Total				2,072,400

See note

Total annual wages	2,072,400
Annual increase in wages	7%
Total manpower	14

Note- It is assumed that some of the labour remains even in the off days, considering working days to be 300 days

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No.	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	-	5,475,000	-	54.75
ii.	Pre operatives	-	-	-	0.00
iii.	Contingencies	-	-	-	0.00
	Total				54.75

	Rates of Depreciation	10%	15%	10%	Total depreciation for the year
Year 1		-	821,250.00	-	821,250.00
Year 2		-	698,062.50	-	698,062.50
Year 3		-	593,353.13	-	593,353.13
Year 4		-	504,350.16	-	504,350.16
Year 5		-	428,697.63	-	428,697.63
Year 6		-	364,392.99	-	364,392.99
Year 7		-	309,734.04	-	309,734.04
Year 8		-	263,273.93	-	263,273.93
Year 9		-	223,782.84	-	223,782.84

Annexure 10 - Calculation of Income tax

Calculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	1,091,972	1,278,010	1,487,363	1,713,217	1,957,221	2,221,190	2,507,120	2,800,576	3,092,883
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	1,091,972	1,278,010	1,487,363	1,713,217	1,957,221	2,221,190	2,507,120	2,800,576	3,092,883
Less- Dep on WDV	821,250	698,063	593,353	504,350	428,698	364,393	309,734	263,274	223,783
Sub total	270,722	579,947	894,010	1,208,867	1,528,524	1,856,797	2,197,386	2,537,302	2,869,100
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	270,722	579,947	894,010	1,208,867	1,528,524	1,856,797	2,197,386	2,537,302	2,869,100
Income tax @30%	81,217	173,984	268,203	362,660	458,557	557,039	659,216	761,191	860,730

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	48.050
Rate of interest	6.00%
Moratorium period	6 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	48.05	0	0.72075
	2	48.05	0	0.72075
	3	48.05	1.848076923	0.72075
	4	46.20192308	1.848076923	0.69303
2	1	44.35384615	1.848076923	0.66531
	2	42.50576923	1.848076923	0.63759
	3	40.65769231	1.848076923	0.60987
	4	38.80961538	1.848076923	0.58214
3	1	36.96153846	1.848076923	0.55442
	2	35.11346154	1.848076923	0.5267
	3	33.26538462	1.848076923	0.49898
	4	31.41730769	1.848076923	0.47126
4	1	29.56923077	1.848076923	0.44354
	2	27.72115385	1.848076923	0.41582
	3	25.87307692	1.848076923	0.3881
	4	24.025	1.848076923	0.36038
5	1	22.17692308	1.848076923	0.33265
	2	20.32884615	1.848076923	0.30493
	3	18.48076923	1.848076923	0.27721
	4	16.63269231	1.848076923	0.24949
6	1	14.78461538	1.848076923	0.22177
	2	12.93653846	1.848076923	0.19405
	3	11.08846154	1.848076923	0.16633
	4	9.240384615	1.848076923	0.13861
7	1	7.392307692	1.848076923	0.11088
	2	5.544230769	1.848076923	0.08316
	3	3.696153846	1.848076923	0.05544
	4	1.848076923	1.85	0.02772

Annexure 14 - Cash flow statement

Particulars	0	I	II	III	IV	V	VI	VII	VIII	IX
opening balance	1,225,000	1,225,000	1,589,536	1,617,060	1,582,594	1,501,830	1,388,652	1,255,465	1,113,471	1,709,822
Add: Capital	670,000	-	-	-	-	-	-	-	-	-
Add: Loan disbursement	4,805,000	-	-	-	-	-	-	-	-	-
Less: Purchase of asset	5,475,000	-	-	-	-	-	-	-	-	-
Add: Sales realizations	-	1,375,000	1,512,500	1,663,750	1,830,125	2,013,138	2,214,451	2,435,896	2,679,486	2,947,435
Less: Payment made to creditors of previos year	-	-	-	-	-	-	-	-	-	-
Add: Receipts from debtors of previos year	-	-	125,000	137,500	151,250	166,375	183,013	201,314	221,445	243,590
Less: Payments made for current year purchase	-	-	-	-	-	-	-	-	-	-
Less: Pre incorporation expense	-	-	-	-	-	-	-	-	-	-
Less: Interest payments	-	408,028	371,990	327,637	283,283	238,929	194,575	150,221	122,500	122,500
	1,225,000	2,191,972	2,855,045	3,090,674	3,280,686	3,442,413	3,591,541	3,742,454	3,891,902	4,778,347
Less: Income tax	-	81,217	173,984	268,203	362,660	458,557	557,039	659,216	761,191	860,730
	-	2,110,755	2,681,061	2,822,470	2,918,026	2,983,856	3,034,502	3,083,238	3,130,711	3,917,617
Less: Distrubutions made from profits	-	151,604	324,770	500,646	676,966	855,973	1,039,806	1,230,536	1,420,889	1,606,696
	-	1,959,151	2,356,291	2,321,825	2,241,060	2,127,883	1,994,696	1,852,702	1,709,822	2,310,920
Less: Principal repayment of loan	-	369,615	739,231	739,231	739,231	739,231	739,231	739,231	-	-
Closing cash balance	1,225,000	1,589,536	1,617,060	1,582,594	1,501,830	1,388,652	1,255,465	1,113,471	1,709,822	2,310,920

Sales Budget

S. No.	Particulars	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A.	Estimated occupational capacity	70%	75%	80%	85%	90%	95%	100%	100%	100%
B.	Production capacity (kgs) [A. X Total capacity]	9,142,560	9,795,600	10,448,640	11,101,680	11,754,720	12,407,760	13,060,800	13,060,800	13,060,800
C.	Own produce (kgs) [B. X 2/3]	6,095,040	6,530,400	6,965,760	7,401,120	7,836,480	8,271,840	8,707,200	8,707,200	8,707,200
D.	Government produce (kgs) [B. X 1/3]	3,047,520	3,265,200	3,482,880	3,700,560	3,918,240	4,135,920	4,353,600	4,353,600	4,353,600
E.	Revenue from sale of own produce [C. X Sale price per kg]	213,326,400	239,992,200	255,991,680	271,991,160	287,990,640	303,990,120	319,989,600	319,989,600	319,989,600
F.	Revenue from processing government produce [D. X Processing charges]	457,128	489,780	522,432	555,084	587,736	620,388	653,040	653,040	653,040
G.	Input required (kgs) [C. X Input output ratio]	13,060,800	13,993,714	14,926,629	15,859,543	16,792,457	17,725,371	18,658,286	18,658,286	18,658,286
H.	Sale of by products -Husk	9,142,560	9,795,600	10,448,640	11,101,680	11,754,720	12,407,760	13,060,800	13,060,800	13,060,800
I.	Sale of by products -Bran	41,141,520	48,488,220	56,892,845	66,493,512	77,445,385	89,922,697	104,121,018	114,533,119	125,986,431
	Total revenue	264,067,608	298,765,800	323,855,597	350,141,436	377,778,481	406,940,965	437,824,458	448,236,559	459,689,871

Estimation of Production capacity

Per annum capacity in kgs	13,060,800
Operational days	225 days

Products	Production at 100% capacity	sales prices per kg	purchase price per kg	Processing charges for government produce per kg
Output	13,060,800	35.0	18.0	0.15

Production Budget

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Opening Stock	-	60,950	126,254	195,912	269,923	348,288	265,570	178,498	91,426
Production	6,095,040	6,530,400	6,965,760	7,401,120	7,836,480	8,271,840	8,707,200	8,707,200	8,707,200
Sales	6,034,090	6,465,096	6,896,102	7,327,109	7,758,115	8,354,558	8,794,272	8,794,272	8,794,272
Closing Stock	60,950	126,254	195,912	269,923	348,288	265,570	178,498	91,426	4,354

It is assumed that 2/3rd capacity of rice mill is used to process own produce, i.e., to process paddy into rice which is further sold by rice mill in the market. The balance 1/3rd capacity is used to process the government produce, for such processing rice mill charges minimal processing charges.

In case of processing own produce, paddy is procured from farmers and processed for selling. While for government produce, paddy is provided to mill for further processing and only processing charges are taken for such work.

Sales price per kg is Rs. 35 (considering single type of output rice) which will increase 5% annually

Input output ratio is taken to be 70%

Assumed that Husk being by product of producing the rice, is 10% of the total production capacity. Sale price of husk per kg is rs. 10

S. no. Assumptions

- 1 Electricity are semi-fixed cost. Rs. 100,000 pa is fixed, balance is variable at Rs. 14 per unit usage
- 2 Electricity usage in units is given below

Usage in units	70000	73500	77175	81033.75	85085.4375	89339.70938	93806.69484	93806.69484	93806.69484
Variable cost	980000	1029000	1080450	1134472.5	1191196.125	1250755.931	1313293.728	1313293.728	1313293.728

- 3 Assumed that 60 days of purchases are average creditors maintained
- 4 Assumed that 30 days of sales are average debtors maintained by the business
- 5 It is assumed that insurance cost is 2% of purchase price and this will increase 5% annually

Pack House

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DPR without Subsidy

Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	0.00
	Total	0.00
2	Civil Work	
(a)	Civil Work	30.00
	Total	30.00
3	Plant and Machinery (indigenous)	
(a)	Plant and Machinery	149.71
	Total	149.71
4	Miscellaneous Fixed Assets	
(a)	Cost	5
5	Working Capital Margin	12.59
6	Preliminary Expenses	
(a)	Security Deposit	0
	Total	
	Pre-Operative Expense (for 6 months upto the date of commencement of commercial production)	
(a)	Establishment and Travelling and Other Expenses	0.6
(b)	Legal and Misc Expense	0.1
	Total	0.7
	Total Cost of Project	198.00000

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)
1	Promoter's equity	19.80
2	Eligible Assistance	-
3	Term Loan	165.61
4	CC Limit	12.59
	Total	198.00

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

Complete Estimate of Civil and plant and machinery				
1. Civil work and other	Area/ capacity	Units	Rate	Amt
1 Pack house building	800 sq mtr	800		3,000,000
Total (Civil work)				3,000,000
2. Plant and machinery	Area/ capacity	Units	Rate	Amt
1 Automatic fruit grading and sorting machine	5-6 ton per hour	1	6,500,000	6,500,000
2 Electronic weighing machine		2	48,000	96,000
3 plastic crates	20 KG	1500	250	375,000
4 Staging Room and Cold room	30 MT	1	1,800,000	1,800,000
5 Shrik wrapping machine		1	750,000	750,000
6 Continuous type conveyor washer for fruits and vegetables		2	645,000	1,290,000
7 Dock leveler		1	400,000	400,000
8 Conveyor belt		1	300,000	300,000
9 Electrical works, stablizer				2,000,000
10 Computer invoicing				300,000
11 Accessories				200,000
12 Colourimeter		1		400,000
13 size - digital vernier calipers		2		10,000
14 Digital moisture meter		1		200,000
15 Spectrophotometer		1		350,000
Total Plant and Machinery				14,971,000
Total fixed Assets				17,971,000

