M/S. MEENA ELASTOMERS PVT. LTD.

OFFICE ADDRESS

Plot No. A-37, MIDC Sinner, Dist. Nashik, Maharashtra.

FACTORY ADDRESS

Proposed Plot No. K-08, MIDC Malegaon, Sinner, Dist. Nashik, Maharashtra.

DIRECTOR'S NAME

Amod Yeshwant Ketkar Meena Yeshwant Ketkar Aditi Amod Ketkar

NATURE OF BUSINESS

Mfg. of Engineering Turned Components

Detailed Project Report PREPARED & COMPILED BY:-MEHTA NAVIWALA & COMPANY CHARTERED ACCOUNTANTS Pune | Latur | Nanded | Aurangabad

> www.mnca.in E-mail:-industry@mnca.in

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EXECUTIVE SUMMARY

1. Name of the concern	M/s. Meena Elastomers Pvt.Ltd.							
2. Constitution	Private Limited							
3. Status	Small Scale Indust	ries.						
4. Office Address	Plot No. A-37, MI	DC Sinner	r, Dist. Na	ishik, Mał	narashtra.			
5. Name of the Director's	1. Amod Yeshwan	t Ketkar						
	2. Meena Yeshwar	nt Ketkar						
	3. Aditi Amod K	3. Aditi Amod Ketkar						
6. Activity	Manufacture of En	gineering	Turned C	component	ts			
7. Products	Turned component	t Parts						
8. Plot Area	Proposed at Plot No. K-08 at MIDC Malegaon Sinner, Nashik,							
	admeasuring of 1365 square meter							
9. New Project/Expansions	Expansion							
	Particulars	Exis	sting	Expansi	ion	Total		
10. Total Project Cost	Land & Land		1.23	18	3.70	19.93		
	Building		1 79	1/2	2 2 2	145 11		
			143	5.55	145.11			
	Plant &	Plant & 105.85		235	5.55	341.40		
	Machinery							
	Utilities		01.22	03	3.55	04.77		
	Furniture		00.50	10	0.00	10.50		
	Electrical	01.00		25	5.00	26.00		
	Installations							
	Pre-op. Expenses		00.24	05.50		05.74		
	Working Capital		15.00	50	0.50	65.50		
	Total		126.82	492	2.13	618.95		
11. Means of Finance	Particulars	Existing		Expansi	on	(Rs.		
		%	Rs.	%	Rs.	Lakhs)		
	Capital	25.00	31.81	10.16	50.00	81.81		
	Term Loan from Bank	74.92	95.01	89.84	442.13	537.14		
	Total	100.00	126.82	100.00	492.13	618.95		
Technical Know how	Indigenous		1					

A. INTRODUCTION:

Turning is a machining process in which a cutting tool, typically a non-rotary tool bit, describes a helix toolpath by moving more or less linearly while the workpiece rotates.

Usually the term "turning" is reserved for the generation of external surfaces by this cutting action, whereas this same essential cutting action, when applied to internal surfaces, is called "boring". Thus the phrase "turning and boring" categorizes the larger family of processes known as lathing. The cutting of faces on the workpiece, whether with a turning or boring tool, is called "facing", and maybe lumped into either category as a subset. Turning can be done manually, with a conventional lathe that often requires continuous operator supervision, or with an automated lathe that does not. Today the most common type of this automation is computer numerical control, better known as CNC. When turning, the workpiece (e.g., wood, metal, plastic, or stone) is rotated and a cutting tool is moved in 1, 2 or 3 axes of motion in order to create precise diameters and depths. Turning can be done either on the outside of the cylinder or on the inside (also known as drilling) to produce tubular components with various geometries. Although quite rare today, early lathes could even be used to make complex geometric figures, even the Platonic solids; although since the advent of the CNC it has become uncommon to use non-computerized toolpath control for this purpose.

