

TAMIL NADU RURAL TRANSFORMATION PROJECT

Business Plan for Cashew Processing unit

1. Village Panchayat:	AA
2. Block:	BB
3. District:	DD
4. Applicant:	Mrs. AAA
5. Activity:	Cashew processing unit
6. Classification:	MSME - Manufacturing
7. Sector classification (TNRTP)	Small
8. Purpose of Note:	To recommend for sanction of the following limits: Term Loan/Working Capital Demand Loan/Composite Loan
9. Nature of Facility	Term loan – Composite loan
10. Purpose	For new Cashew processing unit.
11. Limit required	Rs.41.40 Lakhs
12. Margin	10% of the project cost of Rs.46 lakhs i.e Rs. 4.60 Lakhs

I.Introduction: (Details of Promoter name, age, qualification and experience, activity to be financed, existing or new unit, any existing facilities with Banks etc. The present request for loan and purpose.)

Mrs.AAA, aged 38 years is from AA village, BB Block, DD District. The applicant propose to establish a cashew processing unit. The unit will be engaged in purchasing of raw cashew directly from the farm for processing into cashew kernels.

The borrower has been associated with the similar activity for 5 years and has adequate experience in the line of activity. The applicant presently is not enjoying any facility with any Bank. The present request is for term loan – composite loan of Rs 41.40 Lakhs under TNRTP Matching Grant Programme for establishing a new cashew processing unit as well as for working capital for smooth conduct of day to day operations.

About the product:

The cashew kernel is one of the rich source for fat (46 percent) and protein (18 percent). Further it is also a good source of calcium, phosphorus and iron. It has a high percentage of polyunsaturated fatty acids, more particularly, the essential fatty acid "linoleic acid".

Three main cashew products are traded in the international market viz., raw nuts, cashew kernels and cashew nut shell liquid (CNSL). A fourth product, the cashew apple is generally processed and consumed locally.

PRODUCTS AND ITS APPLICATION

It is estimated that 60 percent of cashew kernels are consumed in the form of snacks while the remaining 40 percent are included in other food preparations. Cashew kernels are either consumed directly or in roasted, salted or flavoured form. It is used in confectionery and bakery products. For example, finely chopped kernels are used in the production of bakery biscuits, Indian sweets (Kaju Katri), ice-creams, cakes and chocolates, both at home and industrially and as paste to spread on bread.

HEALTH BENEFITS AND NUTRITIONAL INFORMATION

Cashews are rich in a range of nutrients. One ounce (28 grams) of unroasted, unsalted cashews provides around:

- Calories: 157
- Protein: 5 grams
- Fat: 12 grams
- Carbs: 9 grams
- Fiber: 1 gram
- Copper: 67% of the Daily Value (DV)
- Magnesium: 20% of the DV
- Manganese: 20% of the DV
- Zinc: 15% of the DV
- Phosphorus: 13% of the DV
- Iron: 11% of the DV
- Selenium: 10% of the DV
- Thiamine: 10% of the DV
- Vitamin K: 8% of the DV
- Vitamin B6: 7% of the DV

Cashews are especially rich in unsaturated fats, a category of fats linked to a lower risk of premature death and heart disease. They're also low in sugar, a source of fiber, and contain almost the same amount of protein as an equivalent quantity of cooked meat. In addition, cashews contain a significant amount of copper, a mineral essential for energy production, healthy brain development, and a strong immune system. They're also a great source of magnesium and manganese, nutrients important for bone health.

II. Category of Loan: Small Category

1. Profile of the Entrepreneur

Name	Mrs. AAA
Spouse Name	
Age	38 Years
Education	Graduate
Aadhaar Card No	86XXXX111111
Address	
Phone No	-
Mobile No	9111111111
Email ID	-
Number of years of experience in business	5 Years
Trainings attended (no. and hours)	Nil, Practical Experience – 5 Years
Spouse's occupation	Business
If Special category	SC / ST / Differently abled / Widow / Separated woman - NO

2. Enterprise Profile

Name of the Enterprise	BBB Cashew processing Unit
Legal form of Enterprise	Proprietary concern
Registration No	Not applicable
Registration Date	--
Registered with whom	--
GST No (if available)	To be registered.
Udhayam Registration(if available)	Applied for.