Annexure 4 - Estimated Cost of Production

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
	No of Working months	12	12	12	12	12	12	12	12	12
	Running and Manintenance expense @20% of rvenue	360,000	384,000	408,000	432,000	456,000	480,000	480,000	480,000	480,000
	Sub Total	360,000	384,000	408,000	432,000	456,000	480,000	480,000	480,000	480,000
	Cost of Sales	360,000	384,000	408,000	432,000	456,000	480,000	480,000	480,000	480,000
	Expected sales revenue	3,600,000	3,840,000	4,080,000	4,320,000	4,560,000	4,800,000	4,800,000	4,800,000	4,800,000
	Gross Profit	3,240,000	3,456,000	3,672,000	3,888,000	4,104,000	4,320,000	4,320,000	4,320,000	4,320,000
	Financial expense									
	Interest on Term Loan	993,660	931,556	765,946	600,336	434,726	269,116	103,506	-	-
	Ineterst on working capital	125,900	125,900	125,900	125,900	125,900	125,900	125,900	125,900	125,900
	total	1,119,560	1,057,456	891,846	726,236	560,626	395,016	229,406	125,900	125,900
	Operating profits (PBT)	2,120,440	2,398,544	2,780,154	3,161,764	3,543,374	3,924,984	4,090,594	4,194,100	4,194,100
	preliminary expenses	70,000	-	-	-	-	-	-	-	-
	depreciation	2,545,650	2,178,803	1,865,482	1,597,810	1,369,073	1,173,554	1,006,378	863,393	741,059
	Net Profit before Tax	(495,210)	219,741	914,672	1,563,954	2,174,300	2,751,430	3,084,216	3,330,707	3,453,041
	Income Tax/ (Savings)	(127,563)	65,922	274,401	469,186	652,290	825,429	925,265	999,212	1,035,912
	Profits after Tax	(367,647)	153,819	640,270	1,094,768	1,522,010	1,926,001	2,158,951	2,331,495	2,417,129
	Distribution of profits (80%)	-	123,055	512,216	875,814	1,217,608	1,540,801	1,727,161	1,865,196	1,933,703
	Profit transfer to balance sheet	(367,647)	30,764	128,054	218,954	304,402	385,200	431,790	466,299	483,426

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	17,971,000	15,425,350.00	13,246,547.50	11,381,065.38	9,783,255.57	8,414,182.23	7,240,628.40	6,234,250.29	5,370,857.28
	Less- Depreciation	2,545,650	2,178,802.50	1,865,482.13	1,597,809.81	1,369,073.34	1,173,553.84	1,006,378.11	863,393.01	741,058.51
	net Block	15,425,350	13,246,547.50	11,381,065.38	9,783,255.57	8,414,182.23	7,240,628.40	6,234,250.29	5,370,857.28	4,629,798.77
2	Sundry debtors	360,000	384,000	408,000	432,000	456,000	480,000	480,000	480,000	480,000
3	Cash/ bank balance	3,755,003	3,187,603	2,404,172	1,443,969	340,478	1,613,315	3,051,484	4,381,176	5,605,660
	Total assets	19,540,353	16,818,150	14,193,237	11,659,224	9,210,660	9,333,944	9,765,734	10,232,033	10,715,459
B	Liabilities									
1	Capital	1,980,000	1,612,353	1,643,117	1,771,171	1,990,124	2,294,526	2,679,727	3,111,517	3,577,816
	Add- Profit	(367,647)	30,764	128,054	218,954	304,402	385,200	431,790	466,299	483,426
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	1,612,353	1,643,117	1,771,171	1,990,124	2,294,526	2,679,727	3,111,517	3,577,816	4,061,242
2	Creditors	108,000	115,200	122,400	129,600	136,800	144,000	144,000	144,000	144,000
3	term Loan	16,561,000	13,800,833	11,040,667	8,280,500	5,520,333	2,760,167	-	-	-
4	CC Limit	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000
	Total liabilities	19,540,353	16,818,150	14,193,237	11,659,224	9,210,660	6,842,893	4,514,517	4,980,816	5,464,242
		-	-	-	-	-	(2,491,050)	(5,251,217)	(5,251,217)	(5,251,217)
	Current Ratio									
	Current Assets	4,115,003	3,571,603	2,812,172	1,875,969	796,478	2,093,315	3,531,484	4,861,176	6,085,660
	Current Liabilities	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000	1,259,000
	Ratio	3.26846942	2.836856718	2.233655357	1.490046693	0.632627095	1.662680926	2.804990933	3.861140248	4.833725092
	Average				2.624910276					
	Debt Equity ratio									
	Debt	17,820,000	15,059,833	12,299,667	9,539,500	6,779,333	4,019,167	1,259,000	1,259,000	1,259,000
	Equity	1,612,353	1,643,117	1,771,171	1,990,124	2,294,526	2,679,727	3,111,517	3,577,816	4,061,242
	Ratio	11.05217034	9.165406599	6.944370723	4.793419053	2.954567573	1.499842061	0.40	0.35	0.31
	Average				4.16403295					
	Fixed asset coverage ratio									
	Fixed assets	15,425,350	13,246,548	11,381,065	9,783,256	8,414,182	7,240,628	6,234,250	5,370,857	4,629,799
	Debt	17,820,000	15,059,833	12,299,667	9,539,500	6,779,333	4,019,167	1,259,000	1,259,000	1,259,000
	ratio	0.86562009	0.879594562	0.925314944	1.025552237	1.241151868	1.801524793	4.951747648	4.265970834	3.677362009
	Average				2.181537665					
	Debt service coverage ratio									
	Interest on loan (TL + WC)	1,119,560	1,057,456	891,846	726,236	560,626	395,016	229,406	125,900	125,900
	Instalment of loan	-	2,760,167	2,760,167	2,760,167	2,760,167	2,760,167	2,760,167	-	-
	Total	1,119,560	3,817,623	3,652,013	3,486,403	3,320,793	3,155,183	2,989,573	125,900	125,900
	Net operating income	3,240,000	3,456,000	3,672,000	3,888,000	4,104,000	4,320,000	4,320,000	4,320,000	4,320,000
	ratio	2.893994069	0.90527537	1.005472895	1.115189521	1.23584942	1.36917577	1.445022457	34.31294678	34.31294678
	Average				1.179330906					

1. assumed that 90 days of purchases are average creditors maintained
2. assumed that 30 days of sales are average debtors maintained by the business

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No.	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	3,000,000	14,971,000	-	179.71
ii.	Pre operatives	-	-	-	-
iii.	Contingencies	-	-	-	-
	Total				179.71

	Rates of Depreciation	10%	15.0%	10%	Total
Year 1		300,000.00	2,245,650	-	2,545,650.00
Year 2		270,000.00	1,908,803	-	2,178,802.50
Year 3		243,000.00	1,622,482	-	1,865,482.13
Year 4		218,700.00	1,379,110	-	1,597,809.81
Year 5		196,830.00	1,172,243	-	1,369,073.34
Year 6		177,147.00	996,407	-	1,173,553.84
Year 7		159,432.30	846,946	-	1,006,378.11
Year 8		143,489.07	719,904	-	863,393.01
Year 9		129,140.16	611,918	-	741,058.51

Annexure 10 - Calculation of Income tax

Calculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	2,120,440	2,398,544	2,780,154	3,161,764	3,543,374	3,924,984	4,090,594	4,194,100	4,194,100
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	2,120,440	2,398,544	2,780,154	3,161,764	3,543,374	3,924,984	4,090,594	4,194,100	4,194,100
Less- Dep on WDV	2,545,650	2,178,803	1,865,482	1,597,810	1,369,073	1,173,554	1,006,378	863,393	741,059
Sub total	(425,210)	219,741	914,672	1,563,954	2,174,300	2,751,430	3,084,216	3,330,707	3,453,041
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	(425,210)	219,741	914,672	1,563,954	2,174,300	2,751,430	3,084,216	3,330,707	3,453,041
Income tax @30%	(127,563)	65,922	274,401	469,186	652,290	825,429	925,265	999,212	1,035,912

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	165.61
Rate of interest	6%
Moratorium period	12 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	165.61	0	2.48415
	2	165.61	0	2.48415
	3	165.61	0	2.48415
	4	165.61	0	2.48415
2	1	165.61	6.900416667	2.48415
	2	158.7095833	6.900416667	2.38064
	3	151.8091667	6.900416667	2.27714
	4	144.90875	6.900416667	2.17363
3	1	138.0083333	6.900416667	2.07013
	2	131.1079167	6.900416667	1.96662
	3	124.2075	6.900416667	1.86311
	4	117.3070833	6.900416667	1.75961
4	1	110.4066667	6.900416667	1.6561
	2	103.50625	6.900416667	1.55259
	3	96.60583333	6.900416667	1.44909
	4	89.70541667	6.900416667	1.34558
5	1	82.805	6.900416667	1.24208
	2	75.90458333	6.900416667	1.13857
	3	69.00416667	6.900416667	1.03506
	4	62.10375	6.900416667	0.93156
6	1	55.20333333	6.900416667	0.82805
	2	48.30291667	6.900416667	0.72454
	3	41.4025	6.900416667	0.62104
	4	34.50208333	6.900416667	0.51753
7	1	27.60166667	6.900416667	0.41402
	2	20.70125	6.900416667	0.31052
	3	13.80083333	6.900416667	0.20701
	4	6.900416667	6.90	0.10351

