

# MODEL DETAILED PROJECT REPORT

ESTABLISHMENT OF WOODEN FURNITURE MANUFACTURING  
UNIT

UNDER UTTAR POORVA TRANSFORMATIVE  
INDUSTRIALIZATION SCHEME (UNNATI), 2024



धर्मनेत्र जयते

उद्योग संवर्धन और आंतरिक व्यापार विभाग

DEPARTMENT FOR  
PROMOTION OF INDUSTRY AND  
INTERNAL TRADE

DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE  
MINISTRY OF COMMERCE & INDUSTRY  
GOVERNMENT OF INDIA



Grant Thornton

Project Implementation Unit  
Grant Thornton Bharat LLP  
21<sup>st</sup> Floor, DLF Square  
Jacaranda Marg, DLF Phase II,  
Gurugram - 122 002  
Haryana, India

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SHAPING A VIBRANT INDIA



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## 1. Introduction

The wood carving artistry is about 400 years old. The products showcase the skill of the craftsmen of the region and intricate designs and carvings chiseled on wood, mostly sheesham wood being the raw material of choice. The most common varieties used to make Indian handicrafts are teak, sheesham, sal, oak, mango, ebony and mahogany. Sandalwood, rosewood and walnut are the exotic varieties and are expensive and are used in producing fine pieces of furniture and decorative items. These materials may have revolutionized the furniture industry, but wood is undeniably a staple material in furniture manufacturing. Wood is, of course, a long-lasting and robust material and is the perfect choice for anyone looking for longevity from their furniture. Wooden furniture can also go a long way to creating a sense of the natural world indoors. The export of these wood carving furniture and handicraft products is carried out by exporting units in the district. The wood items manufactured here include household items such as doors, charms, beds and wooden figures like toys and other artworks. India is a land of wonderful and marvelous artistic work of wood. The rich handicraft and beautiful traditional attributes of art and design have established a reputation of Indian Furniture Industry in the nation and worldwide. Furniture refers to the movable objects that support various human activities such as seating, eating and sleeping. They are also used to hold objects at a convenient height for work or to store things. Furniture is a product of design, and it is also considered as a form of decorative art.

### a. About the project

The proposed project is for setting up a Wooden Furniture Manufacturing Unit. This unit will be capable of integrated wooden furniture manufacturing from sourcing and cutting of wood, to retailing of product to the end customer. The project will cater to the growing needs of domestic wooden furniture market. The housing and construction industry has seen a steady growth over the past many years due to several factors which include development of new housing schemes, introduction of housing finance schemes / loans by different banks, increased urbanization and a growing middle class and enhanced purchasing power of the public. All these factors have contributed directly and indirectly towards an increased demand for wooden furniture. The proposed wooden furniture business venture entails a total investment of about Rs. XX.XX million. This includes a capital investment of Rs. XX.XX million and a sum of Rs. X.XX million as initial working capital. The project is financed through X% debt and X% equity. The Net Present Value (NPV) of the project is around Rs. XX.XX million with an Internal Rate of Return (IRR) of X% and a payback period of X.XX years. Higher returns on investment and a steady growth of business are expected if the entrepreneur has some prior experience / education in the related field of business. The project will generate direct employment opportunity for XX persons. The legal business status of this project is proposed as 'Sole Proprietorship/Partnership/LLP/Pvt. Ltd.'

### b. Global Scenario

The demand for wooden furniture is higher in densely populated cities of Pakistan i.e. Lahore, Multan, Karachi, Peshawar, Quetta, Rawalpindi and Islamabad, making all these cities viable for business. The rapid change in consumer buying behaviour along with the presence of large-scale manufacturers is one of the primary factors driving the wooden furniture market growth rate. Also, the market is largely driven by the increase in outdoor furniture demand. While the rapidly rising



spending on new residential construction and technological advancements is one of the major factors driving the growth of the wooden furniture market.