3. Bank Linkage Details

Whether the enterprise has separate bank account	No
If any bank credit availed	No
Name of the bank and branch details	Individual having account in ABC Bank, AAA Village.
Nature of the bank facility	Not applicable
Limit sanctioned	Nil
Balance outstanding as on date	Rs.5 lakhs in individual account

4. Enterprise Nature

Type of enterprise	Manufacturing
Product to be produced:	Raw cashew will be processed to produce cashew kernels.
Present Demand	<p>The unit is located in a central place in the village, well connected to the road and easy approach to the consumers. It will be the only unit with the capacity of processing 1000 kgs of raw cashew per day in the block.</p> <p>The changing lifestyles and increase in disposable incomes, has increased the the demand for cashew nuts in the households. Besides consumption in the households, it is widely used in hotels, restaurants, clubs, airlines, railways, etc</p> <p>Due to the contacts developed by the applicant during the previous five years of experience in the field, the unit is expected to receive constant orders from Bangalore, Mysore apart from the local market. Company will also explore the possibility of marketing their product to retail shops like Big Bazar, Reliance Trends, Malls etc. It will also try to partner with local and other hotels and restaurants with good offers to attract demand of its product. It is assumed that due to high quality, cost effectiveness and aesthetic packaging, sale of products may not face much problems.</p>
Current Supply - Current issues in the supply and how the entrepreneur will address this in her / his venture? What is the USP to overcome the competition?	As stated earlier this unit is the only unit processing 1000 Kgs of raw cashew every day for production of 250 kgs of finished product i.e. Cashew kernel. Raw cashew is to be

	<p>procured from Tuticorin, Theni Districts, more particularly during the season (February to June) when the price will be low. The price per kg of raw cashew is estimated at Rs.100 per kg. No issues are envisaged in the supply side. The availability of quality raw materials and good quality cashew is the USP.</p>
--	---

III. TECHNICAL FEASIBILITY:

Location / Infrastructure:	
<p>1. Location Brief on Location – Whether well connected to market by road etc.,</p>	<p>The unit is located in a central place in the village, well connected to markets through the Main Highway and is easily approachable to the consumers as well as suppliers of raw materials.</p>
<p>2. Land Extent of Land, sq.ft. Panchayat approval, own/leased</p>	<p>The business is proposed to be run in own premises. The required land space of around 500 sq.mts is available. Panchayat approval for the proposed activity is to be obtained.</p>
<p>3. Building Approved plan from local body, sq.ft, whether sufficient for the proposed activity</p>	<p>The applicant owns a shed with an area of 250 sq.mts. This shed is to be utilized for housing the machines proposed to be purchased as well as for storing purposes. Approval/License from Village Panchayat is to be obtained. The cost of land and building is not included in the Project cost.</p>
<p>4. Power Whether required power connection is available</p>	<p>The required power for running the unit will be around 6000 units per annum at Rs.8/- per unit. The required three phase connection is to be obtained.</p> <p>Further fuel is required for boiler to produce steam. The cost is estimated at 2% of the Raw material cost.</p>

<p>5. Water Whether adequate water is available.</p>	<p>Around 500 liters of water is required every day. Adequate water resource is available at the site to be drawn through bore well.</p>
<p>6. Approval Pollution control Board/GST/FSSAI approvals or any other approval is required. Present Status</p>	<p>The applicant has applied for GST Registration, FSSAI and Pollution Control Board approvals. Follow up is being made by the applicant.</p> <p>The applicant is yet to register under UDYAM. He has applied for and the same is under process.</p>
<p>7. Materials Needed Quantity / Cost / Availability / Delivery Time to be discussed.</p> <p>a. Raw materials : b. Equipment : c. Technology :</p>	<p><u>Raw-materials</u> Raw cashew nuts are the main raw material for processing cashew.: Cost per Kg is approximately Rs.100/-. Normally the season for raw cashew will be during February to June every year during which period the raw cashew nuts(RCN) will be available at a lower price. RCN will be procured from Tuticorin/Theni districts preferably during the season and stored for processing.</p> <p>Equipment: The promoter requires a set of machines for different processes involved such as steaming, drying, shelling, peeling, grading, packing etc. The required machineries are detailed in Annexure A. The machineries are to be procured indigenously from a supplier from Gujarat.</p> <p>Technology: The applicant has necessary experience in the line of activity. No specific technology is required in the production process. In case of any technical issues the required technological support will be provided by the supplier of the machineries itself.</p>