Annexure 14 - Cash flow statement

Particulars	0	I	II	III	IV	V	VI	VII	VIII	IX
opening balance	1,259,000	1,759,000	3,755,003	3,187,603	2,404,172	1,443,969	340,478	1,613,315	3,051,484	4,381,176
Add: Capital	1,980,000	-	-	-	-	-	-	-	-	-
Add: Loan disbursement	16,561,000	-	-	-	-	-	-	-	-	-
Less: Purchase of asset	17,971,000	-	-	-	-	-	-	-	-	-
Add: Sales realizations	-	3,240,000	3,456,000	3,672,000	3,888,000	4,104,000	4,320,000	4,320,000	4,320,000	4,320,000
Less: Payment made to creditors of previos year	-	-	108,000	115,200	122,400	129,600	136,800	144,000	144,000	144,000
Add: Receipts from debtors of previos year	-	-	360,000	384,000	408,000	432,000	456,000	480,000	480,000	480,000
Less: Payments made for current year purchase	-	252,000	268,800	285,600	302,400	319,200	336,000	336,000	336,000	336,000
Less: Legal expense	70,000									
Less: Interest payments	-	1,119,560	1,057,456	891,846	726,236	560,626	395,016	229,406	125,900	125,900
	-	3,627,440	6,136,747	5,950,956	5,549,136	4,970,543	4,248,661	5,703,909	7,245,584	8,575,276
Less: Income tax	-	(127,563)	65,922	274,401	469,186	652,290	825,429	925,265	999,212	1,035,912
	-	3,755,003	6,070,824	5,676,555	5,079,950	4,318,252	3,423,232	4,778,644	6,246,371	7,539,363
Less: Distrubutions made from profits	-	-	123,055	512,216	875,814	1,217,608	1,540,801	1,727,161	1,865,196	1,933,703
	-	3,755,003	5,947,769	5,164,339	4,204,135	3,100,644	1,882,432	3,051,484	4,381,176	5,605,660
Less: Principal repayment of loan	-	-	2,760,167	2,760,167	2,760,167	2,760,167	269,116	-	-	-
Closing cash balance	1,759,000	3,755,003	3,187,603	2,404,172	1,443,969	340,478	1,613,315	3,051,484	4,381,176	5,605,660

Sales Budget

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Capacity utilization	75%	80%	85%	90%	95%	100%	100%	100%	100%
Revenue	3600000.00	3840000.00	4080000.00	4320000.00	4560000.00	4800000.00	4800000.00	4800000.00	4800000.00

Assumptions:

1. It is assumed that F&V unit is leased to the third party on the basis of bid called and submitted by APMC

S. no. Assumptions

- 1 In the process of processing vegetables and fruits, it is assumed that there is normal loss of 10% of output produced
- 2 It is assumed that cost of inputs vegetable and fruits will increase 5% p.a.
- 3 Cost of closing stock is taken to be 22 (avg cost)
- 4 Transportation cost is fixed at 12 lakhs, bound to increase by 5% annually
- 5 Office electricity expense is Rs. 3.5 lakhs which will increase 5% annually
- 6 Office stationery expense is Rs. 200000 which increase 2% annually
- 7 It is assumed that 90 days of purchases are average creditors maintained
- 8 It is assumed that 30 days of sales are average debtors maintained by the business

Revenue

	I	II	III	IV	V	VI	VII	VIII	IX	
Turnover		36.00	38.40	40.80	43.20	45.60	48.00	48.00	48.00	48.00
Cost Of operations		3.60	3.84	4.08	4.32	4.56	4.80	4.80	4.80	4.80
Gross profit		32.40	34.56	36.72	38.88	41.04	43.20	43.20	43.20	43.20
EBITDA		32.40	34.56	36.72	38.88	41.04	43.20	43.20	43.20	43.20
Profit before tax		-4.952	2.197	9.147	15.640	21.743	27.514	30.842	33.307	34.530
Profit after tax		-3.676	1.538	6.403	10.948	15.220	19.260	21.590	23.315	24.171

Ripening Centre

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DPR

Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	-
	Total	-
2	Site Development	15.6
(a)	Total	15.6
3	Civil Work	
(a)	Civil Work	-
	Total	-
4	Plant and Machinery (indegenuous)	
(a)	Plant and Machinery	64.40
	Total	64.40
5	Miscellanoeous Fixed Assets	
(a)	Cost	-
6	Working Capital Margin	10.00
7	Preliminary Expenses	
(a)	Security Deposit	-
	Total	
8	Pre-Operative Expense (for 6 months upto the date od commencement of commercial production)	
(a)	Establisment and Travelling and Other Expenses	1.00
(b)	Legal and Misc Expense	-
	Total	1.00
9	E mandi expense	
	Total Cost of Project	91.00

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)
1	Promoter's equity	9.10
2	Eligible Assistance	-
3	Term Loan	71.90
4	CC Limit	10.00
	Total	91.00

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

Complete Estimate of Civil and plant and machinery			
1. Civil work and other			Amt
1	Shed for Ripening centre		360,000
2	Construction cost		1,200,000
Total (Civil work)			1,560,000
2. Plant and machinery		Area/ capacity	Units
			Amt
1	Ripening chambers	20 Ton capacity	3,500,000
2	Crates and othe material	20 kg capacity	200,000
4	Ethylene generater		400,000
5	Fabricated panel including sliding doors		800,000
6	Air Conditioning facility		300,000
7	Electrification charges		1,000,000
	Miscelleneous equipments		240,000
Total Plant and Machinery			6,440,000
Total fixed Assets			8,000,000

Preliminary expenses for 0.75 lakhs are also to be incurred

Annexure 4 - Estimated Cost of Production

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
	No of Working months	12	12	12	12	12	12	12	12	12
	Purchase of raw material input	16,500,000	18,768,750	21,223,125	23,876,016	26,741,138	29,833,082	33,167,367	36,760,499	40,630,025
	Electricity expense	1,240,000	1,297,000	1,356,850	1,419,693	1,485,677	1,554,961	1,627,709	1,704,094	1,784,299
	Running and Manintenance expense @2% of procurement cost	330,000	375,375	424,463	477,520	534,823	596,662	663,347	735,210	812,600
	Cost of Production	18,070,000	20,441,125	23,004,438	25,773,228	28,761,637	31,984,704	35,458,423	39,199,803	43,226,924
	Add: Opening stock	-	210,000	437,500	682,500	945,000	1,225,000	927,500	612,500	280,000
	Less: Closing stock	210,000	437,500	682,500	945,000	1,225,000	927,500	612,500	280,000	-
	Sub Total	17,860,000	20,213,625	22,759,438	25,510,728	28,481,637	32,282,204	35,773,423	39,532,303	43,506,924
	Administrative salaries and wages	1,368,000	1,450,080	1,537,085	1,629,310	1,727,068	1,830,693	1,940,534	2,056,966	2,180,384
	Stationery expense	200,000	202,000	204,020	206,060	208,121	210,202	212,304	214,427	216,571
	Selling expenses @ Rs. 0.5 per kg	371,250	402,188	433,125	464,063	495,000	536,563	568,125	599,688	630,000
	Total	1,939,250	2,054,268	2,174,230	2,299,433	2,430,189	2,577,457	2,720,963	2,871,081	3,026,956
	Cost of Sales	19,799,250	22,267,893	24,933,667	27,810,161	30,911,827	34,859,661	38,494,387	42,403,384	46,533,880
	Expected sales revenue	21,000,000	24,843,000	27,824,160	31,004,064	34,393,842	38,005,195	41,850,427	45,942,468	50,294,913
	Gross Profit	1,200,750	2,575,108	2,890,493	3,193,903	3,482,015	3,145,534	3,356,040	3,539,084	3,761,033
	Financial expense									
	Interest on Term Loan	427,252	373,327	306,958	240,588	174,219	107,850	41,481	-	-
	Interest on WC Loan	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	total	527,252	473,327	406,958	340,588	274,219	207,850	141,481	100,000	100,000
	Operating profits (PBT)	673,498	2,101,781	2,483,535	2,853,315	3,207,796	2,937,684	3,214,559	3,439,084	3,661,033
	Preliminary Expense	100,000	-	-	-	-	-	-	-	-
	depreciation	1,122,000	961,500	824,295	706,969	606,610	520,736	447,231	384,292	330,379
	Net Profit before Tax	(548,502)	1,140,281	1,659,240	2,146,346	2,601,186	2,416,948	2,767,328	3,054,793	3,330,654
	Income Tax	(134,551)	342,084	497,772	643,904	780,356	725,084	830,198	916,438	999,196
	Profits after Tax	(413,951)	798,196	1,161,468	1,502,442	1,820,830	1,691,864	1,937,130	2,138,355	2,331,458
	Distribution of profits (80%)	-	638,557	929,174	1,201,954	1,456,664	1,353,491	1,549,704	1,710,684	1,865,166
	Profit transfer to balance sheet	(413,951)	159,639	232,294	300,488	364,166	338,373	387,426	427,671	466,292

1. assumed that 10% of the output is normal loss in production process

2. interest on working capital is assumed to be 10% p.a.

3. Electricity are semi-fixed cost. Rs. 1,00,000 pa is fixed, balance is variable at Rs. 12 per unit usage

4. Electricity usage in units is given below

Usage in units	95000	99750	104737.5	109974.375	115473.0938	121246.7484	127309.0859	133674.5402	140358.2672
Variable cost	1140000	1197000	1256850	1319692.5	1385677.125	1454960.981	1527709.03	1604094.482	1684299.206

5. Stationery expense is fixed at Rs. 2,00,000 with annual increase of 2%

6. Closing stock is valued at Rs. 10 per kg

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	8,000,000	6,878,000.00	5,916,500.00	5,092,205.00	4,385,236.25	3,778,626.61	3,257,890.84	2,810,659.61	2,426,367.83
	Less- Depreciation	1,122,000	961,500.00	824,295.00	706,968.75	606,609.64	520,735.77	447,231.23	384,291.78	330,378.73
	net Block	6,878,000	5,916,500.00	5,092,205.00	4,385,236.25	3,778,626.61	3,257,890.84	2,810,659.61	2,426,367.83	2,095,989.10
2	Closing Stock	210,000	437,500	682,500	945,000	1,225,000	927,500	612,500	280,000	-
3	Sundry debtors	2,100,000	2,484,300	2,782,416	3,100,406	3,439,384	3,800,520	4,185,043	4,594,247	5,029,491
4	Cash/ bank balance	2,244,972	2,101,907	2,000,101	1,851,492	1,670,160	1,977,869	2,303,706	3,757,591	5,172,922
	Total assets	11,432,972	10,940,207	10,557,222	10,282,135	10,113,171	9,963,779	9,911,908	11,058,205	12,298,402
B	Liabilities									
1	Capital	910,000	496,049	655,688	887,982	1,188,470	1,552,636	1,891,009	2,278,435	2,706,106
	Add- Profit	(413,951)	159,639	232,294	300,488	364,166	338,373	387,426	427,671	466,292
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	496,049	655,688	887,982	1,188,470	1,552,636	1,891,009	2,278,435	2,706,106	3,172,397
2	term Loan	6,636,923	5,530,769	4,424,615	3,318,462	2,212,308	1,106,154	-	-	-
3	Working capital	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
4	Creditors	3,300,000	3,753,750	4,244,625	4,775,203	5,348,228	5,966,616	6,633,473	7,352,100	8,126,005
	Total liabilities	11,432,972	10,940,207	10,557,222	10,282,135	10,113,171	9,963,779	9,911,908	11,058,205	12,298,402
	Current Ratio									
	Current Assets	4,344,972	4,586,207	4,782,517	4,951,898	5,109,545	5,778,388	6,488,748	8,351,837	10,202,413
	Current Liabilities	3,300,000	3,753,750	4,244,625	4,775,203	5,348,228	5,966,616	6,633,473	7,352,100	8,126,005
	Ratio	1.3166581	1.221766811	1.126723072	1.037002663	0.955371585	0.968453097	0.978182624	1.135979899	1.255526311
	Debt Equity ratio									
	Debt	6,636,923	5,530,769	4,424,615	3,318,462	2,212,308	1,106,154	-	-	-
	Equity	496,049	655,688	887,982	1,188,470	1,552,636	1,891,009	2,278,435	2,706,106	3,172,397
	Ratio	13.37958086	8.435063296	4.98277859	2.792213265	1.424872082	0.584954385	-	-	-
	Average				3.511051387					
	Fixed asset coverage ratio									
	Fixed assets	6,878,000	5,916,500	5,092,205	4,385,236	3,778,627	3,257,891	2,810,660	2,426,368	2,095,989
	Debt	7,636,923	6,530,769	5,424,615	4,318,462	3,212,308	2,106,154	1,000,000	1,000,000	1,000,000
	ratio	0.900624496	0.905942285	0.938721852	1.015462616	1.176296599	1.546843715	2.810659613	2.426367829	2.095989097
	Average				1.535212011					
	Debt service coverage ratio									
	Interest on loan (TL + WC)	527,252	473,327	406,958	340,588	274,219	207,850	141,481	100,000	100,000
	Instalment of loan	553,077	1,106,154	1,106,154	1,106,154	1,106,154	1,106,154	1,106,154	-	-
	Total	1,080,329	1,579,481	1,513,112	1,446,742	1,380,373	1,314,004	1,247,635	100,000	100,000
	Net operating income	1,200,750	2,575,108	2,890,493	3,193,903	3,482,015	3,145,534	3,356,040	3,539,084	3,761,033
	ratio	1.111467128	1.630350651	1.910297177	2.207651603	2.522517328	2.393854335	2.689922067	35.39084483	37.61032691
	Average				1.370908889					

