## PROJECT REPORT

## Of

## Plaster of Paris Manufacturing

## PURPOSE OF THE DOCUMENT

This particular pre-feasibility is regarding Plaster of Paris Manufacturing Unit.

The objective of the pre-feasibility report is primarily to facilitate potential entrepreneurs in project identification for investment and in order to serve his objective; the document covers various aspects of the project concept development, start-up, marketing, finance and management.
[We can modify the project capacity and project cost as per your requirement. We can also prepare project report on any subject as per your requirement.]

## PROJECT AT A GLANCE

| 1 | Name of the Entreprenuer | XXXXXXX |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 2 | Constitution (legal Status) | XXXXXXX |  |  |
| 3 | Father's/Spouce's Name | XXXXXXXX |  |  |
| 4 | Unit Address | XXXXXXXX |  |  |
|  |  | Taluk/Block: <br> District : <br> Pin: <br> E-Mail <br> Mobile | $\begin{aligned} & X X X X X \\ & X X X X X \\ & X X X X X \\ & X X X X X \end{aligned}$ | State: |
| 5 | Product and By Product | Plaster of Paris Manufacturing |  |  |
| 6 | Name of the project / business activity proposed : | Plaster of Paris Manufacturing |  |  |
| 7 | Cost of Project | Rs25lac |  |  |
| 8 | Means of Finance <br> Term Loan <br> KVIC Margin Money <br> Own Capital <br> Working Capital | Rs.13.29 Lacs <br> As per Project Eligibility <br> Rs.2.5 Lacs <br> Rs.9.2 Lacs |  |  |
| 9 | Debt Service Coverage Ratio | 3.69 |  |  |
| 10 | Pay Back Period | 5 | Years |  |
| 11 | Project Implementation Period | 6 | Months |  |
| 12 | Break Even Point : | 32\% |  |  |
| 13 | Employment | 6 | Persons |  |
| 14 | Power Requirement | 10.00 | HP |  |
| 15 | Major Raw materials |  |  |  |
| 16 | Estimated Annual Sales Turnover : | 45.56 | Lacs |  |
| 16 | Detailed Cost of Project \& Means of Finance |  |  |  |

## COST OF PROJECT

| (Rs. In Lacs) |  |
| :--- | ---: |
| Particulars | Amount |
| Land | Rented/Owned |
| Building \& Civil Work (2500 Sq Ft | 3.50 |
| Plant \& Machinery | 10.10 |
| Furniture \& Fixtures | 0.67 |
| Pre-operative Expenses | 0.50 |
| Working Capital Requirement | 10.23 |
| Total | $\mathbf{2 5 . 0 0}$ |


| Particulars | Amount |
| :--- | ---: |
|  |  |
|  |  |
| Own Contribution @10\% | 2.50 |


| Term Loan | 13.29 |  |
| :--- | :--- | ---: |
|  | Workign Capital Finance | 9.20 |
|  |  |  |
|  |  |  |
|  | Total | $\mathbf{2 5 . 0 0}$ |

# PROJECT REPORT <br> ON <br> PLASTER OF PARIS 



## INTRODUCTION

Plaster of Paris which is calcium sulphate with half molecule of water of crystallization (CaSo4. $1 / 2 \mathrm{H}_{2}$ o) and hygroscopic characteristics obtained by duly calcined the raw material i.e. Gypsum ( $\mathrm{CaSo}_{4} 2 \mathrm{H}_{2} \mathrm{O}$ ). It possesses outstanding property of setting and subsequent hardening when mixed with water.
Plaster of Paris is extensively used in ceramic industry for preparation models and moulds. It is also used as main raw material in the manufacture of toys \& statues, chalk crayons, gypsum plaster boards, and decorative picture frames besides wide range of applications in the interior decoration of buildings and other establishments.