<p>8. Cost of capital assets:</p> <p>Details of equipment/machinery with cost of individual item required along with quotations.</p>	<p style="text-align: right;">(Rs in lakhs)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Machineries & other Fixed Assets (As per Annexure A)</td> <td style="text-align: right; width: 20%;">16.00</td> </tr> <tr> <td>2. Working capital (As per annexure B)</td> <td style="text-align: right;">30.00</td> </tr> <tr> <td>Total Project cost</td> <td style="text-align: right;">46.00</td> </tr> </table>	1. Machineries & other Fixed Assets (As per Annexure A)	16.00	2. Working capital (As per annexure B)	30.00	Total Project cost	46.00
1. Machineries & other Fixed Assets (As per Annexure A)	16.00						
2. Working capital (As per annexure B)	30.00						
Total Project cost	46.00						
<p>9. Cost of working capital for one operating cycle</p> <p>a. raw-materials, b. Semi-finished goods, c. finished goods, d. receivables outstanding</p> <p>Total working capital needs</p> <p>(The value of raw-materials, semi-finished goods, finished goods, receivables outstanding to be arrived)</p>	<p>The working capital requirement is arrived at Rs.30 lakhs as per Annexure B.</p>						
<p>OR</p>							
<p>25% of projected annual sales turnover if necessary. (The projected annual sales should be reasonable and acceptable)</p>	<p>The assessment has been done as per holding levels detailed in annexure B.</p>						
<p>10. Skills Requirements: skilled labour available / Not available</p> <p>If not available: whether people can be trained? If so, training period and training facility?</p>	<p>The promoter is experienced in the line of activity for five years and has the required skills to run the unit. The unit requires 80 workers, apart from administrative staff. The monthly wages/salary works out to Rs.7.15 lakhs on an average basis.</p>						

11. Production Process:	
<p>c. Production Plan/cycle (operating cycle may be one-day / week / month or one year as per the activity selected):</p>	<p>The operating cycle is assumed at 30 days(excluding the packing material holding) for the unit as detailed in Annexure B</p> <p>Raw cashew nuts are dried in sun and stored in gunny bags. The stored raw cashews are boiled by using steam in a boiler. The boiling helps in softening of cashew shell. It becomes easy to remove nut inside cashew seed after boiling. The shell of steamed cashew nut is removed by skilled labour by using cashew cutting hand operated equipment. The cashew shell is used to extract cashew nut shell liquid (CNSL), which is an important by-product of cashew industry. The cashew kernels obtained are dried in a cabinet dryer. The outer reddish skin known as testa, is removed to obtain cashew nut after drying. Actual recovery of cashew nut is around 30 per cent, whereas 50 per cent account for shell and remaining 20 per cent is process loss. Cashew nut is graded on the basis of the colour and on how the kernel is broken. The final product is packed for selling.</p>

IV. COMMERCIAL FEASIBILITY:

<p>Marketing strategy :</p> <p>a. Direct to customers :</p> <p>b. Bulk to Institutions :</p> <p>c. Through Retailers / Wholesalers:</p> <p>d. Through Online:</p>	<p>It is a product necessarily used every day in the Southern states and most of the parts in North India. It is used along with cooking in houses, sweet shops, hotels etc.</p> <p>The major institutional customers will be Hotels & restaurants, Bakeries and retailers. Tie up arrangements are to be made with local restaurants and hotels. Further to explore the possibility of</p>
---	---

