



Model Detailed Project Report

Amla Juice Processing

Under the Formalization of Micro Food Processing Enterprises Scheme (Ministry of Food Processing Industries, Government of India)



Prepared by

Indian Institute of Food Processing Technology (IIFPT)

Pudukkottai Road, Thanjavur, Tamil Nadu

Ministry of Food Processing Industries, Government of India

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PROJECT SUMMARY

1	Name of the Firm	:	
2	Constitution	:	Proprietorship Firm
3	Proprietor	:	
4	Address	:	
5	Size of Plot	:	300 Sq. mts.
6	Location	:	
7	Covered Area	:	1500 Sq. ft.
8	Proposed Project to be set-up	:	Amla Juice
9	Type of Industry	:	Manufacturing
10	Major Raw Materials	:	Amla, packaging materials
11	Power Load	:	20 HP
12	Employment	:	20 Persons
13	Total Cost of the Project	:	(Rs.in Lakh)
a.	Premises	:	Owned
b.	Machinery & Equipment	:	25.82
c.	Misc. Fixed Assets	:	5.75
d.	Preliminary and Pre-operative expenses	:	0.26
e.	Security Deposits with Departments/Others.	:	0.30
f.	Margin Money for Working Capital	:	6.83
	Total	:	Rs. 38.95 Lakh

14	Means of Finance	:	
a.	Term Loan from Bank	:	25.05
b.	PM FME Subsidy		10.00
	Promoter's Contribution		<u>3.90</u> 13.90
	Total	:	Rs. 38.95 Lakh

15	Annual Profitability (at 40 % efficiency)	:	
a.	Annual Revenues	:	Rs. 102.00 Lakh
b.	Profit before tax	:	Rs. 3.10 Lakh
c.	Percentage Profit	:	3.04 %
d.	Annual Return on Investment	:	7.97 %
e.	Average Break-even-Point	:	71.03 %
f.	Debt-service Coverage Ratio 2nd year	:	1.57

Introduction:

The global Aonla market is segmented on the basis of form, application, and distribution channel, and region type. Market segment as per application, it is segmented on the basis of its form in powder and liquid. Among these form segments, the powder segment is expected to contribute more than 50% market share and expected to grow at higher space. Another segment is on the basis of the distribution channel which includes health stores, drug stores, online retailing, and other (direct-selling) distribution channels. On the basis of application, the market is segmented into pharmaceuticals, dietary supplements, cosmetics, food and beverages, and others. On analysing the demand of Aonla in form of powder, it was assessed that pharmaceuticals, cosmeceuticals, and the food and beverage industry acquires the majority of share in terms of volume. The primary reason behind its increasing demand for aonla in the global level market is due to its richness in natural quality and organic nature. In the food and beverage industry, Aonla powder is used as an important anti-oxidant agent in various food products to maintain a demand for Aonla based products. The global Aonla market is also segmented on the basis of form primarily into powder and liquid. Among these, the powder segment is expected to fuel the Aonla market over the forecast period. Hence, the global Aonla is market is expected to significantly increase the revenue contribution over the forecast period.

