

PROJECT REPORT-

M/s RAKSHANTH INDUSTRIES

FINANCIAL PROJECT REPORT

**#Murmandi (V), Near Rukmini Temple, Dharmapuri Taluka,
Patna, Bihar.**

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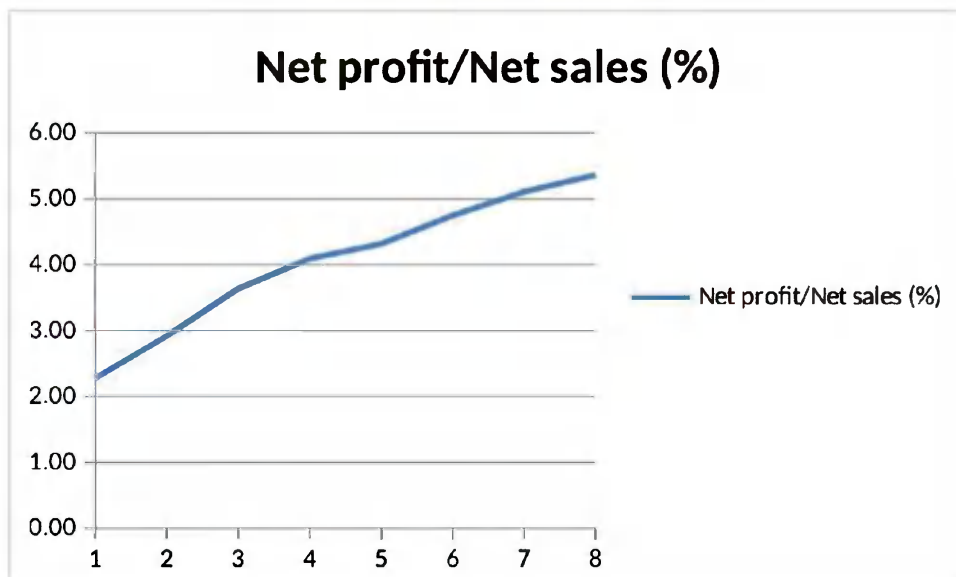
EXECUTIVE SUMMARY

1	Name of the Enterprise	M/s RAKSHANTH INDUSTIRES
2	Constitution	Proprietary Concern
3	Registered Addresses	Murmandi (V), Near Rukmini Temple, Dharmapuri Taluka, Patna Dist, Bihar.
	Unit	Do
4	Line of Activity	Mfg of PVC Pipes
5	Cost of Project	Rs 50.00 lacs
6	Name of the Proprietor	Mr Rakshanth Shinde
7	Scheme	PMEGP Under KVIC
	Present Request	Proposal for Fresh Term loan of Rs 36.00 lacs CC limit of Rs 9.00 lacs.
8	Means of Finance	
	Capital	Rs 5.00 lacs
	Term Loan	Rs 36.00 lacs
	Cash Credit	Rs 9.00 lacs
9	Subsidy	25% as per KVIC Policy Considered as Quasi-Equity (i.e. Rs 12.50 lacs as the unit is proposed to establish in Rural area)
10	Pay Back Period	80 Monthly Installments
9	Project Implementation Period	3 Months
10	Employment	14
11	Power Requirement	50 HP
12	Classification	MSME-Mfg

