

5.2.2 Depreciation Estimates

Sr.	Component		Y1	Y2	Y3	Y4	Y5	Y6	Y7
A.	Land	Opening							
	Rate of Depreciation Per Annum	0%							
		Closing							
B.	Building & Civil Work	Opening	9434000	9134942	8815884	8536827	8237769	7938711	7639653
	Rate of Depreciation Per Annum	3.17%	299058	299058	299058	299058	299058	299058	299058
		Closing	9134942	8815884	8536827	8237769	7938711	7639653	7340595
C.	Machineries & Equipment's	Opening	19782320	18530099	17277878	16025657	14773437	13521216	12268995
	Rate of Depreciation Per Annum	6.33%	1252221	1252221	1252221	1252221	1252221	1252221	1252221
		Closing	18530099	17277878	16025657	14773437	13521216	12268995	11016774
D.	Furniture & Fixtures	Opening	500000	450000	400000	350000	300000	250000	200000
	Rate of Depreciation Per Annum	10.00%	50000	50000	50000	50000	50000	50000	50000
		Closing	450000	400000	350000	300000	250000	200000	1500000
E.	Motor Vehicle	Opening	1697410	1495758	1294105	1092453	890801	689148	487496
	Rate of Depreciation Per Annum	10.00%	201652	201652	201652	201652	201652	201652	201652
		Closing	1495758	1294105	1092453	890801	689148	487496	285844
		Opening Balance	31413730	29610799	27807868	26004937	24202006	22399075	20596144
		Total Depreciation	1802931	1802931	1802931	1802931	1802931	1802931	1802931
		Balance Asset	29610799	27807868	26004937	24202006	22399075	20596144	18793213

For ease of calculation it is suggested to use SLM (Straight Line Method)

5.2.3 Amortization

	Opening Amount	Rate of Amortization Per Annum	Amortization Amount	Closing Amount (Opening Amount – Amortization Amount)
Year 1	1051270	20%	210254	841016
Year 2	841016	20%	210254	630762
Year 3	630762	20%	210254	420508
Year 4	420508	20%	210254	210254
Year 5	210254	20%	210254	0
Total				

**For ease of calculation it is suggested to use SLM (Straight Line Method)*

5.2.4 Bank Loan Projection

Loan Amount : Rs. 6282746/-.

Rate of Interest Per Annum : 12%.

Loan Tenure (in Years) : 7 years.

Moratorium Period (in Years) : 6 months.

Year	Principal Outstanding	Principal	Interest
0	6282746	0	0
1	5887246	329500	745788
2	5231187	721059	675586
3	4419679	812508	584138
4	3504125	915554	481091
5	2472456	1031699	364976
6	1309946	1162510	234135
7	0	1309946	86699

5.2.5 Revenue and Expenses Assumption

Sr. No.	Proposed Facility/ Activity Name	Capacity	Income @ 100% Capacity	Variable Cost @ 100 % Capacity	Fixed Cost @ 100 % Capacity
Note: kindly refer indicative example presented on next page. Kindly use one row for one business activity.					
1	PACK HOUSE		Rs. 37125000 Rs. 35100000	Rs. 60143624	Rs. 948115
2	MANGO PROCESSING UNIT		Rs. 601425	Rs.308650	RS. NIL
3	TOOL BANK		RS. NIL	RS. NIL	RS. NIL
4	MANGO COLLECTION CENTER		Rs. 5100000	Rs. 5000000	RS. NIL

Example (indicative) :

