

PROJECT PROFILE

FOR

SETTING UP A NEW UNIT
FOR MANUFACTURING

OF

PRECASTED FLY ASH BASED PRODUCTS

BY

N T C TILES LLP (Unit No VII)

AT

Vill Sabilpur, Raipur Rani
Distt Panchkula (Haryana)

I INTRODUCTION

N T C TILES LLP proposes to set up a new project (Unit No VII) for manufacturing of various types of Fly Ash Bricks for civil construction industry. The project is proposed to be set up on Land and Building at Vill Sabilpur, Raipur Rani, Distt Panchkula (Haryana) already owned by Sh Vishnu Gupta, one of the Promoters and the same shall be leased out to the Firm on long term basis.. The installed capacity of the unit is estimated at 6,25,000 pcs of Fly Ash Bricks per month and the total installed capacity is proposed to be utilized at 60%, 70% and 80% during the First, second and third year onwards respectively.

The Unit has been promoted by Sh Prem Chand Gupta along with his sons who are well experienced in the business and men of substantial network. The promoters are successful running various Industries/Business enterprises manufacturing similar kind of Products

II. MANAGEMENT & TECHNICAL COMPETENCY:-

The Promoters shall look after the day –to – day affairs of the concern

The promoter shall be assisted by the competent General Manager / Production Manager to take care of the day-to-day technical aspect of the plant operation.

The Promoters are men of substantial means and have adequate resources to raise the requisite promoter's capital contribution.

III PRODUCTION FACTORS AND UTILITIES

- 1 SITE: The site shall be having all the infrastructure facilities in the shape of availability of power. Labour and well connected roads.

2 Power

This project requires 400 KW of electrical power. The company shall approach State Electricity Board for sanction of requisite power connection. Provision has been made in the Project cost for installation of Generating Set for meeting the essential load of lighting and utilities atleast.

3 WATER

Water required in the Manufacturing process and the requirement of Drinking Water and for other human consumption shall be met from the Tubewell to be installed at the site and also from the Government Supply.

4 RAW MATERIAL

The basic raw material for manufacturing of Pre cast Fly ash based tiles and blocks is Cement, Fly Ash and Zypsum. All the raw materials are available in the open market indigenously

5. MAN POWER REQUIREMENTS

Man power requirements is estimated at 30 persons and the same would be recruited accordingly either locally or from other places. The requirement of skilled persons would be 5 whereas additional 25 semi skilled/unskilled workers would be employed. In addition 5 persons would be required in the administrative and marketing department, whereas 2 security personnel would also be employed. Overall the Project is estimated to generate employment for around 30 persons, which will improve the local economy. Efforts would be made to recruit maximum number of employees from the state of Haryana

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COST OF PROJECT & MEANS OF FINANCING

A. COST OF PROJECT

(Rs. in Lacs)

S.NO.	PARTICULARS	AMOUNT
1.	Land	0.00
2.	Land Development	0.00
3.	Building	0.00
4.	Plant & Machinery	41.31
5.	Misc. Fixed Assets	11.00
6.	Pre-Operative Expenses	2.00
7.	Contingencies	1.31
8.	Margin Money for Working Capital	18.14
		<hr/> <hr/> 73.76
1	CAPITAL	43.76
2	Unsecured Loan from promoters	30.00
3	Term Loan From BANK	0.00
		<hr/> <hr/> 73.76

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DETAILS OF PLANT AND MACHINERY

PARTICULARS	Rate **	Qty.	Amount (Rs. in Lacs)
Three Dryer Mixers			1.50
Two Wet Mixers			5.00
Wearing Layer Wt Mixers(4 Sets0			6.00
Vibrating Tables (4 sets)			1.00
Auto Pressing (2)			2.00
PVC Moulds /Ply (5000 Nos0) * 6 cavity			5.00
Testing Lab			2.00
Mechanical Workshop			5.00
Wooden Planks,Racks and Pallet trucks etc			4.00
Generator set			6.00
Electrical cables,Panel boards etc			3.00
	TOTAL		40.50
Add: Freight, Insurance & Charges @ 2%			0.81
	GRAND TOTAL		41.31

WORKING CAPITAL REQUIREMENT

S.No.	Particulars	Period (In Months)	I	II	III
1	Raw Material	1.0	12.60	14.70	16.80
2	consumables	1	0.13	0.15	0.17
3	Power & Fuel Expenses	1	1.20	1.40	1.60
5	Wages & Salary	1	5.60	5.88	6.17
6	Repair & Maintenance Exp.	1	0.50	0.60	0.70
7	Freight & forwarding expenses	1	0.50	0.55	0.60
8	Misc. Admn. Expenses	1	1.00	1.10	1.20
	Total		21.53	24.38	27.24
	Cost of Production P.M.		21.53	24.38	27.24
	Goods in Process	1 Days	0.86	0.98	1.09
	Stock of finished goods	15.00 DAYS	12.92	14.63	16.34
9	Credit Sales	20.00 days	17.22	19.50	21.79
10					
11	Total Working Capital		52.52	59.48	66.47
	Less Creditors against Raw material and packing material		6.36	7.42	8.48
12	NET WORKING CAPITAL		46.16	52.05	57.98
12	Less : Bank finance available @ 75% against paid stocks and Book Debts		28.02	31.89	35.78
13					
	Margin Money for Working Capital		18.14	20.16	22.20