The turning processes are typically carried out on a lathe, which is considered to be the oldest of the machine tools and can be of various types, such as straight turning, taper turning, profiling, or external grooving. With this turning process, different material shapes such as straight, conical, curved, or grooved workpieces can be produced. When turning, simple single-point cutting is generally used. Each group of workpiece materials has an optimal set of tool angles that have been developed over the years. Turning is a form of machining, a material removal process, which is used to create rotational parts by cutting away unwanted material. The turning process requires a turning machine or lathe, workpiece, fixture, and cutting tool.

The workpiece is a piece of pre-shaped material that is secured to the fixture, which itself is attached to the turning machine, and allowed to rotate at high speeds. The cutter is typically a single-point cutting tool that is also secured in the machine, although some operations make use of multi-point tools.

B. DIRECTOR'S PROFILE:

Name in Full: Mr. Amod Yeshwant Ketkar

DIN No. 02706840

Education and Experience: Mr. Amod Yeshwant Ketkar, has completed his education in engineering field and having several years of experience in the chosen line of activity, he is enjoying good reputation in the market due to which he is confident of getting maximum business in the chosen line of activity.

Name in Full: Meena Yeshant Ketkar

DIN No. 02706852

Education and Experience: Ms. Meena Yeshwant Ketkar, has completed her education in engineering field and having several years of experience in the chosen line of activity, she is enjoying good reputation in the market due to which she is confident of getting maximum business in the chosen line of activity.

Name in Full: Aditi Amod Ketkar

DIN No. 09752132

Education and Experience: Ms. Aditi Amod Ketkar, has completed her education in engineering field and having several years of experience in the chosen line of activity, she is enjoying good reputation in the market due to which she is confident of getting maximum business in the chosen line of activity.

C. CONSTITUTION OF BUSINESS : Private Limited

D. REGISTERATION DETAILS : 1

: U36998MH2009PTC197419

E. UNIT REGISTERATION NUMBER : 197419

F: EXISTING BUSINESS OF THE FIRM AND DETAILS THEROF:

The existing unit is located at A-37, MIDC, Sinner, Nashik. The proposed plot is in MIDC Malegaon, Sinner, Nashik .The necessary facilities such as Raw Material,

Electricity, Water & Labour are easily available at site to the entrepreneur. The Raw material is available in ample quantity from Karnataka and Gujarat.

G.LOCATION AND ITS SELECTION:

The unit shall be situated at Maharashtra Industrial Development Corporation (MIDC) At proposed plot no K-08, land admeasuring 1365 Sq. Mts. at MIDC Malegaon, Sinner, District - Nashik.

In recent year, Nashik has been developed as one of biggest industrial center in Maharashtra. Nashik is a town of great history and antiquity. Government of India plans to recognize the city of Nashik as cultural heritage. The factory of applicant with easy excess for the labour, Marketing person & industrial related person.

H. MANUFACTURING PROCESS:

The process of manufacture of Turned Components is quite simple. The unit mainly comprises of two sections viz. Traub and CNC turning .

Turned Components are made from a variety of base Steels like Mild steel and alloy steel .The pipe or rod is cut to the required length and mounted on a turning machine. Depending upon the end use as either a Traub or a CNC lathe is used.

After the turning operations the material is checked for dimensional accuracy. The material is then bagged and stacked.

H. DETAILS OF PRODUCTS WITH CAPACITIES:

Turned Components are widely used in the automotive industry. The Product is manufactured from a variety of base steels. Each types has a variety of end use applications depending upon the temperature & usage conditions. Applications:-

The products manufactured from turned components are used in the following industries Electrical appliances

Engineering goods Automotive Applications

Aerospaace Applications

Pumps Etc.

I .DETAILS OF RAW MATERIALS:

The Raw Materials required for manufacturing of Turned component are given below.

- 1. Mild Steel
- 2. Alloy steels
- 3. Pipe or rod

J. MARKET & ITS ANALYSIS:

The Global Special Purpose Machines Market is expected to grow at a CAGR of more than 4% during the forecast period (2022 -2027). The outbreak of the COVID-19 pandemic has negatively impacted the special purpose machines market. The imposition of various regulations like complete lockdown, social distancing norms, and the ban on imports & exports has disrupted the supply chain of special purpose machines.