Data Bridge Market Research analyses that the wooden furniture market, which was USD 413.38 billion in 2022, will reach USD 644.10 billion by 2030, and is expected to undergo a CAGR of 5.7% during the forecast period. "Hardwood" dominates the product type segment of the wooden furniture market by because hardwoods will last longer than softwoods, they're suitable for a large range of applications including construction, joinery, high-quality furniture and flooring

#### c. Indian Scenario

The India furniture market is anticipated to achieve a CAGR of 10.9% during 2023-28 to reach \$32.7 Bn by 2026. The commercial sector is further sub-segmented into non contracting and contracting. The demand for furniture has been observed to majorly generate from northern and southern India. The import duty on furniture was increased from 20% to 25% to boost domestic manufacturing. BIS Standards on modular furniture were published by BIS in 2022 to enhance standardization in furniture and ensure product safety. India's Furniture market is valued at \$23.12 Bn in 2022, making it as the 5th largest producer and 4th largest consumer of furniture globally. India has recently concluded India-Australia Economic Cooperation and Trade Agreement (ECTA) and India-UAE Comprehensive Economic Partnership Agreement (CEPA), providing zero-duty market access opportunities for India-made furniture to these global markets (No change in other content) Few Key Reasons to invest in this sector: Logistics Infrastructure: Development of multimodal logistics parks (MMLP) across 35 nodes which will account for 60% of freight movement in the country and reduce freight cost per ton 4). Increasing Consumer Demand: 51% of India's population will be living in urban areas by 2047 up from 31% in 2010 which will lead to demand surge for furniture products. Availability of Competitive and Skilled labour: India boasts of a rich heritage of unique craftsmanship, woodwork, carpentry & furniture with regions like Jodhpur emerging as demand centres for the local industry.

#### d. State Profile

Forests provide numerous natural resources for the industry, but they are not seen as the source of revenue but rather the source of livelihood of the common populace. The idea is to harness the forest produce in a sustainable manner and find alternatives wherever possible.

Plywood, veneer, pulp and paper, safety match box making etc are the main forest-based industries in the state of Assam. State Forest is the source of raw materials for the above industries. Timber, bamboo, cane etc are the main useful products from the forests of Assam. For instance, Cane furniture of Assam was world famous but due to serious over exploitation it has become almost extinct. Assam has become a net importer of cane from an erstwhile exporter. Thus, the main emphasis today is to meet the needs of people from alternative resources and revive forest-based industries on sustainable models. This requires mass participation. Agarwood, for example can provide rich dividends, if people can grow it as a crop.

#### e. Sector Overview

The demand for wooden furniture in the Indian market is mainly driven by the residential sector owing to the customer's interest in utilizing wooden furniture in homes for many purposes, such as wardrobes, living room furniture, and home decor. This is augmenting the need for wooden furniture



such as sofa sets, dining sets, beds, and chairs, which are further expected to witness prolific growth in the upcoming years. Apart from this, the demand for engineered wooden furniture is also rising in metro cities, such as Delhi, Bangalore, Mumbai, and other major cities. The residential real estate market has also witnessed prolific growth in the last couple of years, owing to the increasing population and growing demand for affordable housing accommodation, which will add to the demand for wooden furniture.

The residential segment is expected to witness a surge in demand for furniture in living rooms and bedrooms over the forecast period due to the increasing number of government-initiated real estate construction projects, particularly in urban settings. For example, in India, the Ministry of Housing and Urban Affairs is responsible for the initiation and approval of infrastructure development projects in urban areas and other major metropolitan cities of the country.