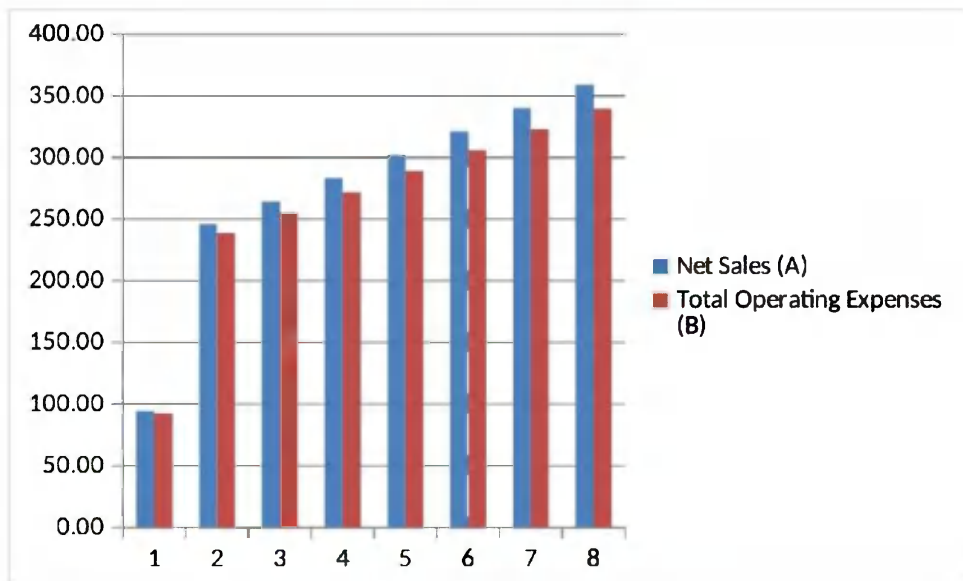
Project Feasibility Ratios

Performance/ Financial indicators	Estimations 31.03.23	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28	Projection 31.03.29
Net Sales	94.50	245.70	264.60	283.50	302.40	321.30	340.20
Other Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Profit before tax	2.15	7.17	9.62	11.61	13.06	15.26	17.38
Profit after tax	2.15	7.17	9.62	11.61	13.06	15.26	17.38
Depreciation	3.00	5.55	4.72	4.01	3.41	2.90	2.46
Cash generation	5.15	12.72	14.34	15.62	16.47	18.16	19.84
Paid up capital	17.50	19.65	26.83	30.45	33.06	37.12	40.38
Tangible Net Worth	19.65	26.83	30.45	33.06	37.12	40.38	45.76
Fixed Assets	37.00	31.45	26.73	22.72	19.31	16.42	13.95
Term Liabilities	33.75	28.35	22.95	17.55	12.15	6.75	1.35
Investments	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Current Assets	25.45	32.82	35.82	37.09	39.20	40.02	42.50
Current Liabilities	9.05	9.10	9.15	9.20	9.25	9.30	9.35
Current Ratio	2.81	3.61	3.91	4.03	4.24	4.30	4.55
TOL/TNW	2.18	1.40	1.05	0.81	0.58	0.40	0.23
Debt equity ratio	1.72	1.06	0.75	0.53	0.33	0.17	0.03
Interest Coverage ratio	3.43	7.94	12.10	14.36	12.26	20.68	52.88
Net profit/Net sales (%)	2.28	2.92	3.64	4.09	4.32	4.75	5.11

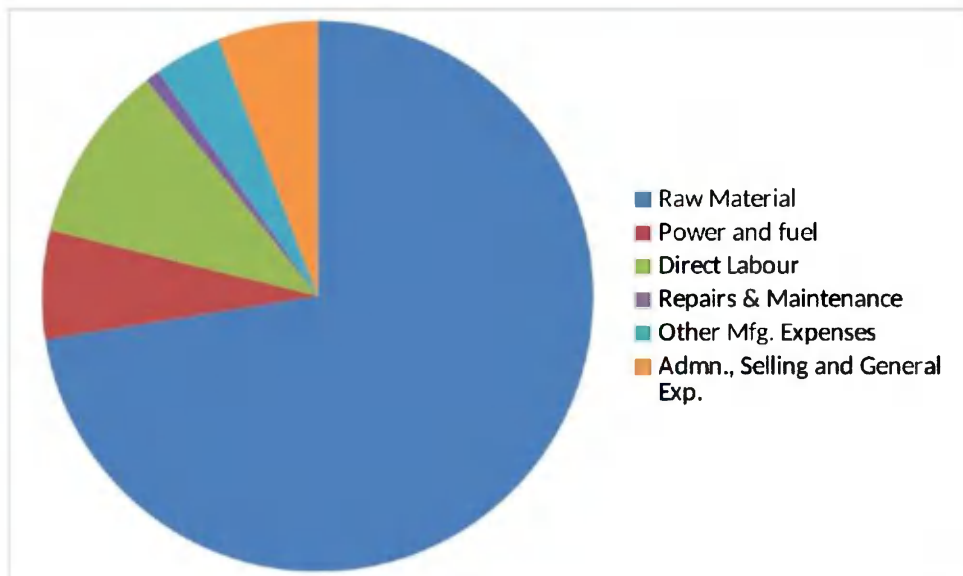
Net Profit Sales %



Revenue V/s Expenses



Expenses Spilt up



About the firm :

M/s Rakshanth Industires is a proprietary Concern established by **Mr Rakshanth Shinde** in June 2022 for undertaking Mfg of PVC pipes. The proposed unit is to be established at his Own premises at Murmandi (V), Near Rukmini Temple, Dharmapuri Taluka, Patna Dist, Bihar.. Proprietor of the firm belongs to business community and is having more than 10 years of experience in similar line of activity associating with various firms. The proprietor is having adequate experience for marketing the same. He has wide contacts in the surrounding area which helps him in securing orders. Now he wants to start his own business and applied to DTFC under PMEGP to establish this unit under KVIC Scheme with a total outlay of Rs 50.00 lacs. He is eligible for 25% Incentive Subsidy of Rs. 12.50 lacs from KVIC as the unit was proposed to be established in Rural area as the proprietor belongs to OBC Community. The firm proposed is to start their Commercial operations from Oct 22.

Eligibility of limits:

Term Loan:

The firm is eligible for TL Rs. 36.00 Lakhs for purchase of Machinery at a estimated cost of Rs. 40.00 lacs. The margin requirement is Rs. 5.00 lacs at 10% only under KVIC Incentive Subsidy scheme on total cost of project. The subsidy of 25% of total cost will be given after execution and completion of the project and will be kept as a Deposit with the branch for 3 years. It has to be adjusted to Loan account after completion of 3 years of production. The economics of working is worked out on conservative basis. All the estimated financial parameters are at satisfactory levels. TL of Rs. 36.00 lacs is proposed to repayable in 80 MI @ Rs. 0.45 lacs with 3 months holiday from 1st Disbursement.