1. assumed that 30 days of purchases are average creditors maintained

2. assumed that 30 days of sales are average debtors maintained by the business

Annexure 8 - Details of Manpower

Details of Manpower

S. No.	Designation	In no.	Salary per person per month	Annually cost
i.	Machine operators	3	18,000	648,000
ii.	Accountant	1	26,000	312,000
iii.	Security	1	15,000	180,000
Total				1,140,000
Add: benefits @ 20%				228,000
Total				1,368,000

Total annual wages	1,368,000
Annual increase in wages	6%
Total manpower	5

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	1,560,000	6,440,000	-	80
ii.	Pre operatives	-	-	-	-
iii.	Contingencies	-	-	-	-
	Total				80

	Rates of Depreciation	10%	15%	10%	Total depreciation for the year
Year 1		156,000.00	966,000.00	-	1,122,000.00
Year 2		140,400.00	821,100.00	-	961,500.00
Year 3		126,360.00	697,935.00	-	824,295.00
Year 4		113,724.00	593,244.75	-	706,968.75
Year 5		102,351.60	504,258.04	-	606,609.64
Year 6		92,116.44	428,619.33	-	520,735.77
Year 7		82,904.80	364,326.43	-	447,231.23
Year 8		74,614.32	309,677.47	-	384,291.78
Year 9		67,152.88	263,225.85	-	330,378.73

Annexure 10 - Calculation of Income tax

Calculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	673,498	2,101,781	2,483,535	2,853,315	3,207,796	2,937,684	3,214,559	3,439,084	3,661,033
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	673,498	2,101,781	2,483,535	2,853,315	3,207,796	2,937,684	3,214,559	3,439,084	3,661,033
Less- Dep on WDV	1,122,000	961,500	824,295	706,969	606,610	520,736	447,231	384,292	330,379
Sub total	(448,502)	1,140,281	1,659,240	2,146,346	2,601,186	2,416,948	2,767,328	3,054,793	3,330,654
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	(448,502)	1,140,281	1,659,240	2,146,346	2,601,186	2,416,948	2,767,328	3,054,793	3,330,654
Income tax @30%	(134,551)	342,084	497,772	643,904	780,356	725,084	830,198	916,438	999,196

Annexure 11- Break even analysis (At maximum capacity utilization)

Break even capacity at maximum capacity utilization

Sales		35,000,000
Variable cost		
- Procurement cost of inputs	27,500,000	
- Running and maintenance cost	1,375,000	
- Selling cost	3,125,000	
- Interest on Working capital	100,000	
- electricity expense	1,684,299	33,784,299
Contribution		1,215,701
Less: fixed cost		
Wages and salaries		1,368,000
Office Electricity expense		100,000
Stationery		200,000
TL interest cost		427,252
Depreciation		5,904,011
Fixed cost		7,999,263

	Rs. per kg
Sales price per kg	28
Procurement cost	20
Running and maintenance cost	1.4
Interest on Working capital	0.08
Selling cost	2.5
Electricity charges	1.35
Contribution per unit	2.67
FC	7,999,263
BEP in kg	2,993,108.08
BEP %	239.45%

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	71.90
Rate of interest	6.00%
Moratorium period	6 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	71.90	0	1.0785
	2	71.90	0	1.0785
	3	71.90	2.765384615	1.0785
	4	69.13461538	2.765384615	1.03702
2	1	66.36923077	2.765384615	0.99554
	2	63.60384615	2.765384615	0.95406
	3	60.83846154	2.765384615	0.91258
	4	58.07307692	2.765384615	0.8711
3	1	55.30769231	2.765384615	0.82962
	2	52.54230769	2.765384615	0.78813
	3	49.77692308	2.765384615	0.74665
	4	47.01153846	2.765384615	0.70517
4	1	44.24615385	2.765384615	0.66369
	2	41.48076923	2.765384615	0.62221
	3	38.71538462	2.765384615	0.58073
	4	35.95	2.765384615	0.53925
5	1	33.18461538	2.765384615	0.49777
	2	30.41923077	2.765384615	0.45629
	3	27.65384615	2.765384615	0.41481
	4	24.88846154	2.765384615	0.37333
6	1	22.12307692	2.765384615	0.33185
	2	19.35769231	2.765384615	0.29037
	3	16.59230769	2.765384615	0.24888
	4	13.82692308	2.765384615	0.2074
7	1	11.06153846	2.765384615	0.16592
	2	8.296153846	2.765384615	0.12444
	3	5.530769231	2.765384615	0.08296
	4	2.765384615	2.77	0.04148

Sales Budget

Particlr	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Production capacity utilization	60%	65%	70%	75%	80%	85%	90%	95%	100%
Production qty	750000	812500	875000	937500	1000000	1062500	1125000	1187500	1250000
Sales qty	742500	804375	866250	928125	990000	1073125	1136250	1199375	1260000
Sales	21000000	23887500	25725000	27562500	29400000	31237500	33075000	34912500	36750000

Production budget

Production capacity 20000 per 4 days
 Operational days in a year 250 days
 Production qty in a year 1,250,000 kgs

Products	Production at 100% capacity	sales prices per kg in year I	purchase prices per kg in year I
Output	1,250,000	28.0	20.0

Output stock calculation

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Opening Stock	-	7,500	15,625	24,375	33,750	43,750	33,125	21,875	10,000
Add: Production	750,000	812,500	875,000	937,500	1,000,000	1,062,500	1,125,000	1,187,500	1,250,000
Less: Sales	742,500	804,375	866,250	928,125	990,000	1,073,125	1,136,250	1,199,375	1,260,000
Closing Stock	7,500	15,625	24,375	33,750	43,750	33,125	21,875	10,000	-

Assumptions:

1. Sales price per kg of output is 12.5, expected to increase 5% per annum
2. assumed that 95% of production is sold

Cash flow statement

Particulars	I	II	III	IV	V	VI	VII	VIII	IX
opening balance	1,000,000	2,244,972	2,101,907	2,000,101	1,851,492	1,670,160	1,977,869	2,303,706	3,757,591
Add: Sales realizations	18,900,000	22,358,700	25,041,744	27,903,658	30,954,457	34,204,676	37,665,384	41,348,221	45,265,421
Less: Payment made to creditors of previos year	-	3,300,000	3,753,750	4,244,625	4,775,203	5,348,228	5,966,616	6,633,473	7,352,100
Add: Receipts from debtors of previos year	-	2,100,000	2,484,300	2,782,416	3,100,406	3,439,384	3,800,520	4,185,043	4,594,247
Less: Payments made for current year purchase	16,709,250	18,741,643	20,934,042	23,297,458	25,843,599	28,595,545	31,545,913	34,718,784	38,127,875
Less: Interest payments	527,252	473,327	406,958	340,588	274,219	207,850	141,481	100,000	100,000
	2,663,498	4,188,702	4,533,201	4,803,503	5,013,334	5,162,598	5,789,762	6,384,712	8,037,284
Less: Income tax	(134,551)	342,084	497,772	643,904	780,356	725,084	830,198	916,438	999,196
	2,798,049	3,846,618	4,035,429	4,159,599	4,232,978	4,437,513	4,959,563	5,468,275	7,038,088
Less: Distrubutions made from profits	-	638,557	929,174	1,201,954	1,456,664	1,353,491	1,549,704	1,710,684	1,865,166
	2,798,049	3,208,061	3,106,255	2,957,646	2,776,314	3,084,022	3,409,860	3,757,591	5,172,922
Less: Principal repayment of loan	553,077	1,106,154	1,106,154	1,106,154	1,106,154	1,106,154	1,106,154	-	-
Closing cash balance	2,244,972	2,101,907	2,000,101	1,851,492	1,670,160	1,977,869	2,303,706	3,757,591	5,172,922

S. no. Assumptions

- 1 Assumed that 10% of the output is normal loss in production process
- 2 Interest on working capital is assumed to be 10% p.a.
- 3 Electricity are semi-fixed cost. Rs. 1,00,000 pa is fixed, balance is variable at Rs. 12 per unit usage
- 4 Electricity usage in units is given below

Usage in units	95000	99750	104737.5	109974.375	115473.0938	121246.7484	127309.0859	133674.5402	140358.2672
Variable cost	1140000	997500	1047375	1099743.75	1154730.938	1212467.484	1273090.859	1336745.402	1403582.672

- 5 Stationery expense is fixed at Rs. 2,00,000 with annual increase of 2%
- 6 Closing stock is valued at Rs. 10 per kg
- 7 Assumed that 30 days of purchases are average creditors maintained
- 8 Assumed that 30 days of sales are average debtors maintained by the business

Waxing Plant

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DPR without subsidy

Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	-
	Total	-
2	Site Development	16.00
(a)	Total	16.00
3	Civil Work	
(a)	Civil Work	
	Total	-
4	Plant and Machinery (indegenuous)	
(a)	Plant and Machinery	50.00
	Total	50.00
5	Miscellanoeous Fixed Assets	
(a)	Cost	-
6	Working Capital Margin	15.00
7	Preliminary Expenses	
(a)	Security Deposit	-
	Total	
8	Pre-Operative Expense (for 6 months upto the date od commencement of commercial production)	
(a)	Establisment and Travelling and Other Expenses	-
(b)	Legal and Misc Expense	-
	Total	-
9	E mandi expense	-
	Total Cost of Project	81.00