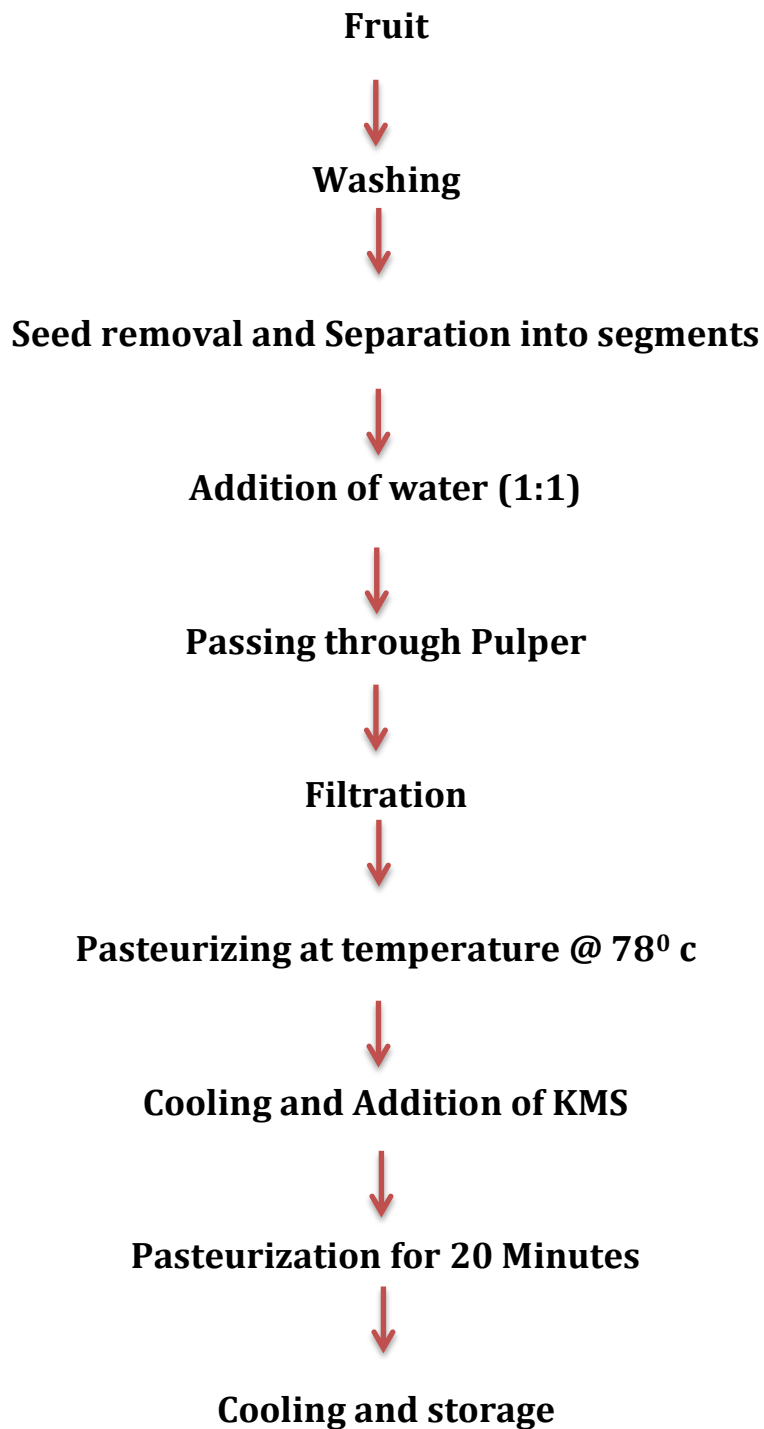
Scope of Aonla Industry:

Aonla fruits and other parts are utilized for preparation of value added food items, cosmetics, and ayurvedic preparations. The limitations have been low capacity, unhygienic processing, and labour intensive and poor utilization of by-products. There is scope for the development of types of machinery for harvesting, grading, pricking, de-stoning, segment breaking, juice extraction, Osmo-concentration, etc. There are quite a large array of opportunities to develop and introduce new products as food additives, cosmetic preparations, ayurvedic and herbal preparations. Optimization of technology in terms of quality, retention of maximum nutrition and cost-effective technology development will go a long way in harnessing the potential of aonla.

Aonla (*Emblica officinalis*) is very hardy, prolific bearer and highly remunerative even without much after care. Aonla is the richest known natural source of vitamin. Commonly used in inks, shampoos and hair oils, the high tannin content of Indian gooseberry fruit serves as a mordant for fixing dyes in fabrics. Amla juice contains 20 times as much vitamin C as orange juice. Aonla is known for its pharmaceutical and cosmetic properties. Aonla juice is rich in essential minerals and vitamins such as carotene, phosphorus, calcium, iron, and vitamin B complex making it a powerful antioxidant. It protects your body from oxidative stress by eliminating free radicals.