Sr. No.	Proposed Facility/ Activity Name	Capacit y	Income	Variable Cost	Fixed Cost
1	INTEGRATED PACK HOUSE		NET RIPENED MANGOES FOR SALE (225 TONS @ RS. 165000/TON = RS.37125000), NON RIPPED MANGOES (270 TONS @ RS. 130000/TON = RS.35100000) Total Income = Rs. 722225000	RIPENED MANGOES (270 TONS @ RS. 105000/TON = RS. 28350000) NONRIPENED MANGOES (270 TONS@ RS. 105000/TON = RS. 28350000),PACKING. (RIPENED MANGOES RS. 855360 + NON RIPENED MANGOES RS. 891000 = RS. 1746360, FREIGHT RS. 35000, ELECTRICITY & WATER RS. 250000, REPAIRS & MAINTENANCE EXP RS. 525000, TRAVELLINGE EXP RS. 50000, SELLING & DISTRIBUTION EXP RS. 779264, WAGES RS. 886000 (AFTER DEDUCTIN CLOSING STOCK RS.828000) Total Expenses = Rs 60143624	FOOD & DRUG LICENCE FEE RS.2500, GRAM PANCHAYAT TAXES RS. 5000, PRINTING & STATIONERY RS. 2000, FIRE INSURANCE RS. 3500, LEASE RENT RS. 319615, PROFESSION TAX RS. 2500, PROFESSIONAL FEES RS. 60000, POSTAGE AND TELEPHONE EXP RS. 3000, DIRECTORS REMMUNERATION RS. 500000,TAX AUDIT FEE R.50000 Total Expenses = Rs. 948115
2	MANGO PROCESSING UNIT		DRIED MANGO SLICES (1.33650 TON @ RS.450000/TON = RS.601425) Total Income = Rs. 601425	FUEL & CHEMICALS RS. 120000, SUGAR & CHEMICALS RS. 50000, PRESERVATIVES RS. 5000,PACKING EXPENSES RS.133650 Total Expenses = Rs. 308650	Total Expenses = Rs Nil
3	RAW MANGO COLLECTION CENTER		SALES OF RAW MANGOES FOR PULP RS. 5100000 Total Income = Rs. 5100000	PURCHASES OF RAW MANGOES FOR PULP RS. 5000000 Total Expenses = Rs. 5000000	Total Expenses = Rs. Nil

5.2.6 Projected Profit & Loss Statement

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Capacity Utilization							
Income							
INTEGRATED PACK HOUSE	72225000	79923180	86204650	92722860	99474260	106462500	113685780
MANGO PROCESSING UNIT	601425	638513	676269	714693	753786	793547	833976
RAW MANGO COLLECTION CENTER	5100000	5355000	5610000	5865000	6120000	6375000	6630000
OTHER INCOME (INTEREST ON BANK FD)	0	450000	775000	1100000	1425000	1725000	2000000
Fixed Cost							
Facility 1	948115	1037377	1139834	1235808	1345648	1449743	1568517
Facility 2	0	0	0	0	0	0	0
Facility 3	0	0	0	0	0	0	0
Variable Cost							
Facility 1	60143624	66980495	73390304	79791221	86848939	93780400	101293346
Facility 2	308650	326833	352366	370882	397418	416269	443807
Facility 3	5000000	5250000	5500000	5750000	6000000	6250000	6500000
Earnings Before Interest, Depreciation and Tax (EBIDT)							
Amortisation	210254	210254	210254	210254	210254	210254	0
Depreciation	1802931	1802931	1802931	1802931	1802931	1802931	1802931
Interest	745788	675586	584138	481091	364976	234135	86699
Profit Before Tax (PBT)	9512851	10758803	10870229	11241457	11167857	11656704	11541155
Income Tax	1652205	2145890	2328691	2563710	2670761	2914420	2993716
Profit After Tax (PAT)	7114858	7937327	7957401	8196656	8132119	8508149	8460740
Cumulative Profits	7114858	15052185	23009586	31206242	39338361	47846511	56307250