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)
1	Promoter's equity	8.10
2	Eligible Assistance	-
3	Term Loan	57.90
4	CC Limit	15.00
	Total	81.00

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

1. Building	Units	Amt
Building construction		1,600,000
Total Building		1,600,000

2. Plant and machinery	Units	Amt
1 Fruit grading machine	1	400,000
2 Dryer	1	300,000
3 Fruit waxing machine (Semi Automatic)	1	2,200,000
4 Fruit washer	1	145,000
5 Screw conveyer	2	100,000
6 Packaging machine	1	320,000
7 Electrical		500,000
8 Miscellaneous expense		235,000
9 Tata Yodha for foraying the produce to and from the factory premise		800,000
Total Plant and Machinery		5,000,000
Total fixed Assets		6,600,000

Annexure 4 - Estimated Cost of Production

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
	No of Working months	12	12	12	12	12	12	12	12	12
	Purchase of raw material input	157,651,200	168,912,000	180,172,800	191,433,600	202,694,400	213,955,200	225,216,000	225,216,000	225,216,000
	Electricity expense	1,975,000	2,065,000	2,159,500	2,258,725	2,362,911	2,472,307	2,587,172	2,587,172	2,587,172
	Running and Manintenance expense @7.5% of procurement cost	11,823,840	12,668,400	13,512,960	14,357,520	15,202,080	16,046,640	16,891,200	16,891,200	16,891,200
	Cost of Production	171,450,040	183,645,400	195,845,260	208,049,845	220,259,391	232,474,147	244,694,372	244,694,372	244,694,372
	Add: Opening stock	-	1,790,880	3,709,680	5,756,400	7,931,040	5,628,480	3,198,000	639,600	-
	Less: Closing stock	1,790,880	3,709,680	5,756,400	7,931,040	5,628,480	3,198,000	639,600	-	-
	Sub Total	169,659,160	181,726,600	193,798,540	205,875,205	222,561,951	234,904,627	247,252,772	245,333,972	244,694,372
	Administrative salaries and wages	2,260,440	2,373,462	2,492,135	2,616,742	2,747,579	2,884,958	3,029,206	3,180,666	3,339,699
	Transportation charges	4,823,800	5,150,500	5,477,200	5,803,900	6,249,400	6,582,700	6,916,000	6,866,500	6,850,000
	Selling and packing expenses @ Rs. 1 per kg	3,659,040	3,920,400	4,181,760	4,443,120	4,799,520	5,066,160	5,332,800	5,293,200	5,280,000
	Total	10,743,280	11,444,362	12,151,095	12,863,762	13,796,499	14,533,818	15,278,006	15,340,366	15,469,699
	Cost of Sales	180,402,440	193,170,962	205,949,635	218,738,967	236,358,450	249,438,445	262,530,778	260,674,338	260,164,072
	Expected sales revenue	185,068,800	197,769,600	210,633,696	223,670,886	240,520,355	254,137,112	267,960,027	270,308,669	273,896,949
	Gross Profit	4,666,360	4,598,638	4,684,061	4,931,919	4,161,905	4,698,667	5,429,249	9,634,330	13,732,877
	Financial expense									
	Interest on Term Loan	344,060	300,635	247,188	193,742	140,296	86,850	33,404	-	-
	Interest on WC Loan	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
	total	494,060	450,635	397,188	343,742	290,296	236,850	183,404	150,000	150,000
	Operating profits (PBT)	4,172,300	4,148,003	4,286,872	4,588,177	3,871,609	4,461,817	5,245,845	9,484,330	13,582,877
	Preliminary Expense	-	-	-	-	-	-	-	-	-
	depreciation	910,000	781,500	671,475	577,234	496,481	427,257	367,893	316,960	273,243
	Net Profit before Tax	3,262,300	3,366,503	3,615,397	4,010,943	3,375,128	4,034,560	4,877,952	9,167,370	13,309,634
	Income Tax	978,690	1,009,951	1,084,619	1,203,283	1,012,538	1,210,368	1,463,386	2,750,211	3,992,890
	Profits after Tax	2,283,610	2,356,552	2,530,778	2,807,660	2,362,590	2,824,192	3,414,567	6,417,159	9,316,744
	Distribution of profits (50%)	1,826,888	1,885,242	2,024,623	2,246,128	1,890,072	2,259,354	2,731,653	5,133,727	7,453,395
	Profit transfer to balance sheet	456,722	471,310	506,156	561,532	472,518	564,838	682,913	1,283,432	1,863,349

1. assumed that 2% of the output is normal loss in production process

2. interest on working capital is assumed to be 10% p.a.

3. Electricity are semi-fixed cost. Rs. 1,75,000 pa is fixed, balance is variable at Rs. 12 per unit usage

4. Electricity usage in units is given below

Usage in units	150000	157500	165375	173643.75	182325.9375	191442.2344	201014.3461	201014.3461	201014.3461
Variable cost	1800000	1890000	1984500	2083725	2187911.25	2297306.813	2412172.153	2412172.153	2412172.153

5. Closing stock is valued at Rs. 20 per kg

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	6,600,000	5,690,000.00	4,908,500.00	4,237,025.00	3,659,791.25	3,163,310.56	2,736,053.18	2,368,160.48	2,051,200.16
	Less- Depreciation	910,000	781,500.00	671,475.00	577,233.75	496,480.69	427,257.38	367,892.70	316,960.32	273,242.65
	net Block	5,690,000	4,908,500.00	4,237,025.00	3,659,791.25	3,163,310.56	2,736,053.18	2,368,160.48	2,051,200.16	1,777,957.51
2	Closing Stock	1,790,880	3,709,680	5,756,400	7,931,040	5,628,480	3,198,000	639,600	-	-
3	Sundry debtors	15,422,400	16,480,800	17,552,808	18,639,240	20,043,363	21,178,093	22,330,002	22,525,722	22,824,746
4	Cash/ bank balance	11,483,257	10,744,899	9,789,832	8,653,556	11,507,023	14,780,900	18,224,227	20,268,499	22,106,067
	Total assets	34,386,537	35,843,879	37,336,065	38,883,628	40,342,177	41,893,046	43,561,990	44,845,422	46,708,770
B	Liabilities									
1	Capital	810,000	1,266,722	1,738,033	2,244,188	2,805,720	3,278,238	3,843,076	4,525,990	5,809,422
	Add- Profit	456,722	471,310	506,156	561,532	472,518	564,838	682,913	1,283,432	1,863,349
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	1,266,722	1,738,033	2,244,188	2,805,720	3,278,238	3,843,076	4,525,990	5,809,422	7,672,770
2	term Loan	5,344,615	4,453,846	3,563,077	2,672,308	1,781,538	890,769	-	-	-
3	Working capital	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
4	Creditors	26,275,200	28,152,000	30,028,800	31,905,600	33,782,400	35,659,200	37,536,000	37,536,000	37,536,000
	Total liabilities	34,386,537	35,843,879	37,336,065	38,883,628	40,342,177	41,893,046	43,561,990	44,845,422	46,708,770
	Current Ratio									
	Current Assets	26,905,657	27,225,699	27,342,640	27,292,797	31,550,386	35,958,993	40,554,229	42,794,221	44,930,813
	Current Liabilities	26,275,200	28,152,000	30,028,800	31,905,600	33,782,400	35,659,200	37,536,000	37,536,000	37,536,000
	Ratio	1.023994392	0.967096429	0.910547211	0.855423393	0.933929678	1.008407158	1.080408923	1.140084758	1.197005886
	Average				1.012988648					
	Debt Equity ratio									
	Debt	6,844,615	5,953,846	5,063,077	4,172,308	3,281,538	2,390,769	1,500,000	1,500,000	1,500,000
	Equity	1,266,722	1,738,033	2,244,188	2,805,720	3,278,238	3,843,076	4,525,990	5,809,422	7,672,770
	Ratio	5.403407451	3.425624123	2.256083956	1.487071926	1.001006758	0.622097749	0.331419216	0.258201263	0.19549653
	Average				1.664489886					
	Fixed asset coverage ratio									
	Fixed assets	5,690,000	4,908,500	4,237,025	3,659,791	3,163,311	2,736,053	2,368,160	2,051,200	1,777,958
	Debt	6,844,615	5,953,846	5,063,077	4,172,308	3,281,538	2,390,769	1,500,000	1,500,000	1,500,000
	ratio	0.831310407	0.824425065	0.836847843	0.877162357	0.963971808	1.144423788	1.578773654	1.367466774	1.185305009
					1.067742967					
	Debt service coverage ratio									
	Interest on loan (TL + WC)	494,060	450,635	397,188	343,742	290,296	236,850	183,404	150,000	150,000
	Instalment of loan	1,945,385	2,390,769	2,390,769	2,390,769	2,390,769	2,390,769	2,390,769	1,500,000	1,500,000
	Total	2,439,444	2,841,404	2,787,958	2,734,512	2,681,065	2,627,619	2,574,173	1,650,000	1,650,000
	Net operating income	4,666,360	4,598,638	4,684,061	4,931,919	4,161,905	4,698,667	5,429,249	9,634,330	13,732,877
	ratio	1.912878327	1.618438719	1.680104728	1.803583139	1.552332417	1.788184314	2.109123523	5.83898807	8.322955833
	Average				1.663614751					

1. assumed that 60 days of purchases are average creditors maintained

2. assumed that 30 days of sales are average debtors maintained by the business

Annexure 8 - Details of Manpower

Details of Manpower

S. No.	Designation	In no.	Salary per person per month	Annual cost
i.	Machine operators	4	18,000	864,000
ii.	Accountant	1	25,000	300,000
iii.	Labour/ helper	4	12,000	576,000
iv.	Security	2	9,400	225,600
Total				1,965,600
Add: benefits @ 15%				294,840
Total				2,260,440

Total annual wages	2,260,440
Annual increase in wages	5%
Total manpower	11

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No.	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	1,600,000	5,000,000	-	66
ii.	Pre operatives	-	-	-	-
iii.	Contingencies	-	-	-	-
	Total				66

	Rates of Depreciation	10%	15%	10%	Total depreciation for the year
Year 1		160,000.00	750,000.00	-	910,000.00
Year 2		144,000.00	637,500.00	-	781,500.00
Year 3		129,600.00	541,875.00	-	671,475.00
Year 4		116,640.00	460,593.75	-	577,233.75
Year 5		104,976.00	391,504.69	-	496,480.69
Year 6		94,478.40	332,778.98	-	427,257.38
Year 7		85,030.56	282,862.14	-	367,892.70
Year 8		76,527.50	240,432.82	-	316,960.32
Year 9		68,874.75	204,367.89	-	273,242.65