## 2. Investor's Background

Details of all Investors in below format

Name	To be filled by the applicant
DOB	To be filled by the applicant
PAN	To be filled by the applicant
Address	To be filled by the applicant
Academic Qualification	To be filled by the applicant
Experience in business	To be filled by the applicant
Functional Responsibility in Unit	To be filled by the applicant
Name of associate concern (if any)	To be filled by the applicant
Nature of association (if any)	To be filled by the applicant
Net Worth	To be filled by the applicant

## 3. Company Profile

Name of the Unit	To be filled by the applicant
Constitution	To be filled by the applicant
PAN	To be filled by the applicant
Registered Office address	To be filled by the applicant
Activity	To be filled by the applicant



Loan details	To be filled by the applicant
Director	To be filled by the applicant
Unit Registration	To be filled by the applicant
Unit Location	To be filled by the applicant
Category of Project (Manufacturing/Service)	To be filled by the applicant
Zone	To be filled by the applicant
District	To be filled by the applicant
State	To be filled by the applicant

#### 4. Details of product to be manufactured and its marketing potential

The office furniture market in India is projected to grow to USD 13.58 billion by 2021 at a CAGR of more than 20%. The office furniture market will grow at a healthy rate owing to sustained demand in organized and unorganized furniture segments. The organized office furniture market's penetration is largely limited to Multi-National Corporations in Tier 1 cities, while unorganized segments cater to all segments. The office furniture are classified into the following categories

**Office Seating Furniture** –The office seating furniture includes products such as stacking chairs, ergonomic chairs, stool & bench. Innovation in seating furniture, such as ergonomics designs which enhance comforts of users sitting for prolonged periods of time will also propels the growth of the seating furniture market in future.

**Office Table Furniture-** This is the most used furniture in offices. Office tables are usually manufactured from wood, plastic, tempered glass or steel. Currently the rise in demand for tables made from eco-friendly raw materials –wood or steel are driving the market growth. Corrugated cardboard is another material which is gaining popularity in office table market segment. Some of popular vendors that provide table furniture include Zuari, Durian, Godrej, and DAMRO. The emergence of global companies like IKEA in this segment is creating wider business opportunities.

**Office Furnishing System-** This market globally is expected to reach USD 3.63 billion in 2021. The office furnishing system segment includes products such as panel and modular system commonly referred as office system or cubicles. These are portable workstation with integrated lighting system and work surfaces. There are various types including Desking system and panel system. Some of popular vendors that provide office system Godrej and AFC System.

#### 5. Details of Raw Materials with required quantity

Supplier	Raw material	Quantity	Year	Cost
	Wood Particle Board	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Veneer Particle Board	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant



Supplier	Raw material	Quantity	Year	Cost
To be filled by the applicant	Plywood	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Veneered Plywood	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Block board	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Timber	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Wood screw	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Adhesive (Cold setting)	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Adhesive (Synthetic Resin)	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Adhesive (Animal Glue)	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Polyvinyl acetate dispersion –based adhesive	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Cane	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Operation & Workmanship in finishing	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
To be filled by the applicant	Paints, Enamel & Varnishes schedule	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Tabletop	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant
	Decorative Laminates	To be filled by the applicant	To be filled by the applicant	To be filled by the applicant

## 6. Proposed location and Site Plan

Sl. No.	Particulars	Details
1	Land Area	To be filled by applicant





2	Status of Legal title & Possession	To be filled by applicant
3	if leased, Period of lease	To be filled by applicant
4	Coordinates of location	To be filled by applicant
5	Details of CLU	To be filled by applicant
6	Connectivity to roads i) State Highway (in Km.) ii) National Highway (in Km.)	To be filled by applicant
7	Availability of Water	To be filled by applicant
8	Availability of Power	To be filled by applicant

**a. Electrical Power**

Electricity (34 HP M/C running 300 Days with 2 Shift i.e. Effective Hr. 12 hr. Total unit consumption -91310. Present rate- Rs8.92/Unit

**i. Construction Phase**

<b>KW</b>	<b>Quarter of the Year</b>
To be filled by the applicant	To be filled by the applicant

**ii. Steady Phase**

<b>KW</b>	<b>Quarter of the Year</b>
To be filled by the applicant	To be filled by the applicant

**iii. Peak Phase**

<b>KW</b>	<b>Quarter of the Year</b>
To be filled by the applicant	To be filled by the applicant

