

PROJECT PROFILE ON RCC SPUN PIPE

Introduction

Reinforced cement concrete spun pipes are generally used in the public Health Engg. Deptt. Public Works Deptt., Agriculture and Forest Deptt. National High-ways, Environment Engg. Deptt & Municipal Corporation etc. These pipes are widely used for water drainage sewerage, culverts and irrigation. RCC pipes are classified as pressure and non-pressure pipes viz. NP1, NP2, NP3, P1, P2 P3 for use in specific conditions. These pipes are made from cement, coarse and fine aggregate, sand, mild steel and HT rods and bars.

1 Name of the Product : **PLASTER OF RCC SPUN PIPE**

2 Project Cost :

a Capital Expenditure

Land : Own

Work she sq.mtrs : 0 Rs.

Equipment : Rs. **1,156,000.00**

1) Pipe moulding machine 2) Cage winding machine 3) Concrete mixer
4) Collar winding drum with stand 5) Gantry with pull-push trolley
6) Testing equipments 7) Collar moulds 8) Pipe moulds 9) Electrification
& Installation charges 10) Office equipment & furniture.

Total Capital Expenditure Rs. **1,156,000.00**

b Working Capital Rs. **640,000.00**

TOTAL PROJECT COST : Rs. **1,796,000.00**

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in tons	Rate	Total Value
1	RCC SPUN PIPE	20000.00	220.00	4408.84
TOTAL		20000.00	220.00	4408.84

4 Raw Material : Rs. **3,000,000.00**

5 Labels and Packing Material : Rs. **20,000.00**

6 Wages (6-Skilled & 6-Unskilled) : Rs. **864,000.00**

7 Salaries -1 manager Rs. **120,000.00**

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8	Administrative Expenses	:	Rs.	75,000.00
9	Overheads	:	Rs.	60,000.00
10	Miscellaneous Expenses	:	Rs.	25,000.00
11	Depreciation	:	Rs.	115,600.00
12	Insurance	:	Rs.	11,560.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	150,280.00
	b. W.C.Loan	:	Rs.	83,200.00
	Total Interest		Rs.	233,480.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	381,840.00
	Variable Cost		Rs.	4,027,200.00
	Requirement of WC per Cycle		Rs.	734,840.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	381.84	229.10	267.29	305.47
2	Variable Cost	4027.00	2416.20	2818.90	3221.60
3	Cost of Production	4408.84	2645.30	3086.19	3124.37
4	Projected Sales	5096.00	3057.60	3567.20	4076.80
5	Gross Surplus	687.16	412.30	481.01	549.73
6	Expected Net Surplus	572.00	297.00	365.00	434.00

- Note :
- 1.All figures mentioned above are only indicative.
 - 2.This is model project profile for guidance
 - 3.Cost of Project, and its priority will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..