Eligibility of Limits (CC):

The Firm has estimated turnover of Rs. 94.50 Lakhs for FY 2022-23 (5M) with 60% operating capacity and projected Rs. 245.70 Lakhs for the next year 2023-24(12M) with 65% operating capacity and 5% increase from thereon for fore coming years. The firm proposes to start its operations from Oct 2022. Sufficient Net Working capital is estimated in the system. The firm is eligible for CC limit of Rs 9.00 lacs under Inventory and Turnover Methods. Based on proprietor experience and demand for activity the estimations and projections are considered reasonable and the party is confident about achieving targets without any difficulty.

INTRODUCTION:

Polyvinyl-Chloride (PVC) is a plastic product which has matchless versatility. It effectively replaces wood, paper and metal in several applications. As such plastic pipes have been progressively replacing conventional pipes like G.I., Cast Iron, Asbestos Cement or Stone-ware for a number of important and uses. Among the various types of plastic pipes which are commonly used for such applications PVC pipes are the most widely used all over the world on account of their most favorable balance of properties. PVC pipes are light in weight, rates for use under pressure, easy to install, low frictional loss, low on maintenance cost, and have low frictional loss. Rigid PVC pipes have wide variety of uses in fields like city/town/rural water supply scheme, spray irrigation, deep tube well schemes and land drainage schemes.

Market Potential:

PVC pipes are used for a variety of purposes e.g. water supply schemes, spray irrigation, deep tube well schemes and land drainage schemes. PVC slotted and corrugated pipes are ideal systems for drainages of water from land where water logging is inevitable. It is widely used by various utility services now-a-days too. The major consumer of PVC pipes are the Public Health Engineering Department (PHED) and Irrigation Departments. Besides these two, it is used by the Municipal Corporations, Tea estates as well as in N.E. Region. The usage of PVC pipes also depends upon the size of these pipes too. It is manufactured in different sizes having innumerable usage value.

The World Bank has recently given top priority in rural water supply in developing and under-developed countries. India has also received large amounts from World Bank aid for Rural Water Supply Schemes. However, due to the acute shortage of appliances including pipes this money could not be utilized to a large extent in our country. Thus PVC/HDPE pipe manufacturing industry has received higher priority. The requirement of PVC pipes in N.E. Region is around 10,000 MT out of which the requirement in Assam is more than 50% followed by Tripura and other five states of N.E. Region. At present there exist around 5 PVC pipes manufacturing units in the region.

LOCATION AND ADVANTAGES:

LAND: The proposed location of the Unit is situated at Patna Dist. The location of the industry has considerable influence on the techno-economical facility of the project. There are various factors contributing to the functioning of an industry and following are the primary factors taken into consideration.

REASONS FOR THE SELECTION OF THE SITE:

1. Availability of labor at economically rate.
2. Adequate supply of electricity power.
3. Adequate supply of water throughout the year.
4. The site is well connected with road facility.
5. Banking facilities and Government supports.
6. Adequate Transport facilities for economical transportation of finished product and Spare parts.
7. Nearness to the Market.
8. As the area is developing area, the setting up of a unit in this will help the people to progress both socially and economically. There are several Engineering Colleges around the proposed unit.

INFRASTRUCTURE AND EQUIPMENT

PLANT & MACHINERY:

Rs in lacs

The proprietor proposes to purchase the following equipment

Item	Qty/ Tons	Rate	Amount
ZLF 300 Feeder for PVC Pipes Manufacturing	1	2200000	22.00
Vaccum Calibration Tank	1	300000	3.00
Haul Off Machine for PVC Pipes	1	200000	2.00
PVC Pipe Stracker	1	1130000	11.30
Fuel Storage Tank	1	90000	0.90
Air Compressor	1	30000	0.30
Extrusion Moulds	2	25000	0.50
TOTAL			40.00

RAW MATERIAL, MAN POWER AND UTILITIES:

RAW MATERIAL AVAILABILITY AND PROJECT LOCATION:

The main raw material required is compounded PVC resin. Presently both PVC & Polyethylene plastics raw materials are indigenously manufactured. Other compounding materials like plasticizers, stabilizers, lubricants and fillers are also manufactured in India. No problem is envisaged for procurement of PVC resin and the other required compounding materials are available locally.

MANUFACTURING PROCESS:

The various process steps involved in the manufacture of rigid PVC pipes are as follows:

- Extrusion
- Sizing
- Traction
- Cutting

Extrusion: PVC uncompounded resin, unlike some other thermoplastics is not suitable for direct processing. To confer the required processing and end instability, it is necessary to mix additives to the PVC resin. Following are some of the additives which are generally used for the manufacture of rigid PVC pipes.

Plasticizers: The common plasticizer in use are DOP, DIOP, DBP, DOA, DEP, Reoplast, Paraplex etc.

Stabilizers: The common stabilizers are lead, barium, cadmium, tib, stearate etc.

Lubricants: Widely used lubricants are Buty-Stearate, Glycerol Moni-Stearate, Epoxidised Monoester of oleic acid, stearic acid etc.

Fillers: Fillers are also used for producing special quality product (e.g. calcined clay is used to improve the electrical properties of cable compounds).

Before the extrusion operation PVC resin is to be compounded with plasticizers, stabilizers, lubricants and fillers to improve processibility and improve the endure stability. PVC resin is compounded with other ingredients in a high speed mixer. The compound resin is fed to the double screw extruder where the inserts and die body for the required pipe diameter are fitted. The PVC compounds are then passed through a heated chamber and they get melted under the compression of the screw and temperature of the barrel. The marking on the pipe is done at the time of extrusion.