**b. Water Requirement**

**i. Construction Phase**

<b>Quantity</b>	<b>Quarter of the Year</b>
In Liter	To be filled by the applicant



ii. Steady Phase

Quantity	Quarter of the Year
In Liter	To be filled by the applicant

iii. Peak Phase

Quantity	Quarter of the Year
In Liter	To be filled by the applicant

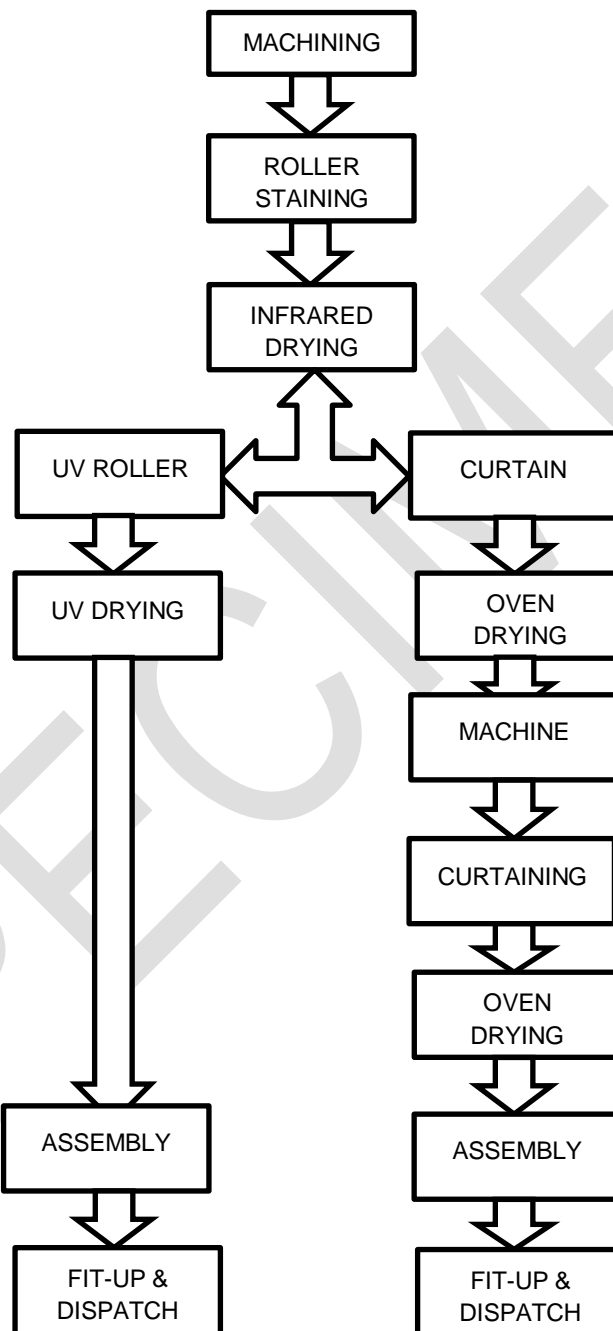
- c. Transportation System
- d. Local Infrastructure
- e. Raw material procurement

SPECIMEN



### 7. Product Process Flow

Product development stages to be defined with details of input required at each stage of production and output generated after each stage of production for each product.





## 8. Cost of the Project

Particulars	Amount (Rs. In Lacs)
Land & Land Development	20.00
Plant & Machinery & Other Equipment	13.65
Preliminary & Pre-Operative Expenses	6.00
Misc. Fixed Assets	3.00
Margin Money for Working Capital	63.25
<b>Total</b>	<b>105.90</b>

### a. Land details

The required area for setting up the Office Furniture manufacturing Unit is approx. 7000 Sq. Ft. The rate for Land is- Rs.150/Sq. ft.

