



1. PROJECT PROFILE FOR ESTABLISHING CEMENT CONCRETE GRILLS & JALLIES

Category : Manufacturing

Total Cost of Project : Rs. 4,71,000/-

BEP : 51 %

I. INTRODUCTION OF BUSINESS IDEA :

Cement concrete grills and jallis are panels made of different thickness from 2.5 to 7.5 cm. These are very much required in building constructions.

II. PRODUCT AND ITS APPLICATIONS :

The product is used for partition in walls, railings, ventilators etc. It is an essential requirement in building construction.

III. MARKET POTENTIAL :

In Uttar Kannada, the construction activities have been on the increase due to big projects like Seabird and Kaiga. The proposed products are used invariably in construction due to their aesthetic value and functional qualities. There is a lot of potential for the proposed activity. Presently the builders are finding difficulty in procuring the cement grills and jallis in time.

IV. CAPACITY-REVENUE & SALES(1ST YEAR) :

| Sl. No. | Product | Qty. | Rate per Sq Mtr. | Amount (Rs) |
|--------------|-----------------------------------|--------------|------------------|------------------|
| 01. | Cement concrete jallis and grills | 13,600 sq mt | 1200 | 16,32,000 |
| Total | | | | 16,32,000 |

V. MANUFACTURING PROCESS & QUALITY :

Iron moulds are used for the manufacture of precast products as per the specification. The mould frames are lubricated. Cement and sand in 1: 3 proportions is mixed with sufficient water to make slurry. The moulds and frames are then filled with slurry duly providing enforcement with m s rods and wires at suitable depth. The excess material spread over the mould is removed and then the surface is smoothed. After the jallis are shaped, they are released from the moulds and carefully kept on plain surface for 24 hours. Thereafter the jallis are immersed in water for 14 days. After curing the product is ready for dispatch.



VI. COST OF PROJECT AND MEANS OF FINANCE, INCLUDING WORKING CAPITAL REQUIREMENTS :

A. COST OF PROJECT :

| Sl. No | Particulars | Amount (Rs). |
|--------|---------------------------------------|-----------------|
| 1 | Equipments | 3,12,000 |
| 2 | Other fixed assets | 15,000 |
| 3 | Preliminary and preoperative expenses | 10,000 |
| 4 | Deposits | 20,000 |
| 5 | Working Capital Requirements | 1,14,000 |
| | Total | 4,71,000 |

B. MEANS OF FINANCE:

| Sl. No | Particulars | Amount (Rs). |
|--------|--------------|-----------------|
| 1 | Loan @ 75% | 3,55,000 |
| 2 | Equity | 1,16,000 |
| | Total | 4,71,000 |

C. WORKING CAPITAL REQUIREMENT

(Usually, the products are sold against cash or the advance is paid)

| Sl. No. | Particulars | Basis | Period | Amount |
|---------|-------------------|------------------|--------|-----------------|
| 1 | Raw-materials | 8,46,000/12 x 1 | 1 m | 70,000 |
| 2 | Bills receivables | 16,32,000/12 x ¼ | 1 w | 34,000 |
| 3 | Working expenses | | 1m | 10,000 |
| | Total | | | 1,14,000 |

VII. MAIN INPUTS REQUIREMENT :

A. MACHINERY :

| Sl. No. | Particulars | Qty. | Rate | Total Cost |
|---------|--------------------------------|------|----------|-----------------|
| 1. | Concrete Mixer | 1 | 1,50,000 | 1,50,000 |
| 2 | Iron moulds of various designs | 20 | 2,000 | 40,000 |
| 3 | Iron planks | 30 | 500 | 15,000 |
| 4 | Shovels | 10 | 700 | 7,000 |
| 5 | Pans and basins | 10 | 2,000 | 20,000 |
| 6 | Curing tanks | 2 | 30,000 | 60,000 |
| 7 | Tools and accessories | | | 20,000 |
| | Total | | | 3,12,000 |



B. RAW-MATERIALS (PER ANNUM):

| Sl. No. | Particulars | Qty | Rate (Rs.) | Annual Charges (Rs) |
|---------|----------------------|----------|----------------|----------------------|
| 1 | Cement | 50 tons | 9,000 per ton | 4,50,000 |
| 2 | Steel wires and rods | 6 tons | 30,000 per ton | 1,80,000 |
| 3 | Sand | 180 cumt | 1200 | 2,16,000 |
| | Total | | | 8,46,000 |

C. UTILITIES :

| Sl. No. | Particulars | Monthly Charges (Rs.) | Annual Charges (Rs) |
|---------|---------------------|-----------------------|----------------------|
| 1 | Electricity , Water | 5,000 | 60,000 |

D. MAN-POWER REQUIREMENT :

| Sl. No. | Workers | No. | Monthly Salary (Rs.) | Annual Salary (Rs.) |
|---------|-----------------|-----|----------------------|---------------------|
| 01 | Skilled workers | 1 | 8,000 | 96,000 |
| 02 | Helper | 3 | 6,000 | 2,16,000 |
| | Total | | | 3,12,000 |

E. MAIN INFRASTRUCTURE REQUIREMENT :

| | |
|----------|----------------------------------------------------|
| Building | 400 sft built up area Rented @ Rs. 18000 per annum |
| Power | Commercial power connection is required. |
| Water | 1 kl Water per day is required |

VIII. PROFITABILITY PROJECTION (ANNUAL) :

| Particulars | Basis | Amount (Rs). |
|---------------------------|-----------------------|------------------|
| Sales Revenue (Projected) | Ref : IV | 16,32,000 |
| Raw Materials | Ref : VII B | 8,46,000 |
| Man power expenses | Ref : VII D | 3,12,000 |
| Utilities | Ref : VII C | 60,000 |
| Interest | @ 12% | 43,000 |
| Depreciation | @ 20% SLM | 62,000 |
| Overheads | Rent, maintenance etc | 1,00,000 |
| Total Expenses | | 14,23,000 |
| Profit | | 2,09,000 |



IX. FINANCIAL INDICATOR :

| | | |
|--------------------------------------------------------------|----------------------------------------|--------------------|
| Break Even Point $\frac{FC}{SR-VC} \times 100$ | $\frac{2,05,000}{4,05,000} \times 100$ | 51 % |
| Payback period $\frac{COP}{\text{Profit} + \text{Depn.}}$ | $\frac{4,71,000}{2,71,000}$ | 1 year 9 months |

ADDRESSES :

X. SUPPLIERS OF EQUIPMENTS :

Shree Engineering
7, Om Shaktinagar,
Chinnavedampatti
Ganapathy p.o.
Coimbatore-641006
Ph 0422-2669729

XI. SUPPLIERS OF RAWMATERIAL

The raw materials are available in the taluks with local suppliers.