

PROJECT PROFILE ON PLASTER OF PARIS (Big type)**Introduction :**

Plaster of Paris , which is calcium sulphate with half molecule of water of crystallization ($\text{CsSO } 4 \frac{1}{2} \text{ H}_2\text{O}$). It possesses outstanding property of setting and subsequent hardening when mixed with water.

Plaster of paris is extensively used in ceramic industry for the preparation of models., moulds and plaster toys. It is also used as a main raw materials in the manufacture of chalk crayons, gypsum plaster boards, decorative picture frames besides a wide range of applications in the interior decoration of buildings and other establishments.

1 Name of the Product : **PLASTER OF PARIS B, Type**

2 Project Cost :

a Capital Expenditure

Land : Own

Work shed in sq.ft rented 1000 Rs. 200,000.00

Equipment : Rs. 600,000.00

Rotary Cylindrical drum calcines big (fabricated), Attrition Disc Pulveriser 3 MT/Hr. with 10 HP Motor and other accessories, Erection and installation charges, Office equipment such as furniture and almirah etc., Pre-operative expensive , Pre-operative expenses.

Total Capital Expenditure Rs. 800,000.00

b Working Capital Rs. 550,000.00

TOTAL PROJECT COST : Rs. 1,350,000.00

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in MT.	Rate	Total Value
1	PLASTER PARIS MEDIUM, B, Type			3068.00
TOTAL		0.00	0.00	3068.00

4 Raw Material : Rs. 1,500,000.00

5 Labels and Packing Material : Rs. 100,000.00

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.	120,000.00
9	Overheads	:	Rs.	120,000.00
10	Miscellaneous Expenses	:	Rs.	60,000.00
11	Depreciation	:	Rs.	70,000.00
12	Insurance	:	Rs.	8,000.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	104,000.00
	b. W.C.Loan	:	Rs.	71,500.00
	Total Interest		Rs.	175,500.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	412,000.00
	Variable Cost		Rs.	2,655,500.00
	Requirement of WC per Cycle		Rs.	511,250.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	412.00	247.20	288.40	329.60
2	Variable Cost	2656.00	1593.60	1859.20	2124.80
3	Cost of Production	3068.00	1840.80	2147.60	2188.80
4	Projected Sales	3800.00	2280.00	2660.00	3040.00
5	Gross Surplus	732.00	439.20	512.40	585.60
6	Expected Net Surplus	662.00	369.00	442.00	516.00

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