So, the Cost of Land- Rs. 7000x 150= Rs.10,05,000/-=Approx-10,00,000/-

Office Building with Works Shed- Rs.10,00,000/-

Total Land with Building & Works Shed- Rs.10,00,000+Rs,10,00,000 = Rs-20,00,000/-

### b. Building and civil works details

Office Building with Works Shed- Rs.10,00,000/-

### c. Plant and machinery details

Sl. No.	Particulars	Qty	Rate (Rs.)	Amount (Rs.)
1	Wood Working Machine Combi Planers	1	57,000	57,000
2	Spindle Molders	1	1,50,000	1,50,000
3	Basic Router, 4500 Rpm, 2 Hp	1	36,500	36,500
4	Wood Cutting Bandsaw Machine, Cutting Blade Size: 12" to 42", 2 Hp To 7.5 Hp	1	34,500	34,500
5	Wood Circular Saws, 2hp, Cutting Blade Size	1	30,400	30,400



Sl. No.	Particulars	Qty	Rate (Rs.)	Amount (Rs.)
6	Wood Jig Saw Machine, 1hp, Cutting Blade Size: 32m	1	28,800	28,800
7	1 Hp Chisel Mortising Machine, 0-25 mm, Automation Grade: Manual	1	31,500	31,500
8	2 Hp Chain Mortising Machine	1	57,000	57,000
9	50-60hz Wood Planer Machine with Side Cutter Wood Working Machine, Machine Capacity: 13 Inch	1	75,000	75,000
10	Belt Sander Machine, Model Name/Number: AV-BS-400, 3 Hp	1	70,000	70,000
11	Drum Sander Machine, Automation Grade: Semi-automatic	1	2,94,000	2,94,000
12	CNC Wood Lathe Machine,	1	5,00,000	5,00,000
	<b>Total</b>			<b>13,64,700/- 13,65,000/- (Say)</b>

**d. Pre-operative expenses details**

Approx-6.00 Lacs

**e. Working Capital details**

**I) Raw Material Requirement: - (Annual)**

Sl. No.	Item	Qty	Rate (Rs.)	Total
1	Wood of Different Types	696 CUM	18,000	1,25,28,000
2	Leather /Cushion	7200 Pcs	900	64,80,000
3	Fevicol	1800 Kg	250	4,50,000
4	PLY	14400 Sqft	35	5,04,000
5	Sun Mica	14400Sqft	42	6,04,800
	<b>GRAND TOTAL</b>			<b>2,05,66,800</b>



**II) Utilities (Per Annum)**

Sl. No.	Item	Total (Rs.)
1	Electricity (34 HP M/C running 300 Days with 2 Shift i.e. Effective Hr. 12 hr. Total unit consumption -91310. Present rate-Rs8.92/Unit	815,000
2	Water & Misc	1,00,000
<b>GRAND TOTAL</b>		<b>9,15,000</b>

**iii) Salary & Wages (Per Annum)**

Sl. No.	Designation	No.	Wages/Month (Rs.)	Total/Annum (Rs.)
1	Accountant cum Manager	1	30,000	3,60,000
2	Supervisor	2	25,000	6,00,000
3	Skilled Manpower	8	23,000	22,08,000
4	Unskilled	4	12,000	5,76,000
<b>GRAND TOTAL</b>				<b>37,44,000/-</b>

Note: Every year increment @ 5% has been considered towards financial calculation.

**iv) Selling & General Administration (Annum)**

Sl. No.	Designation	No.	Wages/Month (Rs.)	Total/Annum (Rs.)
1	Store Manager	1	40,000	4,80,000
2	Store Boy	3	12,000	4,32,000
3	Sales Supervisor	1	30,000	3,60,000
4	Salesperson	2	22,000	5,28,000
<b>GRAND TOTAL</b>				<b>18,00,000/-</b>

**v) Advertisement & General Stores**

Sl. No.	Items	Cost (Rs.)
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1	Advertisement per Annum	3,00,000/-
2	General Stores & Inventory	3,85,500/-
<b>Total</b>		<b>6,85,500/-</b>