The demand for special purpose machines increased with the popularity of the Industrial Revolution and automation in the process. These machines proved to be great to enhance efficiency in production, enabled quality mass productions, and too at affordable prices as compared to standard CNC machines. The special-purpose machines are composed using limit switches, logic controls, automatic job camper, and sensors. Since these machines are customized and automated the processes, the demand has hiked in every industry.

The rise in investments and transformations in traditional manufacturing facilities, as well as the shift to digitized systems, are driving the expansion of the industrial automation spare part components markets. As a result of this change, there has been an increase in the demand for automation systems and, as a result, for industrial automation spare parts. The growing number of SMEs, as well as the necessity to improve the safety of the manufacturing process, are likely to provide a plethora of prospects for market participants.

K. PROJECT COST:

Parriculars	Existing	Expansion	(Rs. in lacs) Total Amount
Land & Land Development	1.23	18.70	19.93
Building	1.78	143.33	145.11
Machinery	105.85	235.55	341.40
Utilities	1.22	3.55	4.77
Furniture	0.50	10.00	10.50
Electrical Installation	1.00	25.00	26.00
Pre Operative Exp	0.24	5.50	5.74
Working Capital	15.00	50.50	65.50
TOTAL COST OF PROJECT	126.82	492.13	618.95

1. LEASEHOLD LAND:

Area	Rate	Value	Justification
1365 sqms	1370	18,70,050/-	Looking at the capacity of production this land is justified as the allotted land will be utilized fully.

2. BUILDING

Built up Area	Rate/ Sq. Mts.	Cost Of Construction
682.5 square meters	21,000/-	1,43,32,500/-

3. LIST OF PLANT AND MACHINERY

Machinery required for production of finished goods amounting to Rs. 235.55 Lacs various suppliers of machineries are available in market. We are in discussion with various suppliers and will decide model and supplier of machinery after allotment of land under Expansion.

Sr no	Description	Qty	Rate	Amount
1	CNC Lathe Machine	3	9,55,000.00	28,65,000.00
2	VMC AMS MCV 450 with 4th Axis	4	9,13,000.00	36,52,000.00
3	DRO Miling, Drill, TAP	4	9,90,000.00	39,60,000.00
4	Welding Machine	3	9,60,500.00	28,81,500.00
5	Bandsaw machine	3	9,80,000.00	29,40,000.00
6	Bending Machine	3	6,99,000.00	20,97,000.00
7	Air compressor	3	7,59,000.00	22,77,000.00
8	Surface Grinder Machine	3	6,59,000.00	19,77,000.00
	Sub total			2,26,49,500.00
	Add: Electrification, Errection & Installation @4%			9,05,980.00
	Total			2,35,55,480.00

4. ELECTRIC INSTALLATION :

Directors will take connection of electricity from MSEDCL; MSEDCL provides quotation for electricity connection after submission of application for connection based on the load required, location of plot, no of poles required and requirement of DP etc. We will need 100HP electricity which it could get easily from MSEB in the absence of exact quotation Directors have considered its cost on higher side and in their opinion cost of electricity connection should not exceed Rs. 25.00 Lacs.

Sr. No.	Description	Supplier	Qty	Rate	Amount (in Lakh)
1	Wiring & Fixture	Private Vendor	25	Lump Sum	16,00,000/-
2	Switch Board	Private Vendor	25	Lump Sum	4,00,000/-
3	Meter Room	Private Vendor	01	Lump Sum	3,00,000/-
4	Control Panel	Private Vendor	01	Lump Sum	2,00,000/-
	TOTAL				25,00,000/-

5. UTILITIES – COMPRESSED AIR, WATER, STEAM AND SUCH OTHER INSTALLATIONS :

Utilities: We will need to provide internal roads in factory.