Sizing: The pipes coming out from the extruder is cooled in the sizing operation. There are basically two types of sizing used for manufacturing of pipes. They are (i) Pressure sizing & (ii) Vacuum sizing.

Traction: The next operation needed after sizing is traction. The tube traction unit is required for continuous haulage of the pipes being extruded by the extruder.

Cutting: The last operation needed is cutting. There are basically two cutting techniques for rigid PVC pipes viz. manual and automatic. The pipes are then tented for ISI marks and are ready for dispatching.

MAN POWER:

The required skilled and un-skilled manpower is readily available. The estimated manpower for the project is given as under

	Nos
Skilled Labour	4
Unskilled labour	10

WATER: for Drinking Purpose only.

EFFLUENTS AND POLLUTIONS:

No chemical harmful effluents will be generated from the unit. And also does not effect the environment pollution, hence not a polluting industry.

SWOT ANALYSIS

STRENGTHS:

- Proprietor is having good experience in this industry for more than 5 Years.

WEAKNESS:

- Low profit margins due to high level competition.
- Competition from local Units.

APPROVALS AND LICENCES :

The firm has applied all the necessary approvals

Estimated Time Schedule for implementation:

Activity	Scheduled date of completion
Land	Own
Work Shed	Own
Procurement of proposed Equipment	July/Aug 2022
Installation & Commissioning	Sep 2022
COD	Oct 2022

FINANCIALS

All Figures are in Lakhs

COST OF THE PROJECT

Particulars	Amount
Work Shed	Own
Equipment	40.00
Working Capital	10.00
TOTAL	50.00

DETAILS OF EQUIPMENT:

Item	Qty/ Tons	Rate	Amount
ZLF 300 Feeder for PVC Pipes Manufacturing	1	2200000	22.00
Vaccum Calibration Tank	1	300000	3.00
Haul Off Machine for PVC Pipes	1	200000	2.00
PVC Pipe Stracker	1	1130000	11.30
Fuel Storage Tank	1	90000	0.90
Air Compressor	1	30000	0.30
Extrusion Moulds	2	25000	0.50
TOTAL			40.00

MEANS OF FINANCE:

Particulars	Amount
Capital	5.00
TL from Bank	36.00
CC from Bank	9.00
TOTAL	50.00

Note :

The Incentive Subsidy to be received from KVIC at 25% of COP i.e., Rs., 12.50 lacs is treated as Quasi Equity.

TERM LOAN ELIGIBILITY :

Item	Amount	Margin%	Amount	Eligibility
Equipment (Term Loan)	40.00	10%	4.00	36.00
Material (CC)	10.00	10%	1.00	9.00
Total	50.00		5.00	45.00

The margin on the TL as per KVIC scheme is 10% only. They give Incentive subsidy at 25% on project cost of 50.00 lacs amounting to Rs. 12.50 lacs. The amount received will be kept in Deposit with us and will be adjusted after completion of 3 Years of production. This subsidy amount can be treated as Quasi - Equity.

PROJECTED OPERATING STATEMENTS

Rs in lacs

Particulars	Estimations	Projection	Projection	Projection	Projection	Projection	Projection	Projection
Year Ended --->	31.03.23	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28	31.03.29	31.03.30
Operating Capacity	60%	65%	70%	75%	80%	85%	90%	95%
	6M							
Operating Income								
Gross Sales	94.50	245.70	264.60	283.50	302.40	321.30	340.20	359.10
Less : Excise								
Net Sales (A)	94.50	245.70	264.60	283.50	302.40	321.30	340.20	359.10
Operating Expenses								
Raw Material	69.74	178.22	192.47	206.21	219.96	233.71	247.46	261.20
Imported								
Indigenous	69.74	178.22	192.47	206.21	219.96	233.71	247.46	261.20
Stores and Spares	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Imported								
Indigenous								
Power and fuel	6.15	16.00	17.23	18.46	19.69	20.93	22.16	23.39
Direct Labour	10.08	10.92	11.76	12.60	13.44	14.28	15.12	15.96
Repairs & Maintenance	0.80	0.84	0.88	0.93	0.97	1.02	1.07	1.13
Other Mfg. Expenses	3.78	9.83	10.58	11.34	12.10	12.85	13.61	14.36
Job Work Charges								
Depreciation	3.00	5.5	4.7	4.0	3.4	2.9	2.4	2.0
		5	2	1	1	0	6	9
TOTAL	93.55	221.36	237.64	253.55	269.57	285.68	301.87	318.13
Sub Total	93.55	221.36	237.64	253.55	269.57	285.68	301.87	318.13
Less: Cl.Stock of WIP								
Cost of Production	93.55	221.36	237.64	253.55	269.57	285.68	301.87	318.13
Add: Op.Stock of Finished Goods	0.00	9.36	9.61	10.30	10.99	11.69	12.39	13.09
Sub Total	93.55	230.71	247.25	263.85	280.57	297.37	314.26	331.23
Less: Cl.Stock of Finished Goods	9.36	9.61	10.30	10.99	11.69	12.39	13.09	13.80
Admn., Selling and General Exp.	5.67	14.74	15.88	17.01	18.14	19.28	20.41	21.55
Interest on TL	2.12	1.83	1.29	1.17	1.46	0.92	0.38	0.01
Interest on Working capital	0.36	0.86	0.86	0.86	0.86	0.86	0.86	0.86
Proprietor Salary								
Total Operating Expenses (B)	92.35	238.53	254.98	271.89	289.34	306.04	322.82	339.84
Operating Income (A -B)	2.15	7.17	9.62	11.61	13.06	15.26	17.38	19.26
Add: Non Operating Income								
Profit Before Tax	2.15	7.17	9.62	11.61	13.06	15.26	17.38	19.26
Provision for tax								
Profit After Tax	2.15	7.17	9.62	11.61	13.06	15.26	17.38	19.26
Drawings			6.00	9.00	9.00	12.00	12.00	18.00
Retained Earning	2.15	7.17	3.62	2.61	4.06	3.26	5.38	1.26

