

A MODEL SCHEME ON Steel Gate and Grill/ Steel Fabrication

- 1 **Introduction** Fabricated steel products cover a host of items such as grill gates, rolling shutter, tanks etc. Items such as gates, grills, tanks and rolling shutter have huge demand due to rapid growth of urbanisation and growth in commercial establishments. Units manufacturing items like tanks, gates, grills, rolling shutter are few in number and hence there are good prospects in the line for storage entrepreneurs, especially those who are technically qualified.
- 2 **Brief description of manufacturing** The main process steps are –(A). Cutting or shearing of the materials to size..
(B). Welding the sized material as per design of product to be made
(C). Grinding edges and surfaces to smoothness.
(D). Providing a coat of red oxide paint to the article produced.
- 3 **Scope of Project** Due to increasing decorative and fashion consciousness amongst urban and rural people it's scope for growth is expected to be steady
- 4 **Location** Any place with good connectivity either in road or in railways or both is suitable for this project.
- 5 **Project Cost** ₹ 2,16,800.00
- 6 **Means of finance**

a) Own contribution (10%)	Rs.	21680.00
b) Govt. Subsidy	Rs.	25000.00
c) Bank Loan	Rs.	170120.00

7 **Total Power requirement (HP/ KWH): HP**

8 **Project Analysis**

A **Fixed Capital/ Capital Expenditure**

- i Work Shed/ Building : Own Rented
- ii Area of work shed : 600 (in sq. Mt)

iii **Machinery & Equipments** :

Sl No	Name of machinery/Equipment	Rate	Quantity	Amount
a	Sheet bending machine	₹ 30,000.00	1	₹ 30,000.00
b	Welding machine	₹ 12,000.00	1	₹ 12,000.00
c	Drill machine stand	₹ 9,000.00	1	₹ 9,000.00
d	Air compressor with motor	₹ 14,000.00	1	₹ 14,000.00
e	Hand grinder machine	₹ 4,000.00	1	₹ 4,000.00
f	Hand drill machine	₹ 4,000.00	1	₹ 4,000.00
Sub Total				₹ 73,000.00

Furniture & Other Cost

Sl No	Detail of Furniture/Expenses	Amount
a	Small Tools & Equipments	₹ 10,000.00
b	Transportation & Installation Charges	₹ 5,000.00
c	Electrification & Security Deposit	₹ 15,000.00
d	Furniture & Fittings	₹ 2,000.00
e	Pre-operative expenses	₹ 2,000.00
Sub Total		₹ 34,000.00

v **Total Fixed Capital/ Capital Expenditure (iii + iv)** = ₹ 1,07,000.00



B Recurring Cost (Per Month)**i Raw Material**

Sl No	Name of the raw material	Rate	Quantity	Amount
a	M/S Flat	₹ 600.00	44.00	₹ 26,400.00
b	M/S Angle	₹ 500.00	40.00	₹ 20,000.00
c	Solid Bar	₹ 400.00	44.00	₹ 17,600.00
d	M/S T- Angle	₹ 400.00	42.00	₹ 16,800.00
Sub Total				₹ 80,800.00

ii Salary & Wages

Sl No	Employment	Rate	No	Amount
a	Manager cum supervisor	₹ 0.00	1	
b	Skilled worker	₹ 5,000.00	2	₹ 10,000.00
c	Unskilled worker	₹ 3,000.00	3	₹ 9,000.00
Sub Total				₹ 19,000.00

iii Other Expenses

Sl No	Detail of Expenses	Amount
a	Electricity	₹ 2,500.00
c	Rent (if any)	₹ 0.00
b	Stationery	₹ 2,500.00
c	Tax & Insurance	₹ 500.00
d	Transportation	₹ 1,500.00
e	Misc	₹ 3,000.00
Sub Total		₹ 10,000.00

iv Working Capital Requirement (i+ ii+ iii) = ₹ 1,09,800.00

4 Total Project Cost

a	Fixed Capital	₹ 1,07,000.00
b	Working Capital	₹ 1,09,800.00
c	Total	₹ 2,16,800.00

5 Cost Analysis per annum

Expenditure		Income	
i	Recurring Cost ₹ 13,17,600.00	1. Projected Sale	
ii	Depreciation ₹ 10,950.00	By sale of 1000 Kg grill p.m @Rs 80 per Kg x12	₹ 9,60,000.00
iii	Surplus/Profit ₹ 7,11,450.00	By sale of 600 Kg shutter p.m @Rs 150 per Kg	₹ 10,80,000.00
₹ 20,40,000.00			₹ 20,40,000.00

Signature of the applicant

Rates and quantities shown may vary as per location and demand of bussiness enterprise.

Prepared by the Directorate of Micro, Small and Medium Enterprises, West Bengal.

Dhurjati Prosad Bose (AD of MSME)