	<p>appointing distributors in select districts for distribution under a "Brand name". Apart from these, focus will be on supply to retailers as well as supply in the whole sale market at a discount.</p>
e. Pricing & Discounts :	<p>The price for one Kg of cashew kernel is assumed at Rs.600/- per Kg on an average. Bulk supply will be encouraged with a discount in price.</p>
f. Market promotion strategies:	<ul style="list-style-type: none"> • To target direct sales to customers in the local area and nearby districts. • Further to explore the possibility of selling under a "brand name" through distributors after obtaining 'Quality Certificate' from NSIC. • Different methods/attractive packing materials will be used for packing the cashews to attract different types of customers.
g. Physical and digital connectivity:	<p>While the payments are also accepted by way of cash, digital payments will be encouraged with appropriate equipment installed and cost will be borne by the applicant.</p>
h. Risks and risk mitigation planned:	<p>Market risk – The unit is the only unit working in the village and nearby areas. Further the high quality will be maintained in view of the quality of raw cashew nuts to be procured directly from farmers in and around DD district.</p>

V. ENVIRONMENT ASSESSMENT

To be entered as per the required category of the enterprise proposed: Orange (code 2021) – Medium polluting. The enterprise to obtain Consent to operate from TNPCB.				
Environment Issue identified	Environment Guidelines or mitigation measures Integrated (Please tick)	Greening Measures identified (for green, orange and red categories)	Support needed	
			Implement the mitigation measures	Implement the greening measures
Exploitation of local resources (water and energy)	<ul style="list-style-type: none"> •Electricity •Water 	To ensure adequate measures for Proper disposal of waste water	NA	NA
Waste generation and disposal	<ul style="list-style-type: none"> •Dust/air pollutants 	To ensure adequate measures for Proper disposal of dust and waste fixing exhaust fans etc.	NA	NA
Worker and Community safety	<ul style="list-style-type: none"> •Safety measures / gadgets 	Safety masks, gloves, chappals to be provided.	NA	NA

Whether the activity proposed is in the negative list: No

VI. FINANCIAL VIABILITY

1. Cost of the project and Means of the project:

a. Cost of the Project:	(Rs in lakhs)
i. Fixed capital Cost of all the equipment's /machinery/construction(excluding land cost)	Machineries – 16.00
ii. Working capital	Working capital 30.00
iii. Pre-operative expenses*	Nil
Total cost of the project (i + ii + iii)	46.00
*Pre-operative expenses such as salaries to permanent staff before commencement of operations, Interest during holiday period etc to be met by the borrower from his own source.	
b. Means of the project:	
i. Loan from financial Institution / Bank (95% or 90%):	41.40
ii. Margin money -Borrower's contribution (5% or 10%):	4.60
Total means of the project (i + ii)	46.00
c. Matching grant from the project**	13.80
Whether the entrepreneur has the sufficient means to bring in the margin money and has enough buffer to manage any cost escalations	Yes. The applicant has deposit to the extent of Rs.500000/- in the Bank.

**Matching Grant is @30% of the total cost of the project (excluding pre-operative expenses, land cost, lease). As Matching Grant will be kept in a "Subsidy Reserve Fund" account of the bank as a back-ended grant, it is not shown under the Means of the project. The matching grant to be adjusted as below:

	(Rs in Lakhs)
Loan initially disbursed by the Bank	- 41.40
Less 30% matching grant	- 13.80
Balance principal amount to be repaid by Borrower	- 27.60

Upon completion of minimum period of 18 months and upon repayment of principal amount of Rs.27.60 lakhs and the interest portion, the matching grant of Rs.13.80 lakhs can be adjusted to the loan account of the borrower and the loan account can be closed.

2. Repayment capacity

Calculation of Debt service coverage ratio(DSCR). (Profitability based on Projections in Annex D and assumptions Annexure C)

- Loan amount of Rs.41.40 lakhs repayable in 60 months @ 11% with holiday period of 6 months.
- Monthly instalment - principal amount is Rs.76670/-
Last instalment - Rs.76550/-
- Though the repayment is fixed for 60 months, upon prompt repayment the loan is closed on the 43rd month itself with matching grant amount of Rs.13.80 lakhs which is eligible for the project.
- 50% of net profit and depreciation is taken for DSCR Calculation in the I Year since only six months operation in I Year
- Interest calculation details available in Annexure F.