Annexure 10 - Calculation of Income tax

Calculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	4,172,300	4,148,003	4,286,872	4,588,177	3,871,609	4,461,817	5,245,845	9,484,330	13,582,877
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	4,172,300	4,148,003	4,286,872	4,588,177	3,871,609	4,461,817	5,245,845	9,484,330	13,582,877
Less- Dep on WDV	910,000	781,500	671,475	577,234	496,481	427,257	367,893	316,960	273,243
Sub total	3,262,300	3,366,503	3,615,397	4,010,943	3,375,128	4,034,560	4,877,952	9,167,370	13,309,634
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	3,262,300	3,366,503	3,615,397	4,010,943	3,375,128	4,034,560	4,877,952	9,167,370	13,309,634
Income tax @30%	978,690	1,009,951	1,084,619	1,203,283	1,012,538	1,210,368	1,463,386	2,750,211	3,992,890

Annexure 11- Break even analysis (At maximum capacity utilization)

Break even capacity at maximum capacity utilization

Sales		264,384,000
Variable cost		
- Procurement cost of inputs	225,216,000	
- Running and maintenance cost	16,891,200	
- Selling cost	5,280,000	
- Interest on Working capital	1,000,000	
- electricity expense	341,014	248,728,214
Contribution		15,655,786
Less: fixed cost		
Wages and salaries		2,260,440
Depreciation		910,000
Electricity expense		175,000
Fixed transportation		250,000
Interest on TL		344,060
Fixed cost		3,939,500

Particulars	Kinnow Rs. per kg	Apple Rs. per kg	
Sales price per kg	27	70	
Procurement cost of fruit	20	60	
Running and maintenance cost	2.025	5.25	
Interest on Working capital	0.1894	0.1894	
Transportation	1	1	
selling expenses	1	1	
Electricity charges	0.4569	0.4569	
Contribution per kg	2.328755274	2.103755274	
Contribution margin	8.63%	3.01%	
Sales mix	45.45%	54.55%	
Proportionate contribution margin	3.92%	1.64%	5.56%

BEP in rs.	70857454.27
BEP in %	26.80%

assumptions

1. Interest on working capital is computed taking 10% rate of interest p.a.

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	57.90
Rate of interest	6.00%
Moratorium period	6 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	57.90	0	0.8685
	2	57.90	0	0.8685
	3	57.90	2.226923077	0.8685
	4	55.67307692	2.226923077	0.8351
2	1	53.44615385	2.226923077	0.80169
	2	51.21923077	2.226923077	0.76829
	3	48.99230769	2.226923077	0.73488
	4	46.76538462	2.226923077	0.70148
3	1	44.53846154	2.226923077	0.66808
	2	42.31153846	2.226923077	0.63467
	3	40.08461538	2.226923077	0.60127
	4	37.85769231	2.226923077	0.56787
4	1	35.63076923	2.226923077	0.53446
	2	33.40384615	2.226923077	0.50106
	3	31.17692308	2.226923077	0.46765
	4	28.95	2.226923077	0.43425
5	1	26.72307692	2.226923077	0.40085
	2	24.49615385	2.226923077	0.36744
	3	22.26923077	2.226923077	0.33404
	4	20.04230769	2.226923077	0.30063
6	1	17.81538462	2.226923077	0.26723
	2	15.58846154	2.226923077	0.23383
	3	13.36153846	2.226923077	0.20042
	4	11.13461538	2.226923077	0.16702
7	1	8.907692308	2.226923077	0.13362
	2	6.680769231	2.226923077	0.10021
	3	4.453846154	2.226923077	0.06681
	4	2.226923077	2.22692307692305	0.0334

Annexure 14 - Cash flow statement

Particulars	0	I	II	III	IV	V	VI	VII	VIII	IX
opening balance	1,500,000	1,500,000	11,483,257	10,744,899	9,789,832	8,653,556	11,507,023	14,780,900	18,224,227	20,268,499
Add: Capital	810,000	-	-	-	-	-	-	-	-	-
Add: Loan disbursement	5,790,000	-	-	-	-	-	-	-	-	-
Less: Purchase of asset	6,600,000	-	-	-	-	-	-	-	-	-
Add: Sales realizations	-	169,646,400	181,288,800	193,080,888	205,031,645	220,476,992	232,959,020	245,630,025	247,782,946	251,072,203
Less: Payment made to creditors of previos year	-	-	26,275,200	28,152,000	30,028,800	31,905,600	33,782,400	35,659,200	37,536,000	37,536,000
Add: Receipts from debtors of previos year	-	-	15,422,400	16,480,800	17,552,808	18,639,240	20,043,363	21,178,093	22,330,002	22,525,722
Less: Payments made for current year purchase	-	155,918,120	166,937,762	177,967,555	189,008,007	200,273,490	211,348,765	222,436,378	222,498,738	222,628,072
Less: Interest payments	-	494,060	450,635	397,188	343,742	290,296	236,850	183,404	150,000	150,000
	-	14,734,220	14,530,861	13,789,843	12,993,736	15,300,402	19,141,391	23,310,035	28,152,437	33,552,353
Less: Income tax	-	978,690	1,009,951	1,084,619	1,203,283	1,012,538	1,210,368	1,463,386	2,750,211	3,992,890
	-	13,755,530	13,520,910	12,705,224	11,790,453	14,287,864	17,931,023	21,846,650	25,402,226	29,559,463
Less: Distrubutions made from profits	-	1,826,888	1,885,242	2,024,623	2,246,128	1,890,072	2,259,354	2,731,653	5,133,727	7,453,395
	-	11,928,642	11,635,668	10,680,601	9,544,325	12,397,792	15,671,669	19,114,996	20,268,499	22,106,067
Less: Principal repayment of loan	-	445,385	890,769	890,769	890,769	890,769	890,769	890,769	-	-
Closing cash balance	1,500,000	11,483,257	10,744,899	9,789,832	8,653,556	11,507,023	14,780,900	18,224,227	20,268,499	22,106,067

Sales Budget

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Production capacity utilization	70%	75%	80%	85%	90%	95%	100%	100%	100%
Production qty Kinnow	1680000	1800000	1920000	2040000	2160000	2280000	2400000	2400000	2400000
Sales qty Kinnow	1663200	1782000	1900800	2019600	2181600	2302800	2424000	2406000	2400000
Sales Kinnow	45360000	48081600	50966496	54024486	57265955	60701912	64344027	68204669	72296949
Production qty Apple	2016000	2160000	2304000	2448000	2592000	2736000	2880000	2880000	2880000
Sales qty Apple	1995840	2138400	2280960	2423520	2617920	2763360	2908800	2887200	2880000
Sales Apple	139708800	149688000	159667200	169646400	183254400	193435200	203616000	202104000	201600000
Total sales	185068800	197769600	210633696	223670886	240520355	254137112	267960027	270308669	273896949

Production budget

Production capacity for Kinnow and apple each	2000 kg per hr
Production hours in a year Kinnow	1200 hours
Production qty in a year Kinnow	2,400,000 kgs
Production hours in a year Apple	1,440 hours
Production qty in a year Apple	2,880,000 kgs

Products	Production at 100% capacity for Kinnow and Apple	sales prices for Kinnow per kg in year I	purchase prices for kinnow per kg in year I	sales prices for Apple per kg in year I	purchase prices for apple per kg in year I
Output	5,280,000	27.0	20.0	70	60

Output stock calculation Kinnow

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Opening Stock	-	16,800	34,800	54,000	74,400	52,800	30,000	6,000	-
Add: Production	1,680,000	1,800,000	1,920,000	2,040,000	2,160,000	2,280,000	2,400,000	2,400,000	2,400,000
Output available for sale	1,680,000	1,816,800	1,954,800	2,094,000	2,234,400	2,332,800	2,430,000	2,406,000	2,400,000
Less: Sales	1,663,200	1,782,000	1,900,800	2,019,600	2,181,600	2,302,800	2,424,000	2,406,000	2,400,000
Closing Stock	16,800	34,800	54,000	74,400	52,800	30,000	6,000	-	-
Value of Closing Stock	420,000	870,000	1,350,000	1,860,000	1,320,000	750,000	150,000	-	-

Output stock calculation Apple

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Opening Stock	-	20,160	41,760	64,800	89,280	63,360	36,000	7,200	-
Add: Production	2,016,000	2,160,000	2,304,000	2,448,000	2,592,000	2,736,000	2,880,000	2,880,000	2,880,000
Output available for sale	2,016,000	2,180,160	2,345,760	2,512,800	2,681,280	2,799,360	2,916,000	2,887,200	2,880,000
Less: Sales	1,995,840	2,138,400	2,280,960	2,423,520	2,617,920	2,763,360	2,908,800	2,887,200	2,880,000
Closing Stock	20,160	41,760	64,800	89,280	63,360	36,000	7,200	-	-
Value of Closing Stock	1,370,880	2,839,680	4,406,400	6,071,040	4,308,480	2,448,000	489,600	-	-

Assumptions:

1. Sales price per kg of output is 20, expected to increase 6% per annum
2. assumed that 99% of production is sold for first 5 years, thereafter demand is almost 101% of output but we are able to serve market according to the availability of output

S. no. Assumptions

- 1 Assumed that 2% of the output is normal loss in production process
- 2 Interest on working capital is assumed to be 10% p.a.
- 3 Electricity are semi-fixed cost. Rs. 1,75,000 pa is fixed, balance is variable at Rs. 12 per unit usage
- 4 Electricity usage in units is given below

Usage in units	150000	157,500	165,375	173,644	182,326	191,442	201,014	201,014	201,014
Variable cost	1,800,000	1,890,000	1,984,500	2,083,725	2,187,911	2,297,307	2,412,172	2,412,172	2,412,172

- 5 Closing stock is valued at Rs. 25 per kg for Kinnow and Rs. 68 per kg for Apple
- 6 Assumed that 60 days of purchases are average creditors maintained
- 7 Assumed that 30 days of sales are average debtors maintained by the business

Cold Storage

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DPR without subsidy

Annexure 1 - Estimated cost of the project

Estimated cost of project		
Sr. No.	Particulars	Grand Total (in lakhs)
1	Land and site development	
(a)	Land (Lease in name of company)	-
	Total	-
2	Site Development	22.00
(a)	Total	22.00
3	Civil Work	
(a)	Civil Work	
	Total	-
4	Plant and Machinery (indegenuous)	
(a)	Plant and Machinery	84.70
	Total	84.70
5	Miscellanoeous Fixed Assets	
(a)	Cost	-
6	Working Capital Margin	8.30
7	Preliminary Expenses	
(a)	Security Deposit	-
	Total	
8	Pre-Operative Expense (for 6 months upto the date od commencement of commercial production)	
(a)	Establisment and Travelling and Other Expenses	-
(b)	Legal and Misc Expense	-
	Total	-
9	E mandi expense	-
	Total Cost of Project	115.00