Aonla fruits are highly perishable in nature as it's storage in atmospheric conditions after harvesting is very limited. Due to its perishable nature, it is difficult to store or transport aonla fruits over long distances. In order to have a good income from aonla, it must be sold immediately in the market. But, the problem arises when there is a glut in the market. To get profit during that period, proper storage facilities should be available to help the farmers get the maximum profit. The extension of shelf life during storage should be made possible by checking the rate of respiration, transpiration, and microbial infection. Plant growth regulators, certain chemicals, and fungicides have played a great part in short period storage. The fruits may be kept in cold storage for 7-8 days at 0-2°C and 85-90% relative humidity.

Flow Chart of Aonla juice processing



ECONOMICS OF THE PROJECT

a BASIS OF PRESUMPTIONS :

No. of Working Days per Annum	:	300
No. of Working Shift(s) per day	:	Single
No. of Working Hours per shift	:	8

b PRODUCT(S) MIX, CAPACITY & ITS UTILISATION:

<i>Product</i>	<i>Units</i>	<i>Qty.</i>	<i>Average Selling Price (Rs./Unit)</i>	<i>Amount, (Rs.in Lakh)</i>
Amla Juice	KL	300	85000	255.00
<hr/>				<hr/>
			KL	300
<hr/>				<hr/>
				255.00

Capacity Utilization :

First Year of operation	:	40	%
Second Year of operation	:	50	%
Third Year of operation	:	60	%
Fourth Year of operation	:	65	%
Fifth Year & onwards years of operation	:	70	%

d MACHINERY AND EQUIPMENT:

<i>S.No.</i>	<i>Description</i>	<i>Qty. Nos.</i>	<i>Rate (Rs.Lakh)</i>	<i>Amount (Rs.in Lakh)</i>
1	Baby Boiler	1	1.13	1.13
2	Fruit Grater	1	0.53	0.53
3	Fruit Crusher	1	0.38	0.38
3	Hydraulic Juice Press	1	1.13	1.13
4	Filter Press, 14' x 14'	1	1.35	1.35
5	Jacketed Kettle, 250 ltrs.	1	1.28	1.28
6	Liquid Filling Machine	1	0.75	0.75
7	Cap Sealing Machine	1	0.38	0.38
8	Crown Corking Machine	1	0.15	0.15
9	Pasteurised Tank, 4' x4' x 2'	1	0.60	0.60
10	Oakwod barrels,cap 10 KL	1	11.73	11.73
11	S.S. Vessels	1	1.19	1.19
12	Preparation Tables	1	0.46	0.46
13	Fruit Washing Tanks	1	0.44	0.44
14	Misc. tools & Tackles	1 Set	0.05	0.05
				21.51
The cost of Installation, Erection, Commissioning Taxes, Freight, Insurance etc.		20%	4.30	
				25.82
Total			Rs.	25.82 Lakh

e **MISC. FIXED ASSETS** :

Additionally, following misc.fixed assets are also required for the proposed project:

					<i>(Rs.in Lakh)</i>
a.	Standby Gen Set	22	KVA	:	2.25
b.	Electrification Expenses and Electrical Equipments			:	1.00
c.	Office Furniture and Equipments			:	0.75
d.	Fire Fighting & Other Safety Equipments			:	1.25
e.	Misc.			:	0.50

Total	:	Rs.	5.75 Lakh
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f **TOTAL COST OF THE PROJECT** :
(Rs.in Lakh)

a.	Premises	:	Owned
b.	Machinery & Equipment	:	25.82
c.	Misc.Fixed Assets	:	5.75
d.	Pre-liminary and Pre-operative expenses	:	0.26
e.	Security Depsits with Departments/Others.	:	0.30
f.	Margin Money for Working Capital	:	6.83
Total		:	Rs. 38.95 Lakh

g **MEANS OF FINANCE** :