**WORKING CAPITAL= I+II+III= 2,05,66,800 +9,15,000 +37,44,000/-= Rs. 2,52,25,800**

#### 9. Proposed Means of Finance

Particulars	Amount (Rs. In Lacs)
Promoter's Capital	39.90
Unsecured Loans	26.00
Term Loan form Bank/ Financial Institution	40.00
<b>Total</b>	<b>105.90</b>

a. Working Capital limit: Rs. 63.25

#### 10. Implementation Schedule with time chart

Activities	Starting Month	Ending Month
Arrangement of land	To be filled by applicant	To be filled by applicant
Single window clearance	To be filled by applicant	To be filled by applicant
Land development	To be filled by applicant	To be filled by applicant
Building and Civil Works	To be filled by applicant	To be filled by applicant
Order and delivery of P&M	To be filled by applicant	To be filled by applicant
Power arrangement	To be filled by applicant	To be filled by applicant
Manpower arrangement	To be filled by applicant	To be filled by applicant
Procurement of raw materials	To be filled by applicant	To be filled by applicant
Trial Operation	To be filled by applicant	To be filled by applicant
Commercial Operation	To be filled by applicant	To be filled by applicant



### 11. Projected Financial Analysis

<b>a. Installed Production Capacity</b>			<b>PCS</b>			
Wooden Chair			5000			
Wooden Box Table (3'x2')			900			
Production Capacity Per Annum			5,900			
<b>b. SCHEDULE OF PRODUCTION AND SALES</b>						
<b>RAW MATERIAL MIX AND CONSUMABLES REQUIRED</b>						
<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>		
Raw Material						
Wood of Different Types	696	C. ft.	18000			12528000.00
Leather/Cushion	7200	Pcs	900			6480000.00
Fevicol	1800	Kg	250			450000.00
PLY	14400	Sqft	35			504000.00
Sun Mica	14400	Sqft	42			604800.00
<b>c. Cost of Raw Material Consumed/Annum</b>						20566800.00
<b>Parameters</b>		<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
Capacity Utilization		70%	75%	80%	85%	90%
		5900	5900	5900	5900	5900
<b>Production (In Pcs) as per Capacity Utilized</b>		4130	4425	4720	5015	5310
<b>d. BREAK UP PRODUCTION AS PER UTILIZED CAPACITY</b>						
<b>ITEMS</b>		<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
Capacity Utilization		70%	75%	80%	85%	90%
Wooden Chair		3500	3750	4000	4250	4500





Wooden Box Table (3'x2')		630	675	720	765	810
<b>TOTAL PRODUCTION</b>		4130	4425	4720	5015	5310
<b>Sales Details</b>						
<b>Items</b>		<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
Wooden Chair		17500000	18750000	20000000	21250000	22500000
Wooden Box Table with Glass (3'x2')		9450000	10125000	10800000	11475000	12150000
NET Sales Price		26950000	28875000	30800000	32725000	34650000
GST RATE@12%		3234000	3234000	3696000	3927000	4158000
GROSS Sales Price		30184000	32340000	34496000	36652000	38808000
<b>e. COST OF PRODUCTION</b>						
<b>Items</b>		<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
		70%	75%	80%	90%	95%
Raw Materials Consumed		15425100	15425100	16453440	17481780	18510120
Power & Fuel		640500	686250	732000	777750	823500
Direct Labor & Wages		3744000	3931200	4127760	4334148	4550855
Consumable Stores		70000	37500	40000	42500	45000
Repairs & Maintenance		40000	42000	50000	65000	70000
Other Manufacturing Exp.		17500	18750	20000	21250	22500
<b>COST OF PRODUCTION</b>		19937100	20140800	21423200	22722428	24021975

