PROJECT REPORT

ON

TERM LOAN AND
WORKING CAPITAL FINANCE
OF
PROJECT REPORT
FOR

CEMENT PRODUCT

MONTH AND YEAR OF PREAPARATION : JANUARY 2023

PREPARED BY :

MSME DEVELOPMENT IN
GOVT. OF INDIA, MINISTRY OF MSME
VIKASH SADAN, COLLEGE SQ., CUTTACK- 3

PREPARED FOR

Sk Dabirudin
S/o- SXXXXXXXXXXX
At- KhXXXal, Po- BadXXXia
Via/Ps- BaXXal, Dist- BalXXe
Pin- 75XXXX, Ph No- 8XXXX9859

PROJECT PROFILE

PRODUCT : CEMENT PRODUCTS

PRODUCTION CAPACITY
(PER ANNUM)

Cement Jall 80.000nos.per annum @ 13/-	10,40,000
Ku Nanda 10000nos@130/	13.00.000
Total	**23,40,000**

MONTH AND YEAR
OF PREPARATION **JANUARY 2023**

PREPARED FOR:

SkXXXXXn
S/o- SXXXXXdin
At- KhaXXXpal, Po-BaXXXulia
Via/Ps- BaXXXl, Dist- BXXXre Pin-
75XXX, Ph No- 89XXXX59

INTRODUCTION:

Kuananda jail are User biking and The cost of production of R.C.C. usually made from ron frame in cold conditions. R.C.C. mixture is as per the 15 standard for R.C.C. pipes. Kuananda size starts from 1½ foot dia to 10 foot dia depending upon the purpose of use. Mostly used in erben, rural & serben areas, Kuanands can also be used for the purpose of overhead tank in the building. This industry is highly profitable unit when produced as per the customers specification. Cement Jallies are the period panels with a thickness of not less than 2.5 can used in construction of houses, schools & public buildings etc, as partition panels in the wall and ventilators. Cement jallies / ventilators and other allied decorative items are precast concrete products. The gross area covers 1 sqft to 6 sqft in building wall

MARKET POTENTIAL:

The demand for cement jallies and kuaniande increases correspondingly with the increase of building construction activity and irrigation development, Swice the product is low cost, durable, manufactured as per demand with fascinating designs and qualities. It can be have business potential. There are good demand in development authorities, co operators and promoters in a face growing area.

BASIS AND PRESUMPTION:

1. The profile is prepared for single shift and 300 working days per annum. Working hours can be increased as per the market demand,

2. Plant and machinery capacity utilization is considered 70% and full capacity utilization may be achieved after two years.

3. Depreciation on building is considered @ 10% SLM as plant and machinery at the rate of 15% SLM and interest rate on capital investment 12% for the financial analysis.

4. Cement sand satro used in the mixture are 1:4 for cement jallies and 1:2.5: 2.5 in Kuananda.

5. Cost of machinery, labour, raw materials is taken as per local lo provided. This may vary with many other local factors except time, place, etc.

6. 75% of machinery capacity utilization has been considered

IMPLEMENTATION SCHEDULE:

Activity	Duration
1. Survey for collection of data in respect of demand, raw materials, including power, fuel, water, technology, pollution control etc.	0-1 month
2. Arrangement for margin money	2-3 month
3. Preparation of project document & registration etc.	1-3 month
4. Financial assistance, selection of land, Electricity, tie up etc.	3-6 month
5. Arrangement for machinery, mould, raw material etc.	6-8 month
6. Trade production, market arrangement	9 months

TECHNICAL ASPECTS:

Casing techniques is the base of manufacturer of Cement jalles and Kuananda (well ring). The process does not revolve satisfacted machinery. For mixing of cement, stone dust, chips, and requires mixture (concrete). For casting it requires mould of different sizes and vibrations. The mould are lubricated with kerosene oil and kept ready for molding. Then cement and sand in proportionate (1:3) with proportionate water is mixed to make concrete mixture the moulds are then filled with concrete mixer duly providing reinforce that with M.S.Rods and wires, rings at suitable intervals. The excess material spread over the mould is removed the surface is smoothened with the help of a towel. The jallies in different shapes and designs are then remixed from the moulds and kept in a plain dry surface for about 24 hours. These jallies/well rings are then immersed in water for 14 days for curing in order to develop strength and make more durable. After curing the jallies are dried and stored for marketing

QUALITY SPECIFICATIONS:

To ensure the proper quality as per the customers requirement, the unit should have minimum testing facilities for strength analysis.