PROJECTED BALANCE SHEETS:

Rs in lacs

TOTAL LIABILITIES:

Particulars	Estimations 31.03.23	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28
LIABILITIES						
Capital	5.00	7.15	14.33	17.95	20.56	24.62
Subsidy	12.50	12.50	12.50	12.50	12.50	12.50
Surplus/Deficit in P & L a/c	2.15	7.17	3.62	2.61	4.06	3.26
Shareholders' Fund	19.65	26.83	30.45	33.06	37.12	40.38
Term loan from banks/FI	33.75	28.35	22.95	17.55	12.15	6.75
Vehicle Loan						
Total Term Liabilities	33.75	28.35	22.95	17.55	12.15	6.75
Current Liabilities						
Short term borrowings from bank (incl.WCDL)	9.00	9.00	9.00	9.00	9.00	9.00
Sundry Creditors for expenses	0.05	0.10	0.15	0.20	0.25	0.30
Progress payments from customers						
Unsecured Borrowings from others Creditors from Others						
Total Current Liabilities	9.05	9.10	9.15	9.20	9.25	9.30
Total Liabilities	62.45	64.28	62.55	59.81	58.52	56.43

TOTAL ASSESTS:

PARTICULARS	Estimations	Projectio	Projection	Projection	Projection	Projection
	31.03.23	n 31.03.24	31.03.25	31.03.26	31.03.27	31.03.28
Current Assets						
Cash and bank Balances	0.76	0.47	1.99	1.78	2.31	0.85
Fixed Deposits with Banks	12.50	12.50	12.50	12.50		
Quoted Investments						
Receivables						
Outstanding below 6 months	2.84	10.24	11.03	11.81	25.20	26.78
Inventory						
Raw material - Indigenous						
Work- in -Process	0.00	0.00	0.00	0.00	0.00	0.00
Finished Goods	9.36	9.61	10.30	10.99	11.69	12.39
Other Current Assets						
Total Current Assets	25.45	32.82	35.82	37.09	39.20	40.02
Gross Block (Less Revaluation)	40.00	40.00	40.00	40.00	40.00	40.00
Less: Depreciation	3.00	8.55	13.27	17.28	20.69	23.58
Add: Capital Work in Progress						
Net Fixed Assets	37.00	31.45	26.73	22.72	19.31	16.42
Non Current Assets						
Total Non Current Assets (F)	0.00	0.00	0.00	0.00	0.00	0.00
Intangible Assets						
Total Intangible Assets	0.00	0.00	0.00	0.00	0.00	0.00
Total Assets	62.45	64.27	62.55	59.81	58.51	56.43

ANALYTICAL & COMPARATIVE RATIOS:

Analytical & Comparative Ratios	Estimations 31.03.23	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28
Tangible Net Worth	19.65	26.83	30.45	33.06	37.12	40.38
Sales (Net of excise duty)	94.50	245.70	264.60	283.50	302.40	321.30
of which a) Domestic	94.50	245.70	264.60	283.50	302.40	321.30
b) Exports	0.00	1.00	2.00	3.00	4.00	5.00
Net Other Income	0.00	0.00	0.00	0.00	0.00	0.00
Net Profit/Loss prior to taxation but after depreciation	2.15	7.17	9.62	11.61	13.06	15.26
Net Profit after taxation	2.15	7.17	9.62	11.61	13.06	15.26
Depreciation provided for	3.00	5.55	4.72	4.01	3.41	2.90
Cash Generation	5.15	12.72	14.34	15.62	16.47	18.16
Working Capital Gap	25.40	32.72	35.67	36.89	38.95	39.72
Required Net Working Capital @13%	3.31	4.27	4.66	4.82	5.10	5.20
Excess Borrowing @ 13% NWC	0.00	0.00	0.00	0.00	0.00	0.00
Net Profit(Loss)/Net Sales %	2.28	2.92	3.64	4.09	4.32	4.75
Net Sales/Net Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00
Total Outside Liability/Tangible Net Worth	2.18	1.40	1.05	0.81	0.58	0.40
Debt Equity Ratio	1.72	1.06	0.75	0.53	0.33	0.17
Current Ratio	2.81	3.61	3.91	4.03	4.24	4.30
Stock of finished goods in terms of no.of months of cost of sales	0.00	0.52	0.52	0.52	0.52	0.52
Sundry Debtors in terms of no. of Months Sales (Gross)	0.00	0.50	0.50	0.50	1.00	1.00