It is proposed to finance the project as under:

(Rs.in Lakh)

a.	Term Loan from Bank	:	25.05
b.	PM FME Subsidy		10.00
	Promoter's Contribution		<u>3.90</u> 13.90
Total		:	Rs. 38.95 Lakh

h **TERMLOAN**: **Rs. Lakh**

<i>S.No.</i>	<i>Description</i>	<i>Value</i>	<i>Term Loan</i>	
1).	Premises	Owned		
2).	Machinery & Equipment	25.82	80 %	20.65
3).	Misc.Fixed Assets	5.75	80 %	4.60
Term Loan Eligibility		31.57	Rs.	25.25 Lakh
Term Loan to be applied for			Rs.	25.05 Lakh

i **TERM LOAN, ITS REPAYMENT AND INTEREST SCHEDULE**

Term Loan	:	Rs.	25.05	Lakh
Repayment Period			4.5	Years
Moratorium Period			6	months
Annual Interest Rate			10.50	%

<i>Year/Mont h</i>	<i>Opening Balance</i>	<i>Principle Repayment</i>	<i>Closing Balance</i>	<i>Interest</i>	
Ist Year	1	2505000	0	2505000	21919
	2	2505000	0	2505000	21919
	3	2505000	0	2505000	21919
	4	2505000	0	2505000	21919
	5	2505000	0	2505000	21919
	6	2505000	0	2505000	21919
	7	2505000	46389	2458611	21716
	8	2458611	46389	2412222	21310
	9	2412222	46389	2365833	20904
	10	2365833	46389	2319444	20498
	11	2319444	46389	2273056	20092
	12	2273056	46389	2226667	<u>19686</u>
			278333		255719
2nd Year	1	2226667	46389	2180278	19280
	2	2180278	46389	2133889	18874
	3	2133889	46389	2087500	18469
	4	2087500	46389	2041111	18063
	5	2041111	46389	1994722	17657
	6	1994722	46389	1948333	17251
	7	1948333	46389	1901944	16845
	8	1901944	46389	1855556	16439
	9	1855556	46389	1809167	16033
	10	1809167	46389	1762778	15627
	11	1762778	46389	1716389	15221
	12	1716389	<u>46389</u>	1670000	<u>14815</u>
			556667		204575

i **TERM LOAN, ITS REPAYMENT AND INTEREST SCHEDULE (Contd....)**

<i>Year/Mont h</i>	<i>Opening Balance</i>	<i>Principle Repayment</i>	<i>Closing Balance</i>	<i>Interest</i>	
3rd Year	1	1670000	46389	1623611	14410
	2	1623611	46389	1577222	14004
	3	1577222	46389	1530833	13598
	4	1530833	46389	1484444	13192
	5	1484444	46389	1438056	12786
	6	1438056	46389	1391667	12380
	7	1391667	46389	1345278	11974
	8	1345278	46389	1298889	11568
	9	1298889	46389	1252500	11162
	10	1252500	46389	1206111	10756
	11	1206111	46389	1159722	10351
	12	1159722	<u>46389</u>	1113333	<u>9945</u>
			556667		146125
4th Year	1	1113333	46389	1066944	9539
	2	1066944	46389	1020556	9133
	3	1020556	46389	974167	8727
	4	974167	46389	927778	8321
	5	927778	46389	881389	7915
	6	881389	46389	835000	7509
	7	835000	46389	788611	7103
	8	788611	46389	742222	6697
	9	742222	46389	695833	6291
	10	695833	46389	649444	5886
	11	649444	46389	603056	5480
	12	603056	<u>46389</u>	556667	<u>5074</u>
			556667		87675