Compressed Air: Compressor air is not needed.

Water: Water is mainly required for domestic & industrial use we need tentatively 2000 liters of water per day approximately. Waste water will be used for tree plantation and gardening at its factory. We will arrange water on its own if, MIDC fails to provide the water.

Steam and Such other Installations: We don't need steam or any other installments for its proposed unit.

6. DETAILS OF TECHNOLOGY:

We will be utilizing solar seam technology for production. This will boost our production to achieve maximum productivity.

7. SOURCE OF ENERGY & ENERGY CONSERVATION:

Power Consumption required for running the unit is 100HP, which will be sourced from MSEDCL.

We will install LED Bulbs, Which consumes less power, which in turn will conserve energy.

Also, We will set up 10 number of solar lights as a means of renewable source of Energy.

8. Pollution Control Measure

a. Process Flow Chart:

Process Flow

Cleaning of Pipes or Rods

Cutting of Pipes or Rods Turning of Components

Checking of components

Stacking in Crates

b. Water Budget:

Domestic: 1.6 CMD

Industrial: 0.4 CMD

c. Zero Liquid Discharge:

We shall install Effluent Treatment Plant and Sewage Treatment Plant to treat industrial and domestic effluent generated on site. Treated water shall be recycled for gardening, Flushing, Cleaning, etc. and no industrial effluent shall be discharged from the unit. Hence our project will be an Zero Liquid Discharge Project.

d. Environment Management Plan:

Liquid waste management:

□ Domestic sewage generated i.e. 00 Liter per day shall be treated in STP and discharged in septic tank and soak pit.

□ Additional treated water shall be used for Flushing, Gardening and cleaning.

□ Industrial effluent of generated i.e. 00 Liter per day shall be treated by setting up Effluent Treatment Plant

□ Hence this will be ZERO LIQUID DISCHARGE project.

Air Pollution waste Management:

□ No air polluting effluents shall be generated in the atmosphere since our project is ZERO AIR POLLUTION EMMITTING project.

Solid waste Management

□ Solid waste Generated shall be segregated in three parts as Domestic solid waste and Industrial Solid waste.

□ Industrial Solid Waste shall be sold to authorized vendor for recycle. Domestic waste shall be handed over to authorized Municipal agency for proper disposal.

9. IMPORT/ EXPORT IMPACT:

Our product are Exported to other regions of Maharashtra.

L. MEANS OF FINANCE:

						(Rs. in lacs)
Sr.	Particulars	Exis	sting	Expa	ansion	Total
		%	Rs.	%	Rs.	Amount
1	<u>Own Funds</u> Capital	25.08	31.81	10.16	50.00	81.81
2	<u>Borrowed Funds</u> Term Loan from Bank	74.92	95.01	89.84	442.13	537.14
	Total	100.00	126.82	100.00	492.13	618.95

M. IMPLEMENTATION SCHEDULE:

Implementation of the project involve various activities like market surveys and tie-ups, procurement of know-how, arrangement of premises/ land, building, preparation of project report, registration, financing, purchase of machines, commissioning of project, recruitment of staff and training, arrangement of power, procurement of raw materials, packing materials, trial production etc. in order to implement the project efficiently and in the shortest period there is a need to initiate many activities simultaneously as far as possible. This will not only cut the slack period but also will give quick results and be cost effective.

Keeping in mind all the above requirements implementation schedule along with their estimated time requirement is given below:

Sr No.	Activity Estimated period required	No. Of days Expected
1	Market survey	Done
2	Procurement of know-how/experts	Done
3	Arrangement of land	60-70
4	Obtaining quotations and preparation of project report.	15-20
5	Registration and financing.	30-45
6	Construction of building & procurement & installation of plant & Machinery	140 - 190

7	Obtaining power connection.	Done
8	Recruitment of personnel and Training.	30-45
9	Procurement of raw materials, consumables, packing materials etc.	5-10
10	Product development/trial production.	5-10
11	Commercial production.	5-10
	Total Estimated period required	290 -400