FUNDS FLOW STATEMENT:

Rs in lacs

	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28	Projection 31.03.29	Projection 31.03.30
Long term Sources							
Retained Profit							
Add: Depreciation	5.55	4.72	4.01	3.41	2.90	2.46	2.09
Increase in capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in term liability	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in Non-current assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	12.72	8.34	6.62	7.47	6.16	7.84	3.36
Short Term Sources							
Increase in bank finance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in creditors	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in other current liabilities	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Decrease in inventory	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in receivables	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.34	0.05	0.26	12.02	1.51	0.05	0.27
Total Sources	13.06	8.39	6.88	19.49	7.67	7.89	3.63
Long Term Uses							
Decrease in capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in Fixed assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in Non current assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in term liabilities	5.40	5.40	5.40	5.40	5.40	5.40	1.35
Total	5.40	5.40	5.40	5.40	5.40	5.40	1.35
Short term uses							
Decrease in bank finance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in creditors	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in other current liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in inventory	0.26	0.69	0.69	0.70	0.70	0.70	0.71
Increase in other current assets	0.00	1.52	0.00	0.00	0.00	0.21	0.00
Total	7.66	3.00	1.48	14.08	2.28	2.49	2.28
Total Uses	13.06	8.40	6.88	19.48	7.68	7.89	3.63

CASH FLOW STATEMENT :

Rs in lacs

Year Ended ->	Estimations 31.03.23	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28
Sources of Funds						
Increase in equity	0.00	0.00	0.00	0.00	0.00	0.00
Long Term Loans	0.00	0.00	0.00	0.00	0.00	0.00
Bank borrowings	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in Current Assets	0.00	0.00	0.00	0.00	0.00	0.00
Increase in other Current Liabilities	0.00	0.05	0.05	0.05	0.05	0.05
Decrease in other Current assets	0.00	0.29	0.00	0.21	11.97	1.46
Total (A)	0.00	13.06	8.39	6.88	19.49	7.67
Application of Funds						
Capital Expenditure-normal	0.00	0.00	0.00	0.00	0.00	0.00
Capital work-in-progress						
Decrease in Term Loans	0.00	5.40	5.40	5.40	5.40	5.40
Decrease in Current Liabilities	0.00	0.00	0.00	0.00	0.00	0.00
Increase in Non Current assets	0.00	0.00	0.00	0.00	0.00	0.00
Preliminary Expenses	0.00	0.00	0.00	0.00	0.00	0.00
Total (B)	-0.76	13.35	6.88	7.09	18.95	9.14
Opening Cash Balance	0.00	0.76	0.47	1.99	1.78	2.31
Surplus/Deficit (A-B)	0.76	-0.29	1.52	-0.21	0.54	-1.47

WORKING CAPITAL ELIGIBILITY:

Rs in lacs

The Working capital eligibility has been worked out to Rs 9.00 lacs under Turnover and Inventory Methods. Sufficient NWC is estimated in the system

TURNOVER METHOD:

Rs in lacs

Particulars	Estimations	Projection	Projection	Projection	Projection	Projection	Projection
	31.03.23	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28	31.03.29
Turnover	94.50	245.70	264.60	283.50	302.40	321.30	340.20
25%	23.63	61.43	66.15	70.88	75.60	80.33	85.05
20 %	18.90	49.14	52.92	56.70	60.48	64.26	68.04
Margin Required	4.73	12.29	13.23	14.18	15.12	16.07	17.01
Actual Margin	16.40	23.72	26.67	27.89	29.95	30.72	33.15
Surplus	11.68	11.44	13.44	13.71	14.83	14.65	16.14
Deficit	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eligible Maximum Bank Finance	7.22	37.70	39.48	42.99	45.65	49.61	51.90
I. Actual Bank Borrowings	9.00	9.00	9.00	9.00	9.00	9.00	9.00

INVENTORY METHOD:

Rs in lacs

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PARTICULARS	Estimations 31.03.23	Projection 31.03.24	Projection 31.03.25	Projection 31.03.26	Projection 31.03.27	Projection 31.03.28	Projection 31.03.29
Position of current assets							
Raw materials							
- Domestic	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stock in process	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(Months cost of prod)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(Months cost of Sales)	0.00	0.52	0.52	0.52	0.52	0.52	0.52
Receivables -							
(months sales)	0.00	0.50	0.50	0.50	1.00	1.00	1.00
Other Current Assets	13.26	12.97	14.49	14.28	2.31	0.85	1.06
Total	25.45	32.82	35.82	37.09	39.20	40.02	42.50
Position of Current Liabilities other than Bank Borrowings							
Creditors for purchase of RM, stores/spares	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(months purchases)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adv. from Customers	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Statutory liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other current liabilities	0.05	0.10	0.15	0.20	0.25	0.30	0.35
Total	0.05	0.10	0.15	0.20	0.25	0.30	0.35
Minimum stipulated	3.31	4.27	4.66	4.82	5.10	5.20	5.53
NWC							
Actual/Projected NWC	16.40	23.72	26.67	27.89	29.95	30.72	33.15
Item C Minus Item D	22.09	28.45	31.01	32.07	33.85	34.51	36.63
Item C Minus Item E	9.00	9.00	9.00	9.00	9.00	9.00	9.00