(Rupees in lakhs)

Particulars	YEAR 1(6 M)	YEAR 2	YEAR 3	YEAR 4	YEAR 5
Net profit after tax	6.25	16.61	22.37	23.18	23.62
Depreciation	0.80	1.60	1.60	1.60	1.60
Interest	1.52	2.57	1.56	0.55	0.00
Grant					13.80
Cash surplus A	8.57	20.78	25.53	25.33	39.02
Principal Repayment	0.00	9.20	9.20	9.20	13.80
Interest	1.52	2.57	1.56	0.55	0.00
Repayment obligation B	1.52	11.77	10.76	9.75	13.80
DSCR A/B	5.64	1.77	2.37	2.60	2.83
Average DSCR			3.04		

The average DSCR is 3.04 which is above the minimum DSCR of 1.5: 1 as required by MGP guidelines. The repayment capacity is comfortable.

3.Current Ratio

Current assets / Current liabilities

(To assess whether the enterprise has sufficient liquidity for the payments that are due within 12 months. Current ratio should be more than 1.25.)

Particulars	I Yr	II Yr	III Yr	IV Yr
Current Assets				
Raw Materials	7	8	9	9
Packing Materials	0.42	0.48	0.54	0.54
Work in progress	2.97	3.36	3.75	3.75
Finished Goods	6.93	7.83	8.74	8.74
Debtors	12.6	14.4	16.2	16.2
Cash	4.08	5.57	5.34	5.07
Total Current Assets(A)	34	39.64	43.57	43.3
Current Liabilities				
Trade creditors	0	0	0	0
TL instalments due in 1 Yr	4.6	9.2	9.2	4.6
Total Current Liabilities(B)	4.6	9.2	9.2	4.6
Current Ratio: A/B	7.4	4.3	4.7	9.4

Note: Deposits and investments are not considered as current asset.

Current ratio is above 1.25 in all the years. Hence the liquidity is comfortable.

4. Debt/Equity ratio (DER)

The debt equity ratio is to find out the leverage of the owners capital.

DER: Total liabilities / Total equity (Projected Balance sheet as per annexure E)

Particulars	I Yr	II Yr	III Yr	IV Yr
TOL				
Term Liability	36.8	27.6	18.4	0
Current Liability	4.6	9.2	9.2	4.6
Total Outside Liability(A)	41.4	36.8	27.6	4.6
TNW				
Capital	4.6	4.6	4.6	4.6
Accumulated Profit	12.50	29.11	51.48	74.66
MGP Grant	13.8	13.8	13.8	13.8
Tangible Networth (B)	30.9	47.51	69.88	93.06
Debt/Equity Ratio(A/B)	1.34	0.77	0.39	0.05

The Debt to equity ratio is comfortable and reducing every year due to retention of profits. It is below the bench mark level of 3:1 in all the years.

VII. Recommendation:

As the proposal is viable and complies with the guidelines in respect of Matching Grant Programme, we may recommend to the concerned Bank.

ANNEXURE – A

S.No.	Particulars	Quantity (number)	Rate per number (Rs.)	Amount (Rs)
1.	Steam Cooker System	2	2,00,000	4,00,000
2.	Cashew Dryer – Borma	2	50,000	1,00,000
3.	Cashew Shelling Machine (Cashew Nut Cutters.)	40	5,000	2,00,000
4.	Cutter Mounting Table	20	2,000	40,000
5.	Grading machine	2	50,000	1,00,000
6.	Peeling Table With Plywood & Aluminum Top	20	8,000	1,60,000
7.	Tin Filling Machine	2	50,000	1,00,000
8.	Dust Collector	2	60,000	1,20,000
9.	Vita Packing Machine	2	80,000	1,60,000
10.	Vibratory Sieve : Piece Separator	2	75,000	1,50,000
11.	Miscellaneous Equipment	One set		70,000
	Total			16,00,000

Total Machineries and Equipment required – Rs.16 Lakhs

Annexure - B

Working Capital Assessment

Working capital requirement (Rs in lakhs)					
Particulars	Holding Period	Year I	Year II	Year III	Year IV
Raw material stock - Raw Cashew	10 days	7.00	8.00	9.00	9.00
Packing material	30 days	0.42	0.48	0.54	0.54
Work in Progress	3 days	2.97	3.36	3.75	3.75
Finished goods	7 days	6.93	7.83	8.74	8.74
Receivables	10 days	12.60	14.40	16.20	16.20
Gross working Capital		29.92	34.07	38.23	38.23
Trade creditors		0.00	0.00	0.00	0.00
Working capital requirement		29.92	34.07	38.23	38.23
Rounded off		30	34	38	38

The operating cycle is assumed at 30 days excluding packing material holding. The working capital requirement for the I year is Rs 30 Lakhs.