i **TERMLOAN, ITS REPAYMENT AND INTEREST SCHEDULE (Contd....)**

<i>Year/Mont h</i>		<i>Opening Balance</i>	<i>Principle Repayment</i>	<i>Closing Balance</i>	<i>Interest</i>
5th Year	1	556667	46389	510278	4668
	2	510278	46389	463889	4262
	3	463889	46389	417500	3856
	4	417500	46389	371111	3450
	5	371111	46389	324722	3044
	6	324722	46389	278333	2638
	7	278333	46389	231944	2232
	8	231944	46389	185556	1827
	9	185556	46389	139167	1421
	10	139167	46389	92778	1015
	11	92778	46389	46389	609
	12	46389	<u>46389</u>	0	<u>203</u>
			556667		29225

k **RECURRING EXPENSES***(Rs. in Lakh)*

		<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>	
	Days						
a.	Consumables	15	3.06	3.83	4.59	4.97	5.36
	Bank Finance	75%	2.30	2.87	3.44	3.73	4.02
b.	Work in progress	5	1.16	1.47	1.77	1.91	2.06
	Bank Finance	75%	0.87	1.10	1.32	1.43	1.54
c.	Finished Goods in Stock	7	2.04	2.04	2.51	2.97	3.23
	Bank Finance	75%	1.53	1.53	1.88	2.23	2.42
d.	Accounts Receivables	30	10.20	12.75	15.30	16.58	17.85
	Bank Finance	60%	6.12	7.65	9.18	9.95	10.71
e.	Misc. Expenses	30	2.62	3.12	3.55	3.88	4.23
	Bank Finance	0%	0.00	0.00	0.00	0.00	0.00
	Total		19.08	23.20	27.72	30.31	32.72
	Less: Sundry Creditors	7	1.43	1.79	2.14	2.32	2.50
	Recurring Expenses		17.65	21.42	25.58	27.99	30.22
	Bank Finance		10.82	13.15	15.83	17.34	18.69
	Margin Money		6.83	8.26	9.75	10.66	11.53

k **STAFF & LABOUR REQUIREMENTS AND ANNUAL SALARIES/WAGES BILL**

<i>S.No.</i>	<i>Designation</i>	<i>Nos.</i>	<i>Rate p.m. (Rs.)</i>	<i>Amount (Rs.in Lakh)</i>	
a.	<u>Office Staff</u>				
1	Accountant	1	15000	1.80	
2	Sales & Marketing	2	12000	2.88	
3	Peon/Watchman	2	10000	<u>2.40</u>	7.08
		<hr/>			
		5			
b.	<u>Managerial/Supervisory</u>				
1	Manager	1	30000	3.60	
2	Supervisor/Foreman	<u>2</u>	20000	<u>4.80</u>	8.40
		3			
c.	<u>Workers</u>				
1	Skilled Operators	2	15000	3.60	
2	Semi-skilled Workers	6	12000	8.64	
3	Unskilled Labour	4	10000	<u>4.80</u>	17.04
		<hr/>			
		12		32.52	
	10% benefits			3.25	
		<hr/>			
		20	Rs.	35.77	Lakh

Note:- More than 75% of local persons to be employed

1 **ANNUAL COST OF RAW MATERIALS, CONSUMABLES
& PACKAGING MATERIALS** (at 100% efficiency)

Following Raw Materials, Consumables & Packaging materials are required for the proposed project:

<i>S.No</i>	<i>Description</i>		
1	Amla	}	
2	Sugar	}	
3	Veg.Oils	}	
4	Salts & Spices	}	55.00 % of sales value
5	Misc.Consumables	}	
6	Packing Materials	}	
	Jars, Labels, Printed Cartons, Labels, Poly Bags etc.	}	5.00 % of sales value

Cost of raw materials, consumables and packing materials is assumed at 60.00 % of annual revenues.

