

KVIC- PMEGP

PROJECT PROFILE ON MINERAL GRINDING

Introduction

Mineral grinding industry plays a vital role in the development of glass, ceramics, refractories, chemical, pharmaceuticals, pigments, pesticides, agro chemical, paints, poultry feed, beneficiation etc. Pulverisers of latest design grinds anything grindable, incorporating 3 actions in one unit grinding, sieving and collection. Pulverisers grinds various materials, ranging from 40 mesh to 325 mesh powder forms with dustless operation and are available in various capacities from 50 kgs. to 2000 kgs. per hour.

1 Name of the Product : **MINERAL GRINDING**

2 Project Cost :

a Capital Expenditure

Land : **Own**

Work she sq.mtrs Rs. **600,000.00**

Equipment : Rs. **600,000.00**

1) Jaw Crusher 2) Attrition type 3)Edge runner mill 4)Rotary Screen 5) Vibrating Screen 6) Magnetic separator 7) Wheel barrows, shovels, tools and fixtures 8)Pollution control 9) Electrification & installation 10) Office Furniture

Total Capital Expenditure Rs. **600,000.00**

b Working Capital Rs. **600,000.00**

TOTAL PROJECT COST : Rs. **1,200,000.00**

3 Estimated Annual Production Capacity:

(Rs. in 000)

Sr.No.	Particulars	Capacity in tons	Rate	Total Value
1	MINERAL GRAINDING	3600.00	1022.00	3680.00
TOTAL		3600.00	1022.00	3680.00

4 Raw Material : Rs. **2,790,000.00**

5 Labels and Packing Material : Rs. **25,000.00**

6 Wages (3-Skilled & 2-Unskilled) : Rs. **408,000.00**

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

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8	Administrative Expenses	:	Rs.	75,000.00
9	Overheads	:	Rs.	75,000.00
10	Miscellaneous Expenses	:	Rs.	25,000.00
11	Depreciation	:	Rs.	60,000.00
12	Insurance	:	Rs.	6,000.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	78,000.00
	b. W.C.Loan	:	Rs.	78,000.00
	Total Interest		Rs.	156,000.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	304,000.00
	Variable Cost		Rs.	3,376,000.00
	Requirement of WC per Cycle		Rs.	613,333.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	304.00	182.40	212.80	243.20
2	Variable Cost	3376.00	2025.60	2363.20	2700.80
3	Cost of Production	3680.00	2208.00	2576.00	2606.40
4	Projected Sales	4000.00	2400.00	2800.00	3200.00
5	Gross Surplus	320.00	192.00	224.00	256.00
6	Expected Net Surplus	260.00	132.00	164.00	196.00

- 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..