



6. PROJECT PROFILE ON CENTERING, SCAFFOLDING AND FORMWORK MATERIALS CONSTRUCTION EQUIPMENTS HIRING UNIT

Category : Service

Total Cost of Project : Rs. 2,71,000/-

BEP : 32 %

I. INTRODUCTION OF BUSINESS IDEA :

Construction field needs supporting services like centering, scaffolding, bar bending, form work & concreting. A person, who is having construction background with contacts with Civil Engineers & Contractors, can convert these services in to a business opportunity. In this profile construction requirements of urban & semi urban areas of the District have been considered.

II. SERVICE AND ITS APPLICATIONS :

Every construction activity during construction of CC and RCC structures demand Centering Plates, Scaffolding & Formwork Materials along with Concrete Mixer & Vibrators. In the present scenario Construction Industry is enhancing rapidly and we can see construction activities are going on in every corner of our country

III. MARKET POTENTIAL:

The constructions of buildings are increasing in all taluks of the district. As the construction activity is enhancing, it leads to plenty of demand for these services. Every Taluk and even Hobli head quarter is having potentiality to start up of such activities. All those engaged in construction of buildings need these activities. In entire district, there is shortage of such services.

IV. CAPACITY-REVENUE & SALES :

Sl. No.	Product	Qty.	Rate Per sq ft	Sales Amount
01.	Steel Reinforcement, Formwork, Centering, Scaffolding, Mixing & Concreting of different RCC structures like Foundation, Columns, Beams, Slabs, Lintels, Chejja, etc.	72,000 sq ft	15	1,08,0000
TOTAL				1,08,0000

V. SERVICE METHODOLOGY AND QUALITY :

Operating this service is very simple. The equipments and materials are to be transported to the construction site by hiring a tractor or a bullock cart. With the



help of skilled workers bar bending, Centering, Formwork, Scaffolding and Concreting (mixing, Carrying, and vibrating) activities are to be carried out.

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

A. Cost of Project :

Sl. No.	Particulars	Amount (Rs).
1	Equipments	1,40,000
2	Other fixed assets	6,000
3	Preliminary and preoperative expenses	5,000
4	Deposits	20,000
5	Working Capital Requirements	1,00,000
	Total	2,71,000

B. Means of Finance:

Sl. No.	Particulars	Amount (Rs).
1	Loan @ 75%	2,03,000
2	Equity	68,000
	Total	2,71,000

C. Working Capital Requirement:

Sl. No.	Particulars	Basis	Period	Amount (Rs.)
1	Bills receivables	10,80,000/12	1 month	90,000
2	Working expenses	-	1 month	10,000
	Total			1,00,000

VII. MAIN INPUTS REQUIREMENT :

A. Equipments :

Sl. No.	Particulars	No.	Rate	Total Cost
01.	Centering Materials like Plates, Planks, Angles, Beams, GI-Pipes, Bamboos etc.	-	-	1,20,000
02.	Tools (Hammers, Spanners, Bar bending tools, Binding tools, Chchana etc.) & Equipments (Spades, Shovels, Scoops Baskets, Trolleys, Drums, Ladders etc.)	-	-	20,000
	Total			1,40,000



B. Raw-materials/Consumables : (Per Annum)

S. No.	Particulars	Total Cost (Rs.)
1	Nails , Sutli & other consumables	30,000
	Total	30,000

C. Utilities : (Per annum)

Sl. No.	Particulars	Monthly Requirement	Unit Cost	Total Monthly Charges. (Rs.)
	Nil			

D. Man-power requirement :

Sl. No.	Workers	No.	Monthly Salary (Rs.)	Annual Salary (Rs.)
01	Skill workers	1	7,000	84,000
02	Helpers	3	5,000	1,80,000
03	Concreting Workers (on work contract RS.4.00/sq ft)			2,88,000
	Total			5,52,000

E. MAIN INFRASTRUCTURE REQUIREMENT :

Building	Open space is required for Keeping the materials & equipments.
Power	Power connection is required at construction sites.
Water	Water is required for Mixing the concrete.

VIII. PROFITABILITY PROJECTION (Annual) :

Particulars	Basis	Amount (Rs.)
Sales / income (Projected)	Ref : IV	10,80,000
Raw Materials/Consumables	Ref : VII B	30,000
Man power expenses	Ref : VII D	5,52,000
Concrete Mixer & Vibrator Hiring Expenses for 36 days (rs.2000/ per day)		1,08,000
Utilities	Ref : VII C	-
Interest	@ 12%	24,000
Depreciation	30% SLM	42,000
Overheads	Rent for open space, Maintenance etc.	60,000
Total Expenses		8,16,000
Profit		2,64,000



IX. FINANCIAL INDICATOR :

$\frac{\text{Break Even Point FC}}{\text{SR-VC}} \times 100$	$\frac{1,26,000}{3,90,000} \times 100$	32%
$\frac{\text{Payback period COP}}{\text{Profit + Deprn.}}$	$\frac{2,71,000}{3,06,000}$	Less than 1 Year

ADDRESSES :

X. SUPPLIERS OF MACHINERY / EQUIPMENTS :

Local hardware shops