Total	Rs.	153.00 Lakh
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Year-wise cost of Raw Materials, Consumables & Packing Materials:

Rs. in Lakh

<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>
61.20	76.50	91.80	99.45	107.10

m ANNUAL COST OF UTILITIES (POWER & WATER)

(at 100% efficiency)

a. Power

Total Load			20	HP	
			15	KW	
Consumption			Load x 8 x 300 x 0.75		
			Hrs. x Days x Power		
				Factor	
Source:		26856	KWH		
Govt.	75%	20142	KWH		
Rate	Rs.	9.00	KWH	1.81	Lakh
Generator	25%	6714	KWH		
Rate	Rs.	15.00	KWH	<u>1.01</u>	Lakh
Total Power Bill		Rs.	2.82	Lakh	

b. Water

Water	300	KL			
@ Rs.	25.00	per KL			
		Rs.	0.08	Lakh	

Total Power & Water Bill Rs. 2.89 Lakh

n DEPRECIATION CHART

Machinery & Equipment : Rs. 25.82 Lakh
 Misc.Fixed Assets : Rs. 5.75 Lakh

<i>S.No.</i>	<i>Description</i>		<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>
1).	Machinery & Equipment		25.82	21.94	18.65	15.85	13.48
	Depreciation rate	15%	<u>3.87</u>	<u>3.29</u>	<u>2.80</u>	<u>2.38</u>	<u>2.02</u>
			21.94	18.65	15.85	13.48	11.45
2).	Misc.Fixed Assets		5.75	4.89	4.15	3.53	3.00
	Depreciation rate	15%	<u>0.86</u>	<u>0.73</u>	<u>0.62</u>	<u>0.53</u>	<u>0.45</u>
			4.89	4.15	3.53	3.00	2.55
	Total Depreciation		4.73	4.02	3.42	2.91	2.47

o **REPAIRS & MAINTENANCE**

<i>S.No.</i>	<i>Description</i>	<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>
1).	Machinery & Equipment Repairs/Maintenance	25.82	21.94	18.65	15.85	13.48
	Rate (%)	0.50	1.00	1.50	2.00	2.50
	Amount (Rs. Lakh)	0.13	0.22	0.28	0.32	0.34
2).	Misc. Fixed Assets Repairs/Maintenance	5.75	4.89	4.15	3.53	3.00
	Rate (%)	0.50	1.00	1.50	2.00	2.50
	Amount (Rs. Lakh)	0.03	0.05	0.06	0.07	0.08
	Total	0.16	0.27	0.34	0.39	0.41

p **INSURANCE**

The fixed assets of the project will be insured for all types of risks. Annual insurance Charges payable shall be as under:-

<i>S.No.</i>	<i>Description</i>	<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>
1).	Machinery & Equipment	25.82	21.94	18.65	15.85	13.48
2).	Misc. Fixed Assets	<u>5.75</u>	<u>4.89</u>	<u>4.15</u>	<u>3.53</u>	<u>3.00</u>
	Total	31.57	26.83	22.81	19.38	16.48
	Insurance Charges:					
	Rate (%)	1.00	1.50	2.00	2.50	3.00
	Amount (Rs. Lakh)	0.32	0.40	0.46	0.48	0.49

q **MARKETING EXPENSES**

Marketing Expenses include brokerage, commission, discounts etc.

These are assumed at 2.00 percent of revenues

Year	<i>Rs. Lakh</i>				
	<i>1st Yr.</i>	<i>2nd Yr.</i>	<i>3rd Yr.</i>	<i>4th Yr.</i>	<i>5th Yr.</i>
Revenues	102.00	127.50	153.00	165.75	178.50
Rate (%)	2.00	2.00	2.00	2.00	2.00
Selling Exps.	2.04	2.55	3.06	3.32	3.57

r PROJECTIONS OF PERFORMANCE AND PROFITABILITY STATEMENT

(Rs.in Lakh)