N. FINANCIAL ANALYSIS:

1. Cash flow:

	(Rs.In Lakh					
	Particulars	Ι	II	IIII	IV	V
	In Flow					
1.	Op. Cash/Bank Balance	0.00	1.51	2.59	3.78	4.62
2.	Net Profit	102.13	124.57	150.18	176.68	202.94
3.	Add. Back Depreciation	54.95	47.47	41.04	35.51	30.74
	Add. Pre operative	1.10	1.10	1.10	1.10	1.10
4.	Capital Introduced	50.00	0.00	0.00	0.00	0.00
	Increase In					
5	Term Loan	442.13	0.00	0.00	0.00	0.00
6	C.C.	0.00	0.00	0.00	0.00	0.00
7	Unsecured loan	0.00	0.00	0.00	0.00	0.00
	Total	650.31	174.65	194.91	217.06	239.40
	<u>Out Flow</u>					
1.	Acquisition of Fixed Asset	436.13	0.00	0.00	0.00	0.00
	Land	18.70	0.00	0.00	0.00	0.00
	Utilities	3.55	0.00	0.00	0.00	0.00
	Electricals	25.00	0.00	0.00	0.00	0.00
	Plant & Machinery	235.55	0.00	0.00	0.00	0.00
	Furniture	10.00	0.00	0.00	0.00	0.00
	Factory Building	143.33	0.00	0.00	0.00	0.00
2.	<u>Repayment of</u>					
	a) Unsecured Loan	0.00	0.00	0.00	0.00	0.00
	b) secured Loan	88.43	88.43	88.43	88.43	88.43
		88.43	88.43	88.43	88.43	88.43
3.	Drawing	5.00	5.50	6.05	6.66	7.32
	Pre operative	5.50	0.00	0.00	0.00	0.00
4.	Increase In	113.75	78.14	96.66	117.36	138.45
	Working Capital	113.75	78.14	96.66	117.36	138.45
5	<u>Decrease In</u>	_				
	Provision	0.00	0.00	0.00	0.00	0.00
_			0.50	0.50		
5	CI. Cash & Bank Balance	1.51	2.59	3.78	4.62	5.20
			4 - 4	101.01	04- 04	
	Total	650.31	174.65	194.91	217.06	239.40

2. Fund Flow Statement

					(Rs. in lacs)
Particulars / Year	Ι	II	III	IV	V
<u>Inflow</u>					
Bank Finance (Term Loan)	442.13	-	-	-	-
Unsecured loans from friends & relatives	-	-	-	-	-
Share Capital	50.00	-	-	-	-
Funds From Operation	247.62	262.90	283.80	306.88	330.40
add Interest and Income tax.					
Total Inflow	739.75	262.90	283.80	306.88	330.40
Outflow					
Increase in Fixed Assets					
Furniture	10.00				
Land & Land Development	18.70	-	-	-	-
Building	143.33	-	-	-	-
Machinary	235.55	-	-	-	-
Utilities	3.55	-	-	-	-
Electrical Installation	25.00	-	-	-	-
Pre Operative Exp.	5.50	-	-	-	-
Working Capital	113.75	-	-	-	-
Repayment of term Loan & interest	132.20	122.47	112.74	103.02	93.29
Drawings	5.00	5.50	6.05	6.66	7.32
Unsecured Loans	-	-	-	-	-
Income tax Payment	45.67	55.71	67.16	79.01	90.75
Increase / (Deacrease) in working capital)		78.14	96.66	117.36	138.45
Increase / (Decrease) in Cash Balance	1.51	1.08	1.19	0.84	0.59
Total Outflow	739.75	262.90	283.80	306.88	330.40