Annexure 2 - Means of Finance

Sr. No.	Item	Grand Total (in lakhs)
1	Promoter's equity	11.50
2	Eligible Assistance	-
3	Term Loan	95.20
4	CC Limit	8.30
	Total	115.00

Annexure 3 - Complete Estimate of Civil and Plant and Machinery

1. Civil Work	Units	Amt
1 Building, steel and wooden work	1	2,000,000
2 PUF Panel and insulated doors		200,000
Total Civil Work		2,200,000
2. Plant and machinery	Units	Amt
1 Cold store chamber		8,000,000
2 Generator accessories and plastic crates	1	350,000
3 Electrification and stabiloizers	1	50,000
4 Misc.	1	50,000
5 Dock leveler	1	20,000
Total Plant and Machinery		8,470,000
Total fixed Assets		10,670,000

Annexure 4 - Estimated Cost of Production

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
	No of Working months	12	12	12	12	12	12	12	12	12
	Electricity expense	3,830,000	3,984,000	4,145,700	4,315,485	4,493,759	4,680,947	4,877,495	4,877,495	4,877,495
	Insurance cost @ 7% of purchase cost	592,900	622,545	653,672	686,356	720,674	756,707	794,543	834,270	875,983
	Running and Maintenance expense @15% of sales	3,000,000	3,060,000	3,121,200	3,183,624	3,247,296	3,312,242	3,378,487	3,446,057	3,514,978
	Cost of Production	7,422,900	7,666,545	7,920,572	8,185,465	8,461,729	8,749,897	9,050,525	9,157,821	9,268,456
	Sub Total	7,422,900	7,666,545	7,920,572	8,185,465	8,461,729	8,749,897	9,050,525	9,157,821	9,268,456
	Administrative salaries and wages	3,751,200	4,013,784	4,294,749	4,595,381	4,917,058	5,261,252	5,629,540	6,023,607	6,445,260
	Total	3,751,200	4,013,784	4,294,749	4,595,381	4,917,058	5,261,252	5,629,540	6,023,607	6,445,260
	Cost of Sales	11,174,100	11,680,329	12,215,321	12,780,846	13,378,787	14,011,149	14,680,064	15,181,429	15,713,716
	Expected sales revenue	20,000,000	20,400,000	20,808,000	21,224,160	21,648,643	22,081,616	22,523,248	22,973,713	23,433,188
	Gross Profit	8,825,900	8,719,671	8,592,679	8,443,314	8,269,856	8,070,467	7,843,184	7,792,284	7,719,472
	Financial expense									
	Interest on Term Loan	565,708	494,308	406,431	318,554	230,677	142,800	54,923	-	-
	Interest on WC Loan	83,000	83,000	83,000	83,000	83,000	83,000	83,000	83,000	83,000
	total	648,708	577,308	489,431	401,554	313,677	225,800	137,923	83,000	83,000
	Operating profits (PBT)	8,177,192	8,142,363	8,103,248	8,041,760	7,956,179	7,844,667	7,705,261	7,709,284	7,636,472
	Preliminary Expense	-	-	-	-	-	-	-	-	-
	depreciation	1,490,500	1,277,925	1,096,136	940,626	807,551	693,635	596,085	512,519	440,902
	Net Profit before Tax	6,686,692	6,864,438	7,007,112	7,101,134	7,148,628	7,151,032	7,109,176	7,196,766	7,195,570
	Income Tax	2,006,008	2,059,331	2,102,134	2,130,340	2,144,588	2,145,309	2,132,753	2,159,030	2,158,671
	Profits after Tax	4,680,685	4,805,107	4,904,978	4,970,794	5,004,040	5,005,722	4,976,423	5,037,736	5,036,899
	Distribution of profits (50%)	2,340,342	2,402,553	2,452,489	2,485,397	2,502,020	2,502,861	2,488,211	2,518,868	2,518,449
	Profit transfer to balance sheet	2,340,342	2,402,553	2,452,489	2,485,397	2,502,020	2,502,861	2,488,211	2,518,868	2,518,449

3. Electricity are semi-fixed cost. Rs. 700,000 pa is fixed, balance is variable at Rs. 14 per unit usage

4. Electricity usage in units is given below

Usage in units	220000	231000	242550	254677.5	267411.375	280781.9438	294821.0409	294821.0409	294821.0409
Variable cost	3080000	3234000	3395700	3565485	3743759.25	3930947.213	4127494.573	4127494.573	4127494.573

It is assumed that insurance cost is 7% of purchase price and this will increase 5% annually

Annexure 5- Projected balance sheet

Projected Baalance sheet

Sr. No	Description	Year ending March 31st								
		I	II	III	IV	V	VI	VII	VIII	IX
A	Asset									
1	Fixed Capital expenditure									
	Gross Block	10,670,000	9,179,500.00	7,901,575.00	6,805,438.75	5,864,812.94	5,057,262.00	4,363,626.60	3,767,541.12	3,255,022.61
	Less- Depreciation	1,490,500	1,277,925.00	1,096,136.25	940,625.81	807,550.94	693,635.40	596,085.48	512,518.51	440,902.00
	net Block	9,179,500	7,901,575.00	6,805,438.75	5,864,812.94	5,057,262.00	4,363,626.60	3,767,541.12	3,255,022.61	2,814,120.61
3	Sundry debtors	1,818,182	1,854,545	1,891,636	1,929,469	1,968,058	2,007,420	2,047,568	2,088,519	2,130,290
4	Cash/ bank balance	3,337,844	5,575,995	7,685,126	9,674,711	11,551,140	13,318,049	14,976,588	18,050,957	21,057,734
	Total assets	14,335,526	15,332,115	16,382,201	17,468,993	18,576,460	19,689,095	20,791,697	23,394,499	26,002,144
B	Liabilities									
1	Capital	1,150,000	3,490,342	5,892,896	8,345,385	10,830,782	13,332,802	15,835,663	18,323,874	20,842,742
	Add- Profit	2,340,342	2,402,553	2,452,489	2,485,397	2,502,020	2,502,861	2,488,211	2,518,868	2,518,449
	Less- Drawings	-	-	-	-	-	-	-	-	-
	Closing capital	3,490,342	5,892,896	8,345,385	10,830,782	13,332,802	15,835,663	18,323,874	20,842,742	23,361,192
2	term Loan	8,787,692	7,323,077	5,858,462	4,393,846	2,929,231	1,464,615	-	-	-
3	Working capital	830,000	830,000	830,000	830,000	830,000	830,000	830,000	830,000	830,000
4	Creditors	1,227,491	1,286,143	1,348,354	1,414,365	1,484,428	1,558,817	1,637,823	1,721,757	1,810,952
	Total liabilities	14,335,526	15,332,115	16,382,201	17,468,993	18,576,460	19,689,095	20,791,697	23,394,499	26,002,144
	Current Ratio									
	Current Assets	5,156,026	7,430,540	9,576,762	11,604,180	13,519,198	15,325,469	17,024,156	20,139,477	23,188,023
	Current Liabilities	1,227,491	1,286,143	1,348,354	1,414,365	1,484,428	1,558,817	1,637,823	1,721,757	1,810,952
	Ratio	4.200459235	5.777384638	7.102555832	8.204517873	9.10734484	9.831472797	10.39438038	11.69704826	12.80432523
	Average				8.791054342					
	Debt Equity ratio									
	Debt	9,617,692	8,153,077	6,688,462	5,223,846	3,759,231	2,294,615	830,000	830,000	830,000
	Equity	3,490,342	5,892,896	8,345,385	10,830,782	13,332,802	15,835,663	18,323,874	20,842,742	23,361,192
	Ratio	2.755515494	1.383543391	0.801456332	0.48231478	0.281953552	0.144901759	0.045296098	0.039822015	0.03552901
	Average				0.66337027					
	Fixed asset coverage ratio									
	Fixed assets	9,179,500	7,901,575	6,805,439	5,864,813	5,057,262	4,363,627	3,767,541	3,255,023	2,814,121
	Debt	9,617,692	8,153,077	6,688,462	5,223,846	3,759,231	2,294,615	830,000	830,000	830,000
	ratio	0.954438935	0.969152514	1.017489405	1.122700165	1.345291712	-	-	-	-
	Average				0.601008081					
	Debt service coverage ratio									
	Interest on loan (TL + WC)	648,708	577,308	489,431	401,554	313,677	225,800	137,923	83,000	83,000
	Instalment of loan	1,562,308	2,294,615	2,294,615	2,294,615	2,294,615	2,294,615	2,294,615	830,000	830,000
	Total	2,211,015	2,871,923	2,784,046	2,696,169	2,608,292	2,520,415	2,432,538	913,000	913,000
	Net operating income	8,825,900	8,719,671	8,592,679	8,443,314	8,269,856	8,070,467	7,843,184	7,792,284	7,719,472
	ratio	3.991785883	3.036178465	3.086399576	3.131596392	3.170601622	3.202038482	0	0	0
	Average				3.283312388					

1. assumed that 60 days of purchases are average creditors maintained
2. assumed that 30 days of sales are average debtors maintained by the business

Annexure 8 - Details of Manpower

Details of Manpower

S. No.	Designation	In no.	Salary per person per month	Annual cost
i.	Machine operators	4	20,000	960,000
ii.	Accountant	1	29,000	348,000
iii.	Labour/ helper	10	12,000	1,440,000
iv.	Security	3	10,500	378,000
Total				3,126,000
Add: benefits @ 20%				625,200
Total				3,751,200

Total annual wages	3,751,200
Annual increase in wages	5%
Total manpower	18

Annexure 9 - Computation of Depreciation

Computation of Depreciation

Sr. No.	Particulars	Building and civil work	Plant and Machinery	Misc Fixed Asset	Amount in lakhs
i.	Cost	2,200,000	8,470,000	-	106.70
ii.	Pre operatives	-	-	-	0.00
iii.	Contingencies	-	-	-	0.00
	Total				106.70

	Rates of Depreciation	10%	15%	10%	Total depreciation for the year
Year 1		220,000.00	1,270,500.00	-	1,490,500.00
Year 2		198,000.00	1,079,925.00	-	1,277,925.00
Year 3		178,200.00	917,936.25	-	1,096,136.25
Year 4		160,380.00	780,245.81	-	940,625.81
Year 5		144,342.00	663,208.94	-	807,550.94
Year 6		129,907.80	563,727.60	-	693,635.40
Year 7		116,917.02	479,168.46	-	596,085.48
Year 8		105,225.32	407,293.19	-	512,518.51
Year 9		94,702.79	346,199.21	-	440,902.00