	1st Yea r	2nd Yea r	3rd Yea r	4th Yea r	5th Yea r
Capacity Utilisation (%)	40	50	60	65	70
A. Annual Revenues					
Value Rs.Lakh	102.00	127.50	153.00	165.75	178.50
(% increase over last year)		25.00	20.00	8.33	7.69
B. Expenses					
a. Raw Materials, Consum- ables & Packing Materials	61.20	76.50	91.80	99.45	107.10
b. Rent (Premises)	0.00	0.00	0.00	0.00	0.00
b. Power/Water	1.16	1.45	1.74	1.88	2.03
c. Salaries & Wages*	17.03	18.73	20.60	22.66	24.93
Salaries Wages	7.50	10.31	12.37	13.40	14.43
d. Repairs & Maintenance	0.16	0.27	0.34	0.39	0.41
e. Insurance	0.32	0.40	0.46	0.48	0.49
f. Depreciation	<u>4.73</u>	<u>4.02</u>	<u>3.42</u>	<u>2.91</u>	<u>2.47</u>
	92.09	111.68	130.73	141.18	151.87
Expenses	92.09	111.68	130.73	141.18	151.87

* 10% increase every year

r **PROJECTIONS OF PERFORMANCE AND PROFITABILITY STATEMENT**
(Contd.)

(Rs.in Lakh)

	1st Year	2nd Year	3rd Year	4th Year	5th Year
Capacity Utilisation (%)	40	50	60	65	70
C. Gross Profit	9.91	15.82	22.27	24.57	26.63
Selling Expenses	2.04	2.55	3.06	3.32	3.57
Overheads@ Preliminary & Pre-operative Expenses w/off	1.02	1.28	1.53	1.66	1.79
<u>Financial Expenses:</u>	0.05	0.05	0.05	0.05	0.05
a. Interest on term loan	2.56	2.05	1.46	0.88	0.29
b. Interest on Working Capital Loan @ 10.50 % p.a.	1.14	1.38	1.66	1.82	1.96
D. Profit (before taxes)	3.10	8.51	14.50	16.85	18.97
E. Provision for Taxes 30.90%	0.96	2.63	4.48	5.21	5.86
F. Profit (after taxes)	2.14	5.88	10.02	11.64	13.11
Depreciation, added back	4.73	4.02	3.42	2.91	2.47
G. Cash Accruals	6.88	9.91	13.44	14.55	15.58

@ Telephone Bills, Postage/Courier Exps., Travelling/Conveyance,
Bank Charges/Commissions, Publicity etc. considered at 1.00
percent of revenues.

s **BREAK-EVEN-EFFICIENCY ANALYSIS**

	<i>(Rs.in Lakh)</i>				
	1st Year	2nd Year	3rd Year	4th Year	5th Year
Capacity Utilisation (%)	40	50	60	65	70
A. Revenues	102.00	127.50	153.00	165.75	178.50
B. Variable Costs					
a. Raw Materials, Consumables & Packing Materials	61.20	76.50	91.80	99.45	107.10
b. Power/Water	1.16	1.45	1.74	1.88	2.03
c. Wages	7.50	10.31	12.37	13.40	14.43
d. Int. on working capital loan	1.14	1.38	1.66	1.82	1.96
e. Marketing Expenses	2.04	2.55	3.06	3.32	3.57
Total	73.03	92.19	110.63	119.87	129.09
C. Fixed Costs					
a. Rent (Premises)	0.00	0.00	0.00	0.00	0.00
b. Salaries	17.03	18.73	20.60	22.66	24.93
c. Admn. Overheads	1.02	1.28	1.53	1.66	1.79
d. Repairs & Maintenance	0.16	0.27	0.34	0.39	0.41
e. Insurance	0.32	0.40	0.46	0.48	0.49
f. Interest on term loan	2.56	2.05	1.46	0.88	0.29
g. Depreciation	4.73	4.02	3.42	2.91	2.47
Total	25.81	26.75	27.81	28.98	30.39
D. Contribution	28.97	35.31	42.37	45.88	49.41
E. Break-even-efficiency(%)	89.11	75.74	65.65	63.16	61.50
Average Break-even-efficiency			71.03		