3. Projected Profit & Loss:

					(Rs. in lakhs)
Particulars	Ι	II	IIII	IV	V
Expected Yearly	812.50	892.50	975.38	1,061.20	1,150.05
turn over from sales					
	812.50	892.50	975.38	1,061.20	1,150.05
Less Expenditure					
Raw Material Consumed	463.13	508.73	555.96	604.88	655.53
Power & Fuel	12.19	13.39	14.63	15.92	17.25
Direct Labour	24.38	26.78	29.26	31.84	34.50
Total Direct Expenses	499.69	548.89	599.86	652.64	707.28
I I I I I I I I I I I I I I I I I I I					
Gross Profit	312.81	343.61	375.52	408.56	442.77
Administration & Selling Fxn					
nuministration & sening Exp.					
Renairs & Maintenance	872	10.03	11 55	13 39	15 54
Transportation Expenses	23.16	30.52	33.36	36.29	39.33
Sales & Administrartive Exp.	33.31	40.16	46.82	52.00	57.50
Pre Operative Exp - Written off	1.10	1.10	1.10	1.10	1.10
Depreciation	54.95	47.47	41.04	35.51	30.74
Financial Charges	43.77	34.04	24.32	14.59	4.86
-					
Total Expenses	165.01	163.33	158.18	152.88	149.07
-					
Profit	147.80	180.28	217.34	255.68	293.70
Less Income Tax	45.67	55.71	67.16	79.01	90.75
Profit After Tax	102.13	124.57	150.18	176.68	202.94
Cash Flow After Tax	102.13	124.57	150.18	176.68	202.94
Add : Depreciation	54.95	47.47	41.04	35.51	30.74
Add : Financial Charges	43.77	34.04	24.32	14.59	4.86
Total Cash Flow to repay the loans.	200.85	206.09	215.54	226.77	238.55

4. Projected Balance Sheet

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					(Rs. in lacs)
Year	Ι	II	III	IV	V
Liabilities					
Capital Account	147.13	266.20	410.34	580.36	775.98
Secured Loans					
Term Loan From bank	353.70	265.28	176.85	88.43	-
Total of Liabilities	500.84	531.48	587.19	668.78	775.98
Assets					
Land & Building	147.69	134.79	123.18	112.74	103.33
Machinary	200.22	170.18	144.66	122.96	104.51
Pre Operative Exp.	4.40	3.30	2.20	1.10	-
Electrical Installation	21.25	18.06	15.35	13.05	11.09
Utilities	3.02	2.56	2.18	1.85	1.58
Furniture	9.00	8.10	7.29	6.56	5.90
Working Capital	113.75	191.89	288.55	405.91	544.36
Cash Balance	1.51	2.59	3.78	4.62	5.20
Total of Assets	500.84	531.48	587.19	668.78	775.98

					(Rs. In Lacs)
Particulars/Year	Ι	II	IIII	IV	V
Profit after Tax	102.13	124.57	150.18	176.68	202.94
Depreciation	54.95	47.47	41.04	35.51	30.74
Interest (net)	43.77	34.04	24.32	14.59	4.86
Total (a)	200.85	206.09	215.54	226.77	238.55
Interest payable (net)	43.77	34.04	24.32	14.59	4.86
Term Loan Repayable	88.43	88.43	88.43	88.43	88.43
Total (b)	132.20	122.47	112.74	103.02	93.29
DSCR (a/b)	1.52	1.68	1.91	2.20	2.56
Average DSCR					1.93