Annexure 10 - Calculation of Income taxCalculation of Income Tax

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Net profit before tax	8,177,192	8,142,363	8,103,248	8,041,760	7,956,179	7,844,667	7,705,261	7,709,284	7,636,472
Add- dep on SLM	-	-	-	-	-	-	-	-	-
Sub total	8,177,192	8,142,363	8,103,248	8,041,760	7,956,179	7,844,667	7,705,261	7,709,284	7,636,472
Less- Dep on WDV	1,490,500	1,277,925	1,096,136	940,626	807,551	693,635	596,085	512,519	440,902
Sub total	6,686,692	6,864,438	7,007,112	7,101,134	7,148,628	7,151,032	7,109,176	7,196,766	7,195,570
Less - Deductions	-	-	-	-	-	-	-	-	-
Taxable profits	6,686,692	6,864,438	7,007,112	7,101,134	7,148,628	7,151,032	7,109,176	7,196,766	7,195,570
Income tax @30%	2,006,008	2,059,331	2,102,134	2,130,340	2,144,588	2,145,309	2,132,753	2,159,030	2,158,671

Annexure 11- Break even analysis (At maximum capacity utilization)

Break even capacity at maximum capacity utilization

Sales		28,571,429
Variable cost		
- Running and maintenance cost	4,285,714	
- Interest on Working capital	83,000	
- electricity expense	4,127,495	8,496,209
Contribution		20,075,220
Less: Fixed costs		
Wages and salaries		3,751,200
Depreciation		1,490,500
Electricity fixed charge		750,000
Insurance		592,900
Interest on TL		565,708
Fixed cost		7,150,308

Particulars	Rs. per kg (per month)
Sales price per kg	3
Electricity expense	0.366666667
Running and maintence	0.45
Interest on WC	0.009880952
Contribution per kg	2.173452381
BEP in kgs	321,400.00
Total BEP %	32.14%

Break-even point is the condition when an entity generate sufficient revenue that it can meet its fixed expense after deducting any variable expense, i.e., the point where contribution is equal to the fixed expense.

For the first year of operation the break-even capacity comes at 32.14% capacity, it is because of the fact that in the Initial year the fixed expense of consultancy for project is taken in to consideration for calculation of BEP. considering our operational capacity in year 1 to be 75% which is more than the BEP, hence we can conclude that the project is sound enough to cover its fixed expense.

Annexure 13 - Repayment schedule

Repayment schedule

Amount of Loan (in lakhs)	95.20
Rate of interest	6.00%
Moratorium period	6 months

Year	Quarter	Balance outstanding	Principal instalment	Interest
1	1	95.20	0	1.428
	2	95.20	0	1.428
	3	95.20	3.661538462	1.428
	4	91.53846154	3.661538462	1.37308
2	1	87.87692308	3.661538462	1.31815
	2	84.21538462	3.661538462	1.26323
	3	80.55384615	3.661538462	1.20831
	4	76.89230769	3.661538462	1.15338
3	1	73.23076923	3.661538462	1.09846
	2	69.56923077	3.661538462	1.04354
	3	65.90769231	3.661538462	0.98862
	4	62.24615385	3.661538462	0.93369
4	1	58.58461538	3.661538462	0.87877
	2	54.92307692	3.661538462	0.82385
	3	51.26153846	3.661538462	0.76892
	4	47.6	3.661538462	0.714
5	1	43.93846154	3.661538462	0.65908
	2	40.27692308	3.661538462	0.60415
	3	36.61538462	3.661538462	0.54923
	4	32.95384615	3.661538462	0.49431
6	1	29.29230769	3.661538462	0.43938
	2	25.63076923	3.661538462	0.38446
	3	21.96923077	3.661538462	0.32954
	4	18.30769231	3.661538462	0.27462
7	1	14.64615385	3.661538462	0.21969
	2	10.98461538	3.661538462	0.16477
	3	7.323076923	3.661538462	0.10985
	4	3.661538462	3.66	0.05492

Ann 14 - Cash flow statement

Particulars	0	I	II	III	IV	V	VI	VII	VIII	IX
opening balance	830,000	830,000	3,337,844	5,575,995	7,685,126	9,674,711	11,551,140	13,318,049	14,976,588	18,050,957
Add: Capital	1,150,000	-	-	-	-	-	-	-	-	-
Add: Loan disbursement	9,520,000	-	-	-	-	-	-	-	-	-
Less: Purchase of asset	10,670,000	-	-	-	-	-	-	-	-	-
Add: Sales realizations	-	18,181,818	18,545,455	18,916,364	19,294,691	19,680,585	20,074,196	20,475,680	20,885,194	21,302,898
Less: Payment made to creditors of previous year	-	-	1,227,491	1,286,143	1,348,354	1,414,365	1,484,428	1,558,817	1,637,823	1,721,757
Add: Receipts from debtors of previous year	-	-	1,818,182	1,854,545	1,891,636	1,929,469	1,968,058	2,007,420	2,047,568	2,088,519
Less: Payments made for current year purchase	-	9,946,609	10,394,186	10,866,967	11,366,482	11,894,359	12,452,332	13,042,241	13,459,672	13,902,764
Less: Pre incorporation expense	-	-	-	-	-	-	-	-	-	-
Less: Interest payments	-	648,708	577,308	489,431	401,554	313,677	225,800	137,923	83,000	83,000
	-	8,416,501	11,502,495	13,704,364	15,755,063	17,662,364	19,430,835	21,062,168	22,728,855	25,734,854
Less: Income tax	-	2,006,008	2,059,331	2,102,134	2,130,340	2,144,588	2,145,309	2,132,753	2,159,030	2,158,671
	-	6,410,494	9,443,164	11,602,230	13,624,723	15,517,775	17,285,525	18,929,415	20,569,825	23,576,183
Less: Distributions made from profits	-	2,340,342	2,402,553	2,452,489	2,485,397	2,502,020	2,502,861	2,488,211	2,518,868	2,518,449
	-	4,070,151	7,040,610	9,149,741	11,139,326	13,015,755	14,782,664	16,441,203	18,050,957	21,057,734
Less: Principal repayment of loan	-	732,308	1,464,615	1,464,615	1,464,615	1,464,615	1,464,615	1,464,615	-	-
Closing cash balance	830,000	3,337,844	5,575,995	7,685,126	9,674,711	11,551,140	13,318,049	14,976,588	18,050,957	21,057,734

Sales Budget

Particulars	Year ending March 31st								
	I	II	III	IV	V	VI	VII	VIII	IX
Estimated occupational capacity	70%	75%	80%	85%	90%	95%	100%	100%	100%
Sales qty	700,000	750,000	800,000	850,000	900,000	950,000	1,000,000	1,000,000	1,000,000
Sales	20,000,000.00	20,400,000.00	20,808,000.00	21,224,160.00	21,648,643.20	22,081,616.06	22,523,248.39	22,973,713.35	23,433,187.62

Production budget

Per annum capacity in kgs 1,000,000

Operational days/ months 200 days

Products	Production at 100% capacity	sales prices per kg per day
Output	1,000,000	0.1

S. no. Assumptions

- 1 Electricity are semi-fixed cost. Rs. 750,000 pa is fixed, balance is variable at Rs. 14 per unit usage
- 2 Electricity usage in units is given below

Usage in units	220000	231000	242550	254677.5	267411.375	280781.9438	294821.0409	294821.0409	294821.0409
Variable cost	3080000	3234000	3395700	3565485	3743759.25	3930947.213	4127494.573	4127494.573	4127494.573

- 3 Assumed that 30 days of purchases are average creditors maintained
- 4 Assumed that 60 days of sales are average debtors maintained by the business
- 5 It is assumed that insurance cost is 7% of purchase price and this will increase 5% annually



(Wholly – owned subsidiary of NABARD)

- i. More than 100 Full-time Consultants**
- ii. Backed by 400 domain specialists**
- iii. Executed over 1700 assignments across India and in African and Asian Continents**
- iv. Core Competencies**
 - a. Preparation/Appraisals of DPRs**
 - b. Techno-feasibility study**
 - c. Baseline Surveys**
 - d. Project Management Consultancy**
 - e. Climate Issues and Green Funds**
 - f. Monitoring and Evaluation**
 - g. Impact Assessment Studies**
 - h. Third Party Monitoring of Infrastructural Projects**
 - i. Skills for Livelihood**
 - j. Capacity Building**
 - k. Accreditation of Rural Godowns**
 - l. Climate Change Issues**
 - m. CSR Facilitation**
 - n. IT in Rural Banks**

Pro - Services Rendered by NABCONS

No.	Name of Services	Description
1	Project Management Consultancy (PMC)	Entails provision of end-to-end solution, including assistance in statutory approvals, bid process management, issuing and evaluating tender documents and supervision over infrastructure projects like Mega Food Park, Rural Godowns, Cold Storage, etc. funded by Govt. or private entities.
2	Preparation of Detailed Project Report / Conduct / Techno-economic Feasibility	For various activities under agriculture, horticulture, forestry, fisheries, irrigation, animal husbandry, food processing activities, agri-infrastructure, climate issues, etc.
3	Third Party Monitoring (TPM) of Infrastructure Projects	TPM of various Govt.-funded infra projects to assess the level of compliance followed in execution. This also covers socio-economic impact evaluation.
4	Monitoring and Evaluation (M&E)	M & E is undertaken for various developmental schemes of Govt. of India and State Govts in the areas of agriculture, animal husbandry and all other socio-development sectors.
5	Training and Capacity Building	Training is imparted on forward markets, agriculture market infrastructure, rural godown, agri-financing, treasury and investment management for banks, etc.
6	Studies / Baseline Surveys	Baseline surveys are taken up for measuring impact of community investment made by public and private sector Companies. Studies are conduct on women, children, disadvantaged groups / regions, etc.
7	Livelihood Mapping	Livelihood mapping and analysis is done for identification of potential activities to be taken up by SHGs
8	International Visitors' Programme / International Exposure Visits	Entails organizing study tours / exposure for the visiting foreign delegates to their areas of interest such as watershed, micro-finance, fin-inclusion, cooperatives, projects appraisal, agro-processing, post-harvest technologies, farmers' clubs, etc.
9	Consultancy on Banking and Finance	Designing and execution of priority sector strategies, advisory services on Treasury and Investment Management for Banks, preparation of IT Policy, etc.
10	Transaction advisory	Transaction Advisory for setting up of Agri-mall, Silos & Cold Storages
11	Skills for Livelihood	Skilling of rural BPL youth and placement in the formal sector, monitoring skill initiatives of MORD, Govt. of India, facilitating access to credit for trainees, etc.
12	Accreditation of Godowns	Engaged by WDRA as Accreditation Agency for accrediting rural godowns.