Annexure C

BASIS & PRESUMPTIONS

Assumptions for working out economics of a 300 MT/ Annum capacity raw cashew processing plant

1. Total Installed Capacity 300 MT per annum of raw cashew.
2. The unit will operate in a single shift of 8 hours for 300 days.
3. Recovery of final products considered was 25% of raw cashew.
4. Capacity utilization: 1st year – 70%, 2nd year – 80%, and 3rd Year onwards 90%.
5. Sales price will be Rs.600/Kg on an average.
6. Cost of raw cashew including transportation Rs.100 / Kg
7. Wages/Salaries are bifurcated into fixed and variable components as below:

Fixed

S.No.	Designation	No.	Salary(Rs.)	Annualised Amount(Rs)
1	Manager – In charge of Production	1	30000	3,60,000
2	Staff – Marketing	3	20000	7,20,000
3	Staff Administration	3	15000	5,40,000
4	Chemist	1	20000	2,40,000
	Total			18,60,000/-

Variable

S.No.	Designation	No.	Salary/wages(Rs.)	Annualised Amount(Rs)
5	Foreman	1	10000	120000/-
6.	Operators	1	10000	120000/-
7.	Workers	80	7000	67,20,000/-

8. Packing material at 2% of the raw material cost.
9. Fuel cost is estimated at 2.5% of raw material cost.
10. The required power is estimated at 500 units per month at Rs.8/- per unit.
11. Repairs and maintenance is assumed at Rs.50,000/- per month.
12. Other expenses including insurance is assumed at 1% of the Sales.
13. Depreciation is assumed at 10% on the straight line method.
14. Interest on Composite loan is assumed at 11% per annum.
15. Tax will be at 20% on the net profit.
16. Repayment period assumed at 60 months with a holiday period of 6 months.

ANNEXURE D

Profitability projection for Cashew processing unit

(Amount Rs in Lakhs)

Particulars	Yr 1	Yr 2	Yr3	Yr 4	Yr 5
A. Production at 100% capacity (in Kgs)					
Cashew Kernal (250 Kgs per day for 300 days. Raw cashew required is 1000 kgs per day. Output assumed at 25% of input) (In Kgs)	75000	75000	75000	75000	75000
Capacity utilisation %	70%	80%	90%	90%	90%
Production at capacity utilisation(In Kgs)	52500	60000	67500	67500	67500
A.Sales Cashew kernel (Rs.600/- per Kg average price)	315.00	360.00	405.00	405.00	405.00
B.Cost of Production					
Raw Materials(Raw Cashew 1000 kgs/day@Rs.100/ per Kg for 300 days)	210.00	240.00	270.00	270.00	270.00
Packing Materials at 2% of RM Cost	4.2	4.8	5.4	5.4	5.4
Fuel(at 2.5% of RM Cost)	5.25	6	6.75	6.75	6.75
Power & Utilities (6000 units @ Rs 8/- per unit at 100% capacity)	0.34	0.38	0.43	0.43	0.43
Wages & Salary - Fixed (As per assumption)	18.60	18.60	18.60	18.60	18.60
Wages - Variable(as per Assumption)	48.72	55.68	62.64	62.64	62.64
Repair & Maintenance at Rs.50000 p.m	6	6	6	6	6
Other expenses including insurance @1% of Sales	3.15	3.60	4.05	4.05	4.05
Cost of Production(B)	296.26	335.06	373.87	373.87	373.87
Gross Profit(A-B)	18.74	24.94	31.13	31.13	31.13
Depreciation 10% on Rs.16 lakhs	1.6	1.6	1.6	1.6	1.6
Interest	1.52	2.57	1.56	0.55	0
Cost of Sales	299.38	339.23	377.03	376.02	375.47
Net Profit	15.62	20.77	27.97	28.98	29.53
Tax@20%	3.12	4.15	5.59	5.80	5.91
Net Profit after tax	12.50	16.61	22.37	23.18	23.62
Cash Surplus	14.10	18.21	23.97	24.78	25.22