5.2.7 Cash Flow Statement Projection

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Cash Inflow (Rs.)								
1	Revenue	77926425	83366693	93265919	100402553	107773046	115356047	123149756
2	Working Capital loan							
3	Equity/ Share capital	9538254						
4	Smart Subsidy	19479000						
5	Term Loan	6282746						
6								
	Sub Total (A)	113226425	86366693	93265919	100402553	107773046	115356047	123149756
Cash Outflow (Rs.)								
1	Capital Expenditure							
a	BUILDING	9434000						
b	MACHINERY & EQUIPMENTS	19782320						
c	FURNITURE & FIXTURES	500000						
d	MOTOR VEHICLE	1697410						
2	PRELIMINARY EXPENSES	1051270						
2	Operational Expenditure							
a	Fixed Cost (Excl. Of Interest)	948115	1037377	1139834	1235808	1345648	1449743	1568517
b	Variable Cost	65452274	72557328	79242670	85912103	93246356	100446668	108237153
3	Loan Repayment							
a	LTL - interest	745788	675586	584138	481091	364976	234135	86699
b	LTL - Instalment	329500	721059	812508	915554	1031669	1162511	1309946
4	Tax	1652205	2145890	2328691	2563710	2670761	2914420	2993716
5	Investment in Bank Fixed Deposits	9000000	6500000	6500000	6500000	6000000	5500000	5500000
6	Payment of Dividend	2134457	2381198	2387220	2458997	2439636	2552445	2538222
	Sub Total (B)	112727339	86018438	92995061	100067263	107099046	114259922	112234253

Sr.	Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
	Net Cash Flow (A-B)	499086	348255	270858	335290	674000	1096125	915503
	Opening Cash and Bank	0	499086	847341	1118199	1453489	2127488	3223613
	Cumulative Cash Balance	499086	847341	1118199	1453489	2127488	3223613	4139116

5.2.8 Balance Sheet Statement Projection

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
ASSETS							
Current Assets							
Cash and Bank Balance	499086	847341	1118199	1453488	2127488	3223613	4139116
Accounts Receivables							
Other Current Assets	9000000	15500000	22000000	28500000	34500000	40000000	45500000
Total Current Assets	9499086	16347341	23118199	29953489	36627488	43223613	49639116
Gross Fixed Assets	31413730	29610799	27807868	26004937	24202006	22399075	20596144
Less: Depreciation	1802931	1802931	1802931	1802931	1802931	1802931	1802931
Net Fixed Assets	29610799	27807868	26004937	24202006	22399075	20596144	18793213
Pre-incubation Cost	841016	630762	420508	210254	0	0	0
TOTAL ASSETS	39950901	44785971	49543644	54365749	59026563	63819758	68432329
LIABILITIES & SHAREHOLDERS EQUITY							
CURRENT LIABILITIES							
Short Term Debt							
Accounts Payable & Accrued	0	0	0	0	0	0	0

Particulars	Y1	Y2	Y3	Y4	Y5	Y6	Y7
Expenses							
Other Current Liabilities							
Total Current Liabilities	0	0	0	0	0	0	0
Long Term Debt	5953246	5232187	4419679	3504125	2472456	1309946	0
Differed Tax Liabilities							
TOTAL LIABILITIES							
Share capital	9538254	9538254	9538254	9538254	9538254	9538254	9538254
Smart Grant-in-aid	19479000	19479000	19479000	19479000	19479000	19479000	19479000
Reserves and Surplus							
Add: Opening Balance (P/L Account)	0	4980401	10536530	16106710	21844369	27536853	33492558
Profit & Loss) During the Year	7114858	7937327	7937401	8196656	8132119	8508149	8460740
Appropriation – Dividend	2134457	2381198	2387220	2458997	2439636	2552445	2538222
Total Reserves	4980401	10536530	16106710	21844369	27536853	33492558	39415075
TOTAL EQUITY	33997655	39553784	45123964	50861623	56554107	62509812	68432329
TOTAL LIABILITIES & EQUITY	39950901	44785971	49543644	54365749	59026563	63819758	68432329

5.2.9 Financial Indicators

- A. Return on Capital Employed (RoCE) or Return on Equity (RoE) 22.79%**
- B. Net Present Value (NPV) Rs. 13072950**
- C. Internal Rate of Return (IRR) 20.31%**
- D. Pay Back Period (Project/ Equity) 3.61 Years**
- E. Break Even Point (BEP) 22.61%**
- F. Debt Service Coverage Ratio (DSCR) 11.41 Times**
- G. Sensitivity Analysis**