**f. PROJECTED PROFITABILITY STATEMENT**

		<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
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Capacity Utilized	70%	75%	80%	90%	95%
<b>A. Sales</b>					
Gross Sales	30184000	32340000	34496000	36652000	38808000
Less: GST	3234000	3465000	3696000	3927000	4158000
<b>NET SALES</b>	<b>26950000</b>	<b>28875000</b>	<b>30800000</b>	<b>32725000</b>	<b>34650000</b>
<b>B. Cost of Production</b>					
Raw Materials Consumed	15425100	15425100	16453440	17481780	18510120
Power & Fuel	640500	686250	732000	777750	823500
Direct Labour & Wages	3744000	3931200	4127760	4334148	4550855
Consumable Stores	70000.00	37500.00	40000.00	42500.00	45000.00
Repairs & Maintenance	40000.00	42000.00	50000.00	65000.00	70000.00
Other Manufacturing Exp.	17500.00	18750.00	20000.00	21250.00	22500.00
<b>Total Cost of Production (C)</b>	<b>19937100</b>	<b>20140800</b>	<b>21423200</b>	<b>22722428</b>	<b>24021975</b>
<b>g. Gross Profit (A-C)</b>	<b>10246900</b>	<b>12199200</b>	<b>13072800</b>	<b>13929572</b>	<b>14786024</b>
<b>Interest Expenses</b>					
Interest Expenses (Term Loan) @7.65% /Annum for 5 yr.	408617	335134	253147	161672	59612
Interest Expenses (WC Loan) @11% /Annum	708400	708400	708400	708400	708400
Selling, General & Administrative Exp.	2485500.00	2609775.00	2740263.75	2877276.94	3021140.78



<b>Profit before Taxation</b>		6644383.00	8545891.00	9370989.25	10182223.06	10996871.82
Provision for Taxation		1993314.90	2563767.30	2811296.78	3054666.92	3299061.54
<b>Profit After Taxation</b>		4651068.10	5982123.70	6559692.48	7127556.14	7697810.27

#### h. DEBT SERVICE COVERAGE RATIO (COMPANY AS A WHOLE)

	1 <sup>st</sup> Year	2 <sup>nd</sup> year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	5 <sup>th</sup> Year
<b>Profit After Tax</b>	4651068.10	5982123.70	6559692.48	7127556.14	7697810.27
Add: - Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	408617.00	335134.00	253147.00	161672.00	59612.00
Interest Expenses (WC Loan) @11% /Annum for 7 yrs	708400.00	708400.00	708400.00	708400.00	708400.00
Depreciation	259800.00	259800.00	259800.00	259800.00	259800.00
<b>Total (A)</b>	<b>3274251.10</b>	<b>4678789.70</b>	<b>5338345.48</b>	<b>5997684.14</b>	<b>6669998.27</b>
Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	408617.00	335134.00	253147.00	161672.00	59612.00
Interest Expenses (WC Loan) @11% /Annum for 7 yrs	708400.00	708400.00	708400.00	708400.00	708400.00
Depreciation	259800.00	259800.00	259800.00	259800.00	259800.00
<b>Total (A)</b>	<b>3274251.10</b>	<b>4678789.70</b>	<b>5338345.48</b>	<b>5997684.14</b>	<b>6669998.27</b>
Interest Expenses (Term Loan) @7.65% /Annum for 7yrs	408617.00	335134.00	253147.00	161672.00	59612.00
Interest Expenses (WC Loan) @11% /Annum for 7 yrs.	708400.00	708400.00	708400.00	708400.00	708400.00
Term Loan Repayment	635019.00	708503.00	790490.00	881964.00	984024.00