BUILD UP OF NET WORKING CAPITAL :

Rs in lacs

PARTICULARS	Projection	Projection	Projection	Projection	Projection	Projection	Projection
	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28	31.03.29	31.03.30
ADD: Retained Profit for the year (Net Profit after tax and dividend)	7.17	3.62	2.61	4.06	3.26	5.38	1.26
Depreciation	5.55	4.72	4.01	3.41	2.90	2.46	2.09
Additional Long Term Funds:							
Increase in Capital/Share Appn Money	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Increase in Deposits							
Increase in Term Loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUB TOTAL	29.12	32.06	33.28	35.36	36.11	38.56	36.51
LESS: Long Term Uses:							
Reduction in Deposits							
Increase in Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Decrease in capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUB TOTAL	5.40	5.40	5.40	5.40	5.40	5.40	1.35

Depriciation:

Rs in lacs

**Equipment &
Machinery** -

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Cost / WDV	40.00	37.00	31.45	26.73	22.72	19.31	16.42	13.95
Addition								
Less: Depn.	3.00	5.55	4.72	4.01	3.41	2.90	2.46	2.09
WDV	37.00	31.45	26.73	22.72	19.31	16.42	13.95	11.86

TOTAL COMMITMENT:

Rs in lacs

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
Interest on TL	2.12	1.83	1.29	1.17	1.46	0.92	0.38	0.01	9.20
TL Repaymment	2.25	5.40	5.40	5.40	5.40	5.40	5.40	1.35	36.00
Total	4.37	7.23	6.69	6.57	6.86	6.32	5.78	1.36	45.20

ASSUMPTIONS:

Rs in lacs

Installed Capacity :

PVC Pipes 90 MM	0.75	MT/Per Day
No of Hours in a day	8	Hours
Production per annum- 300 days	225	MT
Weight per Running Meter in KGS	1000	KGS
Production in Length (in Meters)	225000	Mtrs
Sale price	100	Rs per Mtrs
Sales per annum	22500000	Rs/annum
Sales per annum	225.00	Rs in lacs

PVC Pipes 110 MM	0.75	MT/Per Day
No of Hours in a day	8	Hours
Production per annum- 300 days	225	MT
Weight per Running Meter in KGS	680	KGS
Production in Length (in Meters)	153000	Mtrs
Sale price	100	Rs per Mtrs
Sales per annum	15300000	Rs/annum
Sales per annum	153.00	Rs in lacs

Total Sales per annum (A+B) at 100% **378.00** **Rs in lacs**

Particulars	31.03.23	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28
	5M					
Operating Capacity	60%	65%	70%	75%	80%	85%
Sales	94.50	245.70	264.60	283.50	302.40	321.30
Total Sales	94.50	245.70	264.60	283.50	302.40	321.30

EXPENSES :

PVC Resin	37.50	MT/Per Month
Requirment per annum- 300 days	300	MT/Per Annum
Purchase price	75000	Rs/Per MT
Cost per annum	22500000	Rs/annum
Cost per annum	225.00	Rs in lacs

Liquid Dioctyl Phthalate	675	KGS/Per Month
Requirment per annum- 300 days	8100	KGS/Per Annum
Purchase price	130	Rs/Per KG
Cost per annum	1053000	Rs/annum
Cost per annum	10.53	Rs in lacs

Stablizers	900	KGS/Per Month
Requirment per annum- 300 days	10800	KGS/Per Annum
Purchase price	100	Rs/Per KG
Cost per annum	1080000	Rs/annum
Cost per annum	10.80	Rs in lacs

Processing Acids	450	KGS/Per Month
Requirment per annum- 300 days	5400	KGS/Per Annum
Purchase price	240	Rs/Per KG
Cost per annum	1296000	Rs/annum
Cost per annum	12.96	Rs in lacs

Fillers	2900	KGS/Per Month
Requirment per annum- 300 days	34800	KGS/Per Annum
Purchase price	45	Rs/Per KG
Cost per annum	1566000	Rs/annum
Cost per annum	15.66	Rs in lacs

Total Production Cost	274.95	Rs in lacs
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Particulars	31.03.23	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28
	5M					
Operating Capacity	60%	65%	70%	75%	80%	85%
Cost of Raw Materials	68.74	178.72	192.47	206.21	219.96	233.71

Power	50	HP
Power Requirement	223800	Units p.a
Unit price	11.00	Rs /Unit
Total Power	2461800	Rs p.a
	24.62	Rs in lacs p.a

	31.03.23	31.03.24	31.03.25	31.03.26	31.03.27	31.03.28
	5M					
	60%	65%	70%	75%	80%	85%
Power	6.15	16.00	17.23	18.46	19.69	20.93

Skilled- 4 @ 15000	60000
Unskilled 10 @ 8000	80000
Total	140000
	16.80

p.m
Rs in
lacs/annum

5 % increase every year

	2021	2022	2023	2024	2025	2026
labour charges	10.08	10.92	11.76	12.60	13.44	14.28
Repairs & Maintenance	0.80	0.84	0.88	0.93	0.97	1.02
Transport Expenses	3.78	9.83	10.58	11.34	12.10	12.85
Selling Expenses	5.67	14.74	15.88	17.01	18.14	19.28

TERM LOAN REPAYMENT SCHEDULE:

The firm is eligible for TL Rs. 36.00 Lakhs for purchase of Machinery at a estimated cost of Rs. 40.00 lacs. The margin requirement is Rs. 5.00 lacs at 10% only under KVIC Incentive Subsidy scheme on total cost of project. The subsidy of 25% of total cost will be given after execution and completion of the project and will be kept as a Deposit with the branch for 3 years. It has to be adjusted to Loan account after completion of 3 years of production. The economics of working is worked out on conservative basis. All the estimated financial parameters are at satisfactory levels. TL of Rs. 36.00 lacs is proposed to repayable in 80 MI @ Rs. 0.45 lacs with 3 months holiday from 1st Disbursement.

