PROJECT PROFILE ON CEMENT JALLI & ALLIED PRODUCTS MANUFACTURING UNIT

1. INTRODUCTION

Cement Concrete products are the products made of cement, aggregate and sand. Proposed concern will produce different cement products like Jalli, Gamla and Flower Pots etc. of different sizes.

List of the products, which can be manufactured in the industry, is very huge and it is assumed that the proposed concern will manufacture all the products, which it can manufacture. But for the computation of the viability of the proposed project a product mix is considered, which comprises of Cement Jalli, Tanki and Flower Pots.

The size of each product will be totally depending upon the demand of the customer. Whereas, the quality of the product will be good and cement mixture ratio would be 1:2:4. This will also change as per the customer desire. Each and every product will be properly cured in water at least for 7-10 days.

2. MARKET DEMAND

Cement products are the products, which are highly demanded due to their cheapness, airiness or safety. These cement products is ranges from Cement Water Tank, Cement Jalli to Cement Fencing Poles.

Cement Jalli are the products used for ventilation in the houses, where as the tanki are used for storage of water and grains. The demand of these Jalli in rural sector is tremendous as most of the house owner use this jalli in their construction as well as in their boundary wall.

Beside the above products proposed concern also produce other products like fencing poles etc. as per demand in the area. The demand of these products is also very high, due to cost and durability.

3. PRODUCTION TARGETS

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

	Cement Jalli (2'*2')	Tanki	Flower Pots
Quantity (Nos.)	120000	30000	7500
Average Value (Rs)	14400000	900000	187500

4. MANUFACTURING PROCESS

The process starts with the finalization of size and shape of the product, collection of raw materials and their mixing in the mixer, their after mixed cement concrete is poured in the mould, as per the requirement. MS Rods fixed in the mould as per the need of the product prior to pouring the cement concrete mixture in it. Centering will be removed after 2-3 hours and kept in a curing tank for at least 8-10 days. After curing the product may be sold to the customer.

5. QUALITY CONTROL STANDARDS

Quality of the product must be as per customers demand and BIS specification.

6. LAND & BUILDING

1.	Covered area	Sq. Ft.	500
2.	Uncovered area	Sq. Ft.	1000
3.	Total area	Sq. Ft.	500
4.	Whether constructed or Rented		Rented
5.	If constructed, constructed value	Rs	N.A.
6.	If Rented, Rental value (per month)	Rs	2000

7. MACHINERY AND EQUIPMENT

S.N.	Description	Qty.	Value (Rs.)
1.	Wooden Moulds of different products	1	95000
2.	Tasla, Fawda, Ganti etc.	L.S.	
3.	Plate Vibrator	1	
4.	Tube Well with electricals	1	
5.	Concrete Mixer	1	
6.	Sales Tax, Freight & Insurance etc.		5000
	Total		100000

8. RAW MATERIAL (PER MONTH)

S.N.	Particulars	Quantity (MT)	Value (Rs)
1.	Portland Cement	32	128000
2.	Sand	L.S.	10000
3.	Aggregate	L.S.	8000
4.	M S Rods	L.S.	5000
5.	Other Misc. Consumables like lubricants and cotton	L.S.	1000
		Total	152000

9. STAFF & LABOUR (PER MONTH)

S.N.	Particulars	Qty	Rate	Value (Rs)
A	Administrative and Supervisory			
(i)	Manager	1	3000	3000
(ii)	Peon/ Chowkidar	1	2000	2000

B	Technical (Skilled-Unskilled)			
(i)	Skilled Worker	1	3000	3000
(ii)	Unskilled Worker	4	2000	8000
	Sub-Total			16000
	Plus perquisites @ 30% of salaries			4800
	TOTAL			20800

9. OTHER EXPENSES (PER MONTH)

1.	Rent of Land & Building	2000
2.	Electricity Charges	250
3.	Fuel Exp.	0
4.	Advertisement & Travelling	1000
5.	Transport	1000
6.	Consumable & stores etc.	1000
7.	Potage expenses/ telephones	1000
8.	Stationery	1000
9.	Repairs & Maintenance’s	750
	Total	8000

10. WORKING CAPITAL (FOR ONE MONTH)

SL.NO.	DESCRIPTION	AMOUNT(RS)
1	Raw material	152000
2	Salaries & Wages	20800
3	Other Expenses	8000
	Total	180800

11. TOTAL CAPITAL INVESTMENT

Building & Other Civil Works	-
Machinery & Equipment	100000
Working capital for one month	180800
Total	280800

12. COST OF PRODUCTION (PER ANNUM)

Total recurring cost per year	2169600
Depreciation on machinery & equipment	10000
Interest on total investment @ 10%	29000
Total	2208600

13. SALES PROCEEDS (PER ANNUM)

S.N.	Item	Qty (Nos)	Value (Rs.)
1.	Cement Jalli (2'*2')	120000	1440000
2.	Cement Tanki	30000	900000
3.	Flower Pot	7500	187500
Total			2527500

14. PROFITABILITY (BEFORE INCOME TAX)

1.	Annual Gross Profit	318900
2.	% of Profit on Sales	12.62%
3.	Break Even Analysis	
3.1	Annual Fixed Cost	345600
3.2	Annual Sales	2527500
3.3	Annual Variable Cost	1824000
3.4	Break Even Point	49.13%

Break-Even Analysis

(% of Total Production envisaged)

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

15. Manufactures/ Suppliers of Machinery

1	Bombay Machinery & Tools Syndicate 79, Siyaganj, Indore -452 007. Ph.- 536431,542067.
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, Satna(m.p.)
5.	Maruti Sales Corporation Badshah Chamber, 45, Jawahar Marg, Indore (M.P.) 452 004
6.	Om Industries 332, Categorised Market, Hamidia Road, Bhopal

16. Suppliers of Raw Materials

From Local market 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	Households demand 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