

PROJECT PROFILE ON ROLLING SHUTTER MANUFACTURING UNIT

1. INTRODUCTION

Fabrication is a method of jointing things in such a way that a product has a utility for a human being. Several products can be developed by the fabrication; one of these is rolling shutters.

2. MARKET DEMAND

Rolling shutters are requires for every new shop / enterprise coming in the area. On an average in every city around 400-500 new shops grow every year. If we club the demand of rural area, it would be around 2000 numbers every year. In addition to rolling shutters, concern would utilize its fabrication facility in fabrication of other products as per market demand on job to bob basis.

PRODUCTION TARGETS

Basis of estimation: 300 Working Days in a Year
 Single Shift basis
 8 hours per shift

	Rolling Shutters
Quantity (Nos)	300
Value (Rs)	9000000

3. MANUFACTURING PROCESS

Rolling shutter can fabricate from sheets and angle of mild steel. First strip are cut and folded with the help of sheet cutting and folding press, assembled in such a way that it can roll on roller at the top while lifting. The size will depends upon the size of opening. Concern would purchase spring and other accessories from the market and after installation at site, it is painted as per requirement of customer.

4. QUALITY CONTROL STANDARDS

Quality of the product must be as per customers demand and according to BIS specification for the job.

5. LAND & BUILDING

1.	Covered area	Sq. Ft.	1000
2.	Uncovered area	Sq. Ft.	2000
3.	Total area	Sq. Ft.	3000
4.	Whether constructed or Rented		Rented
5.	If constructed, constructed value	Rs	N.A.
6.	If Rented, Rental value (per month)	Rs	2000

6. MACHINERY AND EQUIPMENT

S.N	Description	Qty.	Value (Rs.)
1.	Sheet Cutting Press	1	250000
2.	Sheet Folding Press for Rolling shutter		
3.	Angle and pipe bending press	1	
4.	Portable Grinder & Drill	1	
5.	350 AMP Arc welding set	1	
6.	Gas welding set	1	
7.	Bench Grinder & Drill	1	
8.	Hand Tools	L.S.	
9.	Sales Tax, Freight & Insurance etc.		25000
	Total		275000

7. RAW MATERIAL (PER MONTH)

S.N	Particulars	Quantity (MT)	Value (Rs)
1.	M.S. Angles & Sheets	13	520000
2.	Welding Rods	L.S.	5000
3.	Colour & Other Consumables	L.S.	100000
		Total	625000

8. STAFF & LABOUR (PER MONTH)

S.N	Particulars	Qty	Rate	Value (Rs)
A	Administrative and Supervisory			
(i)	Manager	1	3000	3000
(ii)	Peon/ Chowkidar	2	2000	6000
B	Technical (Skilled-Unskilled)			
(i)	Skilled Worker	2	3000	6000
(ii)	Unskilled Worker	4	2000	8000
	Sub-Total			23000
	Plus perquisites @ 30% of salaries			6900
	TOTAL			29900

9. OTHER EXPENSES (PER MONTH)

1.	Rent of Land & Building	2000
2.	Electricity Charges	1500
3.	Fuel Exp.	0
4.	Advertisement & Travelling	1000
5.	Transport	2000
6.	Consumable & stores etc.	1000
7.	Potage expenses/ telephones	1000
8.	Stationery	1000
9.	Repairs & Maintenance's	1000
	Total	10500

10. WORKING CAPITAL (FOR ONE MONTH)

SL.NO.	DESCRIPTION	AMOUNT(RS)
1	Raw material	625000
2	Salaries & Wages	29900
3	Other Expenses	10500
	Total	665400

11. TOTAL CAPITAL INVESTMENT

Building & Other Civil Works	-
Machinery & Equipment	275000
Working capital for one month	665400
Total	940400

12. COST OF PRODUCTION (PER ANNUM)

Total recurring cost per year	7984800
Depreciation on machinery & equipment	28000
Interest on total investment @ 10%	94000
Total	8106800

13. SALES PROCEEDS (PER ANNUM)

S.N.	Item	Qty (Nos)	Value (Rs.)
1.	Rolling Shutters	300	9000000
	Total		9000000

14. PROFITABILITY (BEFORE INCOME TAX)

1.	Annual Gross Profit	893200
2.	% of Profit on Sales	9.92%
3.	Break Even Analysis	
3.1	Annual Fixed Cost	484800
3.2	Annual Sales	9000000
3.3	Annual Variable Cost	7500000
3.4	Break Even Point	32.22%

Break-Even Analysis

(% of Total Production envisaged)

$$\frac{\text{Annual fixed cost} \times 100}{\text{Annual sales} - \text{Annual variable costs}} = \%$$

15. Manufactures/ Suppliers of Machinery

1	Gujrat engineering enterprises 31/1, Paigah Estate, Near SBI, Jehangirabad, Bhopal Ph. 2576240
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2.	Jitendra agencies 5, Shivsadan, Sardar Patel Marg, Indore.
3.	Indore machinery stores 40, siyaganj, main road, Indore 452 007 Ph. 534339
4.	Huma traders Infront of Shajanabad Thana, Shajanabad, Bhopal(m.p.)
5.	Maruti Sales Corporation Badshah Chamber, 45, Jawahar Marg, Indore (M.P.) 452 004
6.	Associated Commercial & Engg. Corpn. Hamidia Road, Bhopal PH 745287

16. Suppliers of Raw Materials

From Local Steel and Hardware shops of the area.

17. IMPLEMENTATION PERIOD

Proposed Project can commence production with in 6-8 weeks after sanction and first disbursement of term loan.

18. ASSUMPTION FOR GENERATING PROJECT PROFITABILITY

1	Number of Working Days in a year	300 Days
2	Number of Shifts in a day	1 One
3	Hours in a Shift	8 hours
4	Plant Capacity	Consider on Average production capacities of plant.
5	Raw material Estimates	Based upon product Mix
6	Raw Material Availability	All districts of MP

7	Depreciation	Straight Line Method
8	Manpower	According to project Requirement
9	Rent estimate	On the basis of current market prize of the area.
10	Potential Area of Marketing the products	Upcoming enterprizes of the area.
11	If project is funded, term loan would be	60-80% of Total investment
12	Moratorium Period	6- 12 months
13	Repayment Period	5-7 years
14	Project may be established under	PMEGP (GOI) / Tribal Self Employment Scheme (NSTFDC) or Rani Durgawati Scheme of MP