Annexure E
Projected Balance Sheet for Cashew processing Unit

Particulars		Year 1	Year 2	Year 3	Year 4
LIABILITIES					
Promoters Capital					
Promoter Capital		4.6	4.6	4.6	4.6
Profit from P & L A/c		12.50	29.11	51.48	74.66
MGP Grant					13.8
	Sub Total	17.1	33.71	56.08	93.06
Secured Loan					
Term Loan		36.8	27.6	18.4	0
	Sub Total	36.8	27.6	18.4	0
Unsecured Loan					
Current Liabilities					
TL instalments due in 1 Yr		4.6	9.2	9.2	4.6
Trade Creditors		0	0	0	0
	Sub Total	4.6	9.2	9.2	4.6
Total Liabilities		58.5	70.51	83.68	97.66
ASSETS					
Gross Fixed Assets Block					
		16	16	16	16
	Sub Total (a)	16	16	16	16
Depreciation					
Cum.Depreciation		1.6	3.2	4.8	6.4
	Sub Total (b)	1.6	3.2	4.8	6.4
Net Fixed Assets Block					
		14.4	12.8	11.2	9.6
Current Assets					
Raw Materials		7	8	9	9
Packing Materials		0.42	0.48	0.54	0.54
Work in progress		2.97	3.36	3.75	3.75
Finished Goods		6.93	7.83	8.74	8.74
Debtors		12.6	14.4	16.2	16.2
	Sub-Total	29.92	34.07	38.23	38.23
Other Current Assets					
Deposits & Inv		10.1	18.07	28.91	44.76
Cash at Bank		4.08	5.57	5.34	5.07
	Sub-Total	14.18	23.64	34.25	49.83
Total Assets		58.5	70.51	83.68	97.66

Annexure F
Interest Calculation

Date	Particulars	Debit	Credit	Balance	Interest*	Interest Per annum	Principal repayment P.A.
01.09.2021	To loan	4140000		4140000			
1	By repayment		0	4140000	25300.00		
2			0	4140000	25300.00		
3			0	4140000	25300.00		
4			0	4140000	25300.00		
5			0	4140000	25300.00		
6			0	4140000	25300.00	151800	0
7			76670	4063330	25300.00		
8			76670	3986660	24597.19		
9			76670	3909990	23894.38		
10			76670	3833320	23191.58		
11			76670	3756650	22488.77		
12			76670	3679980	21785.96		
13			76670	3603310	21083.15		
14			76670	3526640	20380.34		
15			76670	3449970	19677.53		
16			76670	3373300	18974.73		
17			76670	3296630	18271.92		
18			76670	3219960	17569.11	257215	920040
19			76670	3143290	16866.30		
20			76670	3066620	16163.49		
21			76670	2989950	15460.68		
22			76670	2913280	14757.88		
23			76670	2836610	14055.07		
24			76670	2759940	13352.26		
25			76670	2683270	12649.45		
26			76670	2606600	11946.64		
27			76670	2529930	11243.83		
28			76670	2453260	10541.03		
29			76670	2376590	9838.22		
30			76670	2299920	9135.41	156010	920040
31			76670	2223250	8432.60		
32			76670	2146580	7729.79		
33			76670	2069910	7026.98		
34			76670	1993240	6324.18		

35			76670	1916570	5621.37		
36			76670	1839900	4918.56		
37			76670	1763230	4215.75		
38			76670	1686560	3512.94		
39			76670	1609890	2810.13		
40			76670	1533220	2107.33		
41			76670	1456550	1404.52		
42			76550	1380000	701.71	54806	919920
43		Grant @30%	1380000	0	0.00		1380000
		4140000	4140000			619831	4140000

*Interest calculated on reducing balance outstanding.

*Interest assumed to be serviced every month on the due date.

Prepared by
S.Gopal Ratnam
Consultant – BPF
TNRTP.