<b>Total Debt Payment (B)</b>		<b>1752036.00</b>	<b>1752037.00</b>	<b>1752037.00</b>	<b>1752036.00</b>	<b>1752036.00</b>
<b>DSCR (A/B)</b>		<b>1.87</b>	<b>2.67</b>	<b>3.05</b>	<b>3.42</b>	<b>3.81</b>
<b>Cash Inflow</b>		<b>2639232.10</b>	<b>3970286.70</b>	<b>4547855.48</b>	<b>5115720.14</b>	<b>5685974.27</b>
<b>i.BREAK EVEN ANALYSIS</b>		<b>1<sup>st</sup> year</b>	<b>2<sup>nd</sup> year</b>	<b>3<sup>rd</sup> Year</b>	<b>4<sup>th</sup> Year</b>	<b>5<sup>th</sup> Year</b>
A. Net Sales		26950000	28875000	30800000	32725000	34650000
B. Variable Expenses						
Raw Materials Consumed		15425100	15425100	16453440	17481780	18510120
Power & Fuel		640500	686250	732000	777750	823500
Consumable Stores		70000.00	37500.00	40000.00	42500.00	45000.00
Repairs & Maintenance		40000	42000	50000	65000	70000
Other Manufacturing Exp.		17500	18750	20000	21250	22500
		<b>16193100</b>	<b>16209600</b>	<b>17295440</b>	<b>18388280</b>	<b>19471120</b>
C. Contribution (A-B)		10756900	12665400	13504560	14336720	15178880
<b>D. Fixed Expenses</b>						
Direct Labor & Wages		3744000	3931200	4127760	4334148	4550855
Selling, General & Administration		2485500.00	2609775.00	2740263.75	2877276.94	3021140.78
		<b>6229500</b>	<b>6540975</b>	<b>6868023.75</b>	<b>7211424.94</b>	<b>7571996.18</b>
<b>Breakeven Sales at Operating Capacity</b>		<b>0.58</b>	<b>0.52</b>	<b>0.51</b>	<b>0.50</b>	<b>0.50</b>

**j. Projected Balance Sheet**

	1st Year	2nd Year	3rd Year	4th Year	5th Year
<b>Liabilities</b>					
<b>Capital</b>	<b>30527100</b>	<b>20140800</b>	<b>21423200</b>	<b>22722428</b>	<b>24021975</b>
<b>Revenue Reserves</b>	<b>30184000</b>	<b>32340000</b>	<b>34496000</b>	<b>36652000</b>	<b>38808000</b>



<b>Net Worth</b>	<b>60711100</b>	<b>52480800</b>	<b>55919200</b>	<b>59374428</b>	<b>62829975</b>
Term Loan	1000000	1000000	1000000	1000000	
Working Capital Limit	1000000	1000000	1000000	1000000	1000000
<b>Current Liabilities</b>					
Creditors	8056320	8569280	9088971.2	9608790	9608790
Liability for expenses	<b>20572119</b>	<b>20645603</b>	<b>20727590</b>	<b>20819064</b>	<b>20921124</b>
<b>Total</b>	<b>91339539</b>	<b>83695683</b>	<b>87735761.2</b>	<b>91802282</b>	<b>94359889</b>
<b>Assets</b>					
<b>Fixed Assets</b>					
Gross block	20000000	23000000	27600000	34500000	44850000
Depreciation	<b>259800</b>	<b>259800</b>	<b>259800</b>	<b>259800</b>	<b>259800</b>
Net Fixed Assets	19740200	22740200	27340200	34240200	44590200
Non Current asset/investments	0	0	0	0	15000000
<b>Current assets</b>					
Inventory	7546000	10564400	12073600	12073600	12073600
Debtors					
Security Deposits					
Loans and Advances					
Cash & Bank Balance	<b>4651068.1</b>	<b>5982123.7</b>	<b>6559692.48</b>	<b>7127556.14</b>	<b>7697810.27</b>
<b>Total</b>	<b>31937268.1</b>	<b>39286723.7</b>	<b>45973492.48</b>	<b>53441356.14</b>	<b>79361610.27</b>

<b>k. CALCULATION OF PAYBACK PREIOD</b>					
Investment	106	Lacs			
Cash In Flow	26	Lacs			
(PAT- Depreciation- Interest)					
<b>PAY BACK PREIOD</b>	<b>4.08</b>				

## 12. Projected Employment Details

Type of Employment	Number of Employees	Projected Cost
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Skilled Manpower	12	1440000
Semi-skilled Manpower	14	3528000
Unskilled Manpower	4	576000
<b>TOTAL</b>		<b>5544000</b>

### 13. Requirement of Statutory clearances

Item	Status
Partnership Deed	
Lease deed registration	
PAN	
GST Registration	
UDYAM	
Trade License	
NOC form local authority	