## PLANT CAPACITY PER YEAR: -

1,200 MT

## MARKET \& DEMAND ASPECTS

As there is growing building construction activity thus requiring large quantities of Plaster of Paris. Demand for the product is also increasing in making mould \& models. There is also considerable demand for the plaster of Paris arising from a large number of studies and establishments engaged in making statutes and interior decoration as well as decorative plaster boards for false ceiling etc, which is in turn creating a good scope for setting up new units in this line of manufacture. They are extensively used for writing on black boards and markings on any colored surface. Hospitals and Dental laboratories-pharmaceutical grade, Orthopedic plasters are used by hospitals and clinics for all types of orthopedic cast work such as surgical caste, orthopedic bandages etc

RAW MATERIAL: - Major raw materials require are the Gypsum, maleic anhydride, and Sodium hydroxide.Gypsum available in form of NATURAL GYPSUM, MARINE GYPSUM, DRIED GYPSUM and PHOSPHO GYPSUM.

## MANUFACTURING PROCESS

Gypsum is the basic raw material required to manufacture Plaster of Paris. These are cleaned and washed for removal of impurities, dried in sunlight and then pulverized. Gypsum powders are calcined in a rotary drum calcinatory using light diesel oil/firewood/coal as fuel. The low pressure burner is sufficient to reach the calcinations
temp. ranges from $160^{\circ} \mathrm{C}$ to $180^{\circ} \mathrm{C}$. The process of calcinations is done over a period of about 2 hours, so that $11 / 2$ molecule of water is removed to obtain the required properties. After cooling the calcined powder is passed through 150 mesh and packed in airtight polythene lined gunny bags.This technology is locally available and also can be availed from Central Building Research Institute, Roorke (UP).

## PRESUMPTION:-

- The proposed project envisaged to manufacture 3 MT per day.
- The unit will run on single shift basis per day and 300 working days per year at $75 \%$ capacity utilization.
- To achieve production capacity, 15 days trial production is required.
- The salary \& wages is considered on the basis of prevailing market rate.
- The break-even point is calculated on Average capacity utilization basis
- Interest on total capital investment has been taken into account @11.50\%.
- Cost of machinery \& equipment, raw material indicated in the project are to be revised according to the prevailing market rates at the time of actual implementation.

UTILITIES: 10 HP Power

FINANCIAL ASPECTS

PROJECTED BALANCE SHEET

| PARTICULARS | IST YEAR | IIND YEAR | IIIRD YEAR | IVTH YEAR | VTH YEAR |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  |  |  |  |  |  |
| SOURCES OF FUND |  |  |  |  |  |
| Capital Account |  |  |  |  |  |
| Retained Profit | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
|  | 9.58 | 19.96 | 31.46 | 43.93 | 58.65 |
| Term Loan |  |  |  |  |  |
| Cash Credit | 13.29 | 9.97 | 6.65 | 3.32 | 0.56 |
| Sundry Creditors | 9.20 | 9.20 | 9.20 | 9.20 | 9.20 |
| Provisions \& Other Liab | 1.42 | 1.51 | 1.61 | 1.70 | 1.89 |
| TOTAL : | 0.36 | 0.40 | 0.44 | 0.48 | 0.53 |
|  |  | $\mathbf{3 6 . 3 5}$ | $\mathbf{4 3 . 5 5}$ | $\mathbf{5 1 . 8 5}$ | $\mathbf{6 1 . 1 4}$ |

## APPLICATION OF FUND

Fixed Assets (Gross)
Gross Dep.
Net Fixed Assets

| 14.27 | 14.27 | 14.27 | 14.27 | 14.27 |
| ---: | ---: | ---: | ---: | ---: |
| 1.90 | 3.56 | 5.00 | 6.24 | 7.30 |
| 12.37 | 10.71 | 9.27 | 8.03 | 6.97 |

Current Assets
Sundry Debtors
Stock in Hand
Cash and Bank
4.56
7.09
$\begin{array}{ll}5.37 & 5.70\end{array}$
$\begin{array}{ll}7.56 & 8.03\end{array}$
$17.16 \quad 25.82$
6.04
6.68
9.84
35.23
9.45