5. Debt Service Coverage Ratio:

6. Break Even Point:

					<u>(Rs. in lacs)</u>
Particulars/Year	Ι	II	IIII	IV	V
FIXED COSTS					
Net Interest	43.77	34.04	24.32	14.59	4.86
Depreciation	54.95	47.47	41.04	35.51	30.74
Pre operative Exp Written off	1.10	1.10	1.10	1.10	1.10
Total (a)	99.82	82.62	66.46	51.20	36.70
VARIABLE COSTS					
Direct Labour	37.50	38.25	39.02	39.80	40.59
Power & Fuel	18.75	19.13	19.51	19.90	20.30
Consumption of Materials	712.50	726.75	741.29	756.11	771.21
Repairs and Maintanance	13.42	14.33	15.39	16.74	18.28
Transportation	35.63	43.61	44.48	45.37	46.27
Selling & Admin Exp	51.25	57.38	62.42	65.00	67.65
Total (b)	869.04	899.43	922.10	942.90	964.29
SALES (c)	1,250.00	1,275.00	1,300.50	1,326.50	1,353.00
CONTRIBUTION (c-b)	380.96	375.57	378.40	383.60	388.71
Contribution %	0.30	0.29	0.29	0.29	0.29
BEP Sales value	327.53	280.47	228.41	177.04	127.75
Break Even Point (%)	26.20	22.00	17.56	13.35	9.44

(**D** • 1)

								(Rs. in lacs)
Year	Particulars	Land	UTILITIES	Electricals	Building	MACHINERY	Furniture	Total
	Depreciation	0.00%	15.00%	15.00%	10.00%	15.00%	10.00%	
Ι	Purchases	18.70	3.55	25.00	143.33	235.55	10.00	436.13
	Less : Dep	-	0.53	3.75	14.33	35.33	1.00	54.95
	Closing Balance	18.70	3.02	21.25	128.99	200.22	9.00	381.18
II	Op. Balance	18.70	3.02	21.25	128.99	200.22	9.00	381.18
	Less : Dep.	-	0.45	3.19	12.90	30.03	0.90	47.47
	Closing Balance	18.70	2.56	18.06	116.09	170.18	8.10	333.71
III	Op. Balance	18.70	2.56	18.06	116.09	170.18	8.10	333.71
	Less : Dep.	-	0.38	2.71	11.61	25.53	0.81	41.04
	Closing Balance	18.70	2.18	15.35	104.48	144.66	7.29	292.66
IV	Op. Balance	18.70	2.18	15.35	104.48	144.66	7.29	292.66
	Less : Dep.	-	0.33	2.30	10.45	21.70	0.73	35.51
	Closing Balance	18.70	1.85	13.05	94.04	122.96	6.56	257.16
v	Op. Balance	18.70	1.85	13.05	94.04	122.96	6.56	257.16
	Less : Dep.	-	0.28	1.96	9.40	18.44	0.66	30.74
	Closing Balance	18.70	1.58	11.09	84.63	104.51	5.90	226.42

7. Depreciation Schedule:

O.EXTRA LAND REQUIRMENTS IN SPECIFIC CASE:

We will utilize 50% FSI on the open space allotted to us and balance area will be needed for internal roads, margin, parking, etc.

P. BASIS AND PRESUMPTIONS:

- a) This project profile is based on 8 working hours a day and 25 days in a Month and the break even efficiency has been calculated on 70% Capacity utilization basis.
- b) The gestation period in implementation of the project may be about 10 to 14 months. This period included making all arrangements, completion of all formalities, market surveys and tie ups, financial arrangements, purchase of machines, recruitment of staff, commissioning of plant and trial production etc.
- c) The normal wages and salaries being paid in the industry to various Grades of personnel have been considered and also the provision of Minimum wages has been taken care of.

- d) The rate of interest both for fixed and working capital have been taken as 11% P.A.
- e) The payback period for finance to the financial institutions may be about 5 years in case of term loan. The working capital loan may however be in a shape of rolling/limit based capital.
- f) Expected Employment

Sr. No.	Type Of Employee	Number Of Employees
1	Supervisory	04
2	Skilled	08
3	Unskilled	08
	Total	20

Q. TECHNICAL ASPECTS:

i) The motive power required for the project will be to the tune of 100 HP.

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ii) All the machines and equipments mentioned in the project profile are of indigenous make and are of minimum price.

iii) There is no special feature attracting energy conservation and pollution control. However preventive maintenance of machines, use of shunt capacitors on electrical motors will be effective for efficient running the machines and conserving electrical energy. For lighting purpose the use of composite fluorescent lamps and electronic chokes may be made as far as possible.