CASH FLOW STATEMENT*(Rs.in Lakh)*

	1st Year	2nd Year	3rd Year	4th Year	5th Year
A. Sources of Funds					
1.Increase in share Captial	13.90	1.43	1.48	0.91	0.88
2.Increase in Term Loan	25.05	0.00	0.00	0.00	0.00
3.Increase in Working Capital Borrowings	10.82	2.33	2.68	1.51	1.35
4.Profits before tax with interest added back	6.80	11.94	17.63	19.55	21.23
5.Preliminary Exps. w/off	0.05	0.05	0.05	0.05	0.05
6.Depreciation	4.73	4.02	3.42	2.91	2.47
	61.35	19.78	25.26	24.92	25.98
B. Disposition of Funds					
1.Preliminary & Pre- operative Expenses	0.26	0.00	0.00	0.00	0.00
2.Increase in Capital Expenditure	31.86	0.00	0.00	0.00	0.00
3.Increase in Current Assets	17.65	3.76	4.16	2.42	2.23
4.Decrease in Term Loan	2.78	5.57	5.57	5.57	5.57
5. Interests	3.69	3.43	3.12	2.70	2.25
6. Taxes	0.96	2.63	4.48	5.21	5.86
	57.20	15.39	17.33	15.89	15.91
C. Opening Balance	0.00	4.15	8.54	16.47	25.50
D. Net Surplus/Deficit(-)	4.15	4.39	7.93	9.04	10.07
E. Closing Balance	4.15	8.54	16.47	25.50	35.57

PROJECTED BALANCE SHEET

(Rs.in Lakh)

	1st Year	2nd Year	3rd Year	4th Year	5th Year
A. SOURCES OF FUNDS					
Share Capital	13.90	13.90	13.90	13.90	13.90
Add: Profits	<u>2.14</u>	<u>8.03</u>	<u>18.05</u>	<u>29.70</u>	<u>42.80</u>
	16.04	21.93	31.95	43.60	56.70
Net Worth	16.04	21.93	31.95	43.60	56.70
Loans					
Term Loan	25.05	22.27	16.70	11.13	5.57
Bank Borrowings	10.82	13.15	15.83	15.83	15.83
Unsecured Loans	0.00	0.00	0.00	0.00	0.00
Sundry Creditors	1.43	1.79	2.14	2.32	2.50
Other Current Liabilities	0.15	0.50	0.72	3.08	5.24
	53.49	59.63	67.34	75.96	85.84
B. APPLICATION OF FUNDS					
Fixed Assets					
Gross Block	31.86	31.86	31.86	31.86	31.86
Depreciation	<u>4.73</u>	<u>8.76</u>	<u>12.18</u>	<u>15.09</u>	<u>17.56</u>
Net Block	27.13	23.10	19.68	16.77	14.30
Plot/Land	0.00	0.00	0.00	0.00	0.00
Current Assets					
Inventories	6.26	7.33	8.87	9.86	10.64
Sundry Debtors	10.20	12.75	15.30	16.58	17.85
Preliminary & Pre- operative Exps. not w/off Advances	0.26	0.20	0.15	0.10	0.05
Cash & Bank Balance	4.15	8.54	16.47	25.50	35.57
Other Current Assets	5.50	7.70	6.88	7.15	7.43
	53.49	59.63	67.34	75.96	85.84

DEBT SERVICE COVERAGE RATIO

	1st Year	2nd Year	3rd Year	4th Year	5th Year
Profit after tax	2.14	5.88	10.02	11.64	13.11
Depreciation	4.73	4.02	3.42	2.91	2.47
Int. on Term Loan	2.56	2.05	1.46	0.88	0.29
Total Coverage	9.44	11.95	14.90	15.43	15.87
Loan Repayment	2.78	5.57	5.57	5.57	5.57
Int. on Term Loan	2.56	2.05	1.46	0.88	0.29
Total Loan Liability	5.34	7.61	7.03	6.44	5.86
DSCR	1.77	1.57	2.12	2.39	2.71
Average DSCR			2.11		