TOTAL POWER REQUIREMENT: **20 HP**

POLLUTION CONTROL:

The unit is non-polluting generally. However permission should have to be maintained from local office for pollution clearance. Care has to be taken for any excess dust and thereby air pollution.

ENERGY CONSERVATION:

General precautions for saving electricity are required to be followed by the unit by adopting energy conservation techniques not only to conserve the power but also to save consideration expenditure on their own interest.

FINANCIAL ASPECT:

Land and Building:

Land: **OWN**

Construction of Office building
And shed construction, plant & m/c etc.

1200 sq.ft.@ Rs.300/sq.ft.	3,60,000
Borewell, curing tank, etc.	1.10,000
	4,70,000

MACHINERY AND EQUIPMENTS:

Sl. No.	Description	Oty	Rate
1	Mixing plant from Cement Concrete		6,000
2	Mould 3 feet x 1 feet, 3.5 x 1 feet for Kua Nanda	4 sets	16,000
3	Cement Jalli mould	25 Nos.	5,000
4	Kirloskar Pump V½ H.P.	1 Set	3,000
Total			**30,000**

PREOPERATIVE EXPENDITURES:

Project profile	300
Travelling	3000
Telephone connection	2000
Electrification	3000
Other misc.	2200
	10,500

TOTAL FIXED CAPITAL = 4,70,000 + 30,000 + 10,500 = 5,30,000

RAW MATERIAL REQUIREMENT (PER MONTH)

Sl.No.	Item	Qty.	Rate	Amount
1	Cement	20 MT	@3,300-	66,000
2	Sand	3000 cft (16 trucks)	800/ truck	12,800
3	Stone chips/ Aggregates	4000 cft (13 trucks)	2000/ truck	
4	Mild steel/Rod etc.	3 T	2500	7,500
5	Mould oil, grease etc.			2,000
Total				**1,14,300**

STAFF AND LABOUR (PER MONTH):

i)	Manager	self	3000
ii)	Supervisor	2 no	2500
iii)	Unskilled worker	6 no @ 1200/-	7200
iv)	Skilled worker	4 no @ 1500/-	6000
v)	Security/office boy	2 no @ 1000/-	2000
			20,700

UTILITY AND OTHER EXPENSES PER MONTH:

i)	Electricity	5000
ii)	Stationery/stamp etc.	2000
iii)	Repair and maintenance	2500
iv)	Consumables	2000

	11500
TOTAL RECURRING EXPENSES (PER MONTH):	
1. Raw materials	1,14,300
2. Staff and labour	20,700
3. Utility and other expenses	11,500
	1,46,500/-
TOTAL CAPITAL INVESTMENT:	
Total Fixed Capital	5,30,000
Working capital (2 months)	4.30.500
	9,69,500/-
MEANS OF FINANCE:	
Promoter contribution @ 5%	49,000
Bank finance @ 95%	9,21,025
Subsidy provided by KVIC/KVIB @ 35%	3,42,375
COST OF PRODUCTION (PER ANNUM):	
Total Recurring expenses	17,58,000
Depreciation on machinery @ 15%	4,500
Depreciation on Building 5%	20,000
Interest on capital Inv. @ 13%	1,26,035
	19,14,535/-
Annual turnover:	
Cement Jall 80,000 nos. per annum @ 13/-	10,40,000
Kua Nanda 10,000 nos @ 130/-	13,00,000
	23,40,000
PROFITABILITY ANALYSIS:	
Net profit= Annual turnover - cost of production =	4,25,465/-
Net profit Ratio (%)	18.1%
Rate of return (%)	44%

Average Fixed Cost (AFC):

Depreciation total	30,500
Interest total	1,26,035
40% of salary and wages	99,360
40% of utility and other expenses	55.200
	3,11,095/-

Break Even point (%) = $\frac{\text{AFC x 100}}{\text{P+ AFC}} = \frac{\text{3.11.095 x 100}}{\text{7,36,560}}$ = 42.2%

SUPPLIERS OF MACHINERY AND EQUIPMENT:

1. M/s. Bhine and Sons Pvt. Ltd., 111A, Factory Area, Shivaji Nagar (N), Sangli-416416.
2. M/s. Prakash, Fabricatiors, 1034E, Rajaram Road, Kolhapur (MH), Ph.0231-657594.
3. M/s. A.P.L. Industries, 4 Dave Industrial Estate, 9, Bhaktinagar Station Road, Rajkot-2, Gujarat-360002.
4. M/s. Minato Shrke Concrete Machinery (P) Ltd., 72-76, Industrial Estate, Mundhwa, Pune- 411036.