TERM LOAN REPAYMENT SCHEDULE

Rs in lacs

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Principal	36.00	33.75	28.35	22.95	17.55	12.15	6.75	1.35
Less:								
Repayment	2.25	5.40	5.40	5.40	5.40	5.40	5.40	1.35
Balance TL	33.75	28.35	22.95	17.55	12.15	6.75	1.35	(0.00)
Principal	36.00	33.75	28.35	22.95	17.55	12.15	6.75	1.35
Repayment								
April		0.45	0.45	0.45	0.45	0.45	0.45	0.45
May		0.45	0.45	0.45	0.45	0.45	0.45	0.45
Jun		0.45	0.45	0.45	0.45	0.45	0.45	0.45
July		0.45	0.45	0.45	0.45	0.45	0.45	
August		0.45	0.45	0.45	0.45	0.45	0.45	
September		0.45	0.45	0.45	0.45	0.45	0.45	
October		0.45	0.45	0.45	0.45	0.45	0.45	
November	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
December	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
January	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
February	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
March	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
	2.25	5.40	5.40	5.40	5.40	5.40	5.40	1.35
Balance	36.00	28.35	22.95	17.55	12.15	6.75	1.35	(0.00)

Balance at the end of each Month :

Rs in lacs

Particulars	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
April		33.30	27.90	22.50	17.10	11.70	6.30	0.90
May	-	32.85	27.45	22.05	16.65	11.25	5.85	0.45
Jun		32.40	27.00	21.60	16.20	10.80	5.40	(0.00)
July	36.00	31.95	26.55	21.15	15.75	10.35	4.95	(0.00)
August	36.00	31.50	26.10	20.70	15.30	9.90	4.50	(0.00)
September	36.00	31.05	25.65	20.25	14.85	9.45	4.05	(0.00)
October	36.00	30.60	25.20	19.80	14.40	9.00	3.60	(0.00)
November	35.55	30.15	24.75	19.35	13.95	8.55	3.15	(0.00)
December	35.10	29.70	24.30	18.90	13.50	8.10	2.70	(0.00)
January	34.65	29.25	23.85	18.45	13.05	7.65	2.25	(0.00)
February	34.20	28.80	23.40	18.00	12.60	7.20	1.80	(0.00)
March	33.75	28.35	22.95	17.55	12.15	6.75	1.35	(0.00)

INTEREST SCHEDULE (Rate of Interest assumed at 10.00%)

INTEREST	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
April	-	0.17	0.13	0.08	0.14	0.10	0.05	0.01
May	-	0.17	0.12	0.08	0.14	0.09	0.05	0.00
Jun	-	0.17	0.12	0.08	0.14	0.09	0.04	(0.00)
July	0.30	0.16	0.12	0.07	0.13	0.09	0.04	(0.00)
August	0.30	0.16	0.11	0.07	0.13	0.08	0.04	(0.00)
September	0.30	0.15	0.11	0.06	0.12	0.08	0.03	(0.00)
October	0.30	0.15	0.11	0.06	0.12	0.08	0.03	(0.00)
November	0.19	0.15	0.10	0.06	0.12	0.07	0.03	(0.00)
December	0.19	0.14	0.10	0.16	0.11	0.07	0.02	(0.00)
January	0.18	0.14	0.09	0.15	0.11	0.06	0.02	(0.00)
February	0.18	0.14	0.09	0.15	0.11	0.06	0.01	(0.00)
March	0.18	0.13	0.09	0.15	0.10	0.06	0.01	(0.00)
Total	2.12	1.83	1.29	1.17	1.46	0.92	0.38	0.01

DSCR : NORMAL

Rs in lacs

	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	Total
Net Profit	2.15	7.17	9.62	11.61	13.06	15.26	17.38	19.26	95.52
Depreciation	3.00	5.55	4.72	4.01	3.41	2.90	2.46	2.09	28.14
Interest on TL	2.12	1.83	1.29	1.17	1.46	0.92	0.38	0.01	9.20
(A)	7.28	14.55	15.63	16.78	17.93	19.08	20.23	21.37	132.86
Principal	2.25	5.40	5.40	5.40	5.40	5.40	5.40	1.35	36.00
Interest	2.12	1.83	1.29	1.17	1.46	0.92	0.38	0.01	9.20
(B)	4.37	7.23	6.69	6.57	6.86	6.32	5.78	1.36	45.20
DSCR (A/B)	1.66	2.01	2.34	2.56	2.61	3.02	3.50	15.70	2.94