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RAW MATERIAL REQUIREMENT

DETAILS OF VARIOUS RAW MATERIAL

S.No.	Particulars	QTY	RTE (Rs)	AMOUNT (Rs in lacs)
	Cement Bags	2500	380	9.50
	Fly Ash(M.T)	600	1250	7.50
	Bajri,Sand etc			4.00
	Monthly Raw material cost			<u>21.00</u>

Raw Material Cost per annum

252.00 Lacs

R.M. Cost at

60% C.U.

151.20 Lacs

70% C.U.

176.40 Lacs

80% C.U.

201.60 Lacs

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DETAIL OF MANPOWER REQUIREMENT

PARTICULARS	QTY	Salary per month (Rs)	TOTAL (Rs in lacs)
General Manager	1	30000	0.30
Foreman/Quality control incharge	1	20000	0.20
Semi skilled/Unskilled workers	25	15000	3.75
Adminstrative/Marketing staff	3	18000	0.54
Security staff	2	15000	0.30
Total Salary & wages per month			5.09
Add ;Perquisites @ 10%			0.509
TOTAL			5.599
Annual Wages & Salaries			67.19

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COST OF PRODUCTION & PROFITABILITY ESTIMATES

(Rs. in Lacs)

	Year	I	II	III	IV	V
CAPACITY UTILISATION (%)		60	70	80	80	80
1 Raw Material		151.20	176.40	201.60	201.60	201.60
2 Power & Fuel Exp.		14.40	16.80	19.20	19.20	19.20
3 Wages & Salaries		67.19	70.55	74.07	74.07	74.07
4 Repair & maintenance		6.00	7.20	8.40	8.40	8.40
4 freight & forwarding expenses		6.00	6.60	7.20	7.20	7.20
5 Consumables		1.51	1.76	2.02	2.02	2.02
7 Depreciation (WDV)		5.36	4.83	4.34	3.91	3.52
8 Interest on						
- Term loan		0.00	0.00	0.00	0.00	0.00
- Bank Borrowings		2.80	3.19	3.58	3.58	3.58
9 Rent, Taxes & Insurance		6.00	6.30	6.62	6.95	7.29
10 Misc. Admn. Expenses		12.00	13.20	14.40	14.40	14.40
11 Selling & Distribution expenses		11.70	13.65	15.60	15.60	15.60
12 Total Cost of Production		284.16	320.48	357.03	356.92	356.88
13 SALES		292.50	341.25	390.00	390.00	390.00
14 Operating Profits		8.34	20.77	32.97	33.08	33.12
Total income		8.34	20.77	32.97	33.08	33.12
15 Less : Income Tax		2.50	6.23	9.89	9.92	9.94
16 Net Profit		5.84	14.54	23.08	23.15	23.18

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DETAILS OF SALES PROCEEDS AND INSTALLED CAPACITY

SALES

Product	Qty per month pcs	Rate (Rs) per pc	Sales (Rs in lacs)
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FLY ASH BRICKS	625000	6.50	40.63
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Annual Sales at 100% C.U.

40.63

ANNUAL SALE AT 100% INSTALLED CAPACITY
(300 DAYS)

487.50 LACS

Sales at

60% C.U.

292.50

70% C.U.

341.25

80% C.U.

390.00

N T C TILES LLP (Unit No VII)**PROJECTED BALANCE SHEET**

(Rs. In Lacs)

S.No.	I	II	III	IV	V
LIABILITIES					
Share capital	43.76	43.76	43.76	43.76	43.76
Unsecured loans	30.00	30.00	30.00	30.00	30.00
Reserves & Surplus	5.84	16.00	34.71	53.48	72.29
Term Loan from Bank	0.00	0.00	0.00	0.00	0.00
Bank Borrowing for W.C	28.02	31.89	35.78	35.78	35.78
	107.61	121.65	144.25	163.02	181.83
ASSETS					
Gross Fixed Assets	55.62	55.62	55.62	55.62	55.62
Less Depreciation	5.36	10.19	14.53	18.44	21.96
Net Fixed Assets	50.26	45.43	41.09	37.18	33.66
Current assets	46.16	52.05	57.98	57.98	57.98
Cash & Bank Balances	11.20	24.17	45.18	67.86	90.19
	107.61	121.65	144.25	163.02	181.83