Deposits \& Advances

TOTAL:

| 2.50 | 2.75 | 3.03 | 3.33 | 3.66 |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{3 6 . 3 5}$ | $\mathbf{4 3 . 5 5}$ | $\mathbf{5 1 . 8 5}$ | $\mathbf{6 1 . 1 4}$ | $\mathbf{7 3 . 3 3}$ |


| PROJECTED CASH FLOW STATEMENT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PARTICULARS | IST YEAR IIND YEAR IIIRD YEARIVTH YEAR VTH YEAR |  |  |  |  |
| SOURCES OF FUND |  |  |  |  |  |
| Share Capital | 2.50 | - |  |  |  |
| Reserve \& Surplus | 10.64 | 11.54 | 12.77 | 13.87 | 16.35 |
| Depriciation \& Exp. W/off | 1.90 | 1.67 | 1.44 | 1.24 | 1.07 |
| Increase in Cash Credit | 9.20 | - | - | - | - |
| Increase In Term Loan | 13.29 | - | - | - | - |
| Increase in Creditors | 1.42 | 0.09 | 0.09 | 0.09 | 0.19 |
| Increase in Provisions | 0.36 | 0.04 | 0.04 | 0.04 | 0.05 |
| TOTAL : | 39.31 | 13.34 | 14.34 | 15.24 | 17.65 |
| $\underline{\text { APPLICATION OF FUND }}$ |  |  |  |  |  |
| Increase in Fixed Assets | 14.27 | - | - | - | - |
| Increase in Stock | 7.09 | 0.47 | 0.47 | 0.47 | 0.94 |
| Increase in Debtors | 4.56 | 0.81 | 0.34 | 0.34 | 0.64 |
| Increase in Deposits \& Adv | 2.50 | 0.25 | 0.28 | 0.30 | 0.33 |
| Repayment of Term Loan | - | 3.32 | 3.32 | 3.32 | 2.76 |
| Taxation | 1.06 | 1.15 | 1.28 | 1.39 | 1.63 |
| TOTAL : | 29.48 | 6.01 | 5.68 | 5.82 | 6.32 |
| Opening Cash \& Bank Balance | - | 9.84 | 17.16 | 25.82 | 35.23 |
| Add : Surplus | 9.84 | 7.33 | 8.65 | 9.42 | 11.33 |
| Closing Cash \& Bank Balance | 9.84 | 17.16 | 25.82 | 35.23 | 46.57 |

IST YEAR IIND YEAR IIIRD YEAR IVTH YEAR VTH YEAR

| PARTICULARS | IST YEAR | IIND YEAR | IIIRD YEAR | VTH YEAR | VTH YEAR |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A) SALES |  |  |  |  |  |
| Gross Sale | 45.56 | 53.66 | 57.04 | 60.41 | 66.83 |
| Total (A) | 45.56 | 53.66 | 57.04 | 60.41 | 66.83 |
| B) COST OF SALES |  |  |  |  |  |
| Raw Mateiral Consumed | 20.25 | 21.60 | 22.95 | 24.30 | 27.00 |
| Elecricity Expenses | 3.77 | 4.02 | 4.27 | 4.52 | 5.02 |
| Repair \& Maintenance | - | 0.54 | 0.57 | 0.60 | 0.67 |
| Labour \& Wages | 4.75 | 5.23 | 5.75 | 6.32 | 6.96 |
| Depreciation | 1.90 | 1.67 | 1.44 | 1.24 | 1.07 |
| Consumables and Other Expenses | 1.37 | 1.61 | 1.71 | 1.81 | 2.00 |
| Cost of Production | 32.03 | 34.66 | 36.68 | 38.80 | 42.72 |
| Add: Opening Stock/WIP | - | 4.05 | 4.32 | 4.59 | 4.86 |
| Less: Closing Stock /WIP | 4.05 | 4.32 | 4.59 | 4.86 | 5.40 |
| Cost of Sales (B) | 27.98 | 34.39 | 36.41 | 38.53 | 42.18 |
| C) GROSS PROFIT (A-B) | 17.58 | 19.28 | 20.62 | 21.89 | 24.65 |
|  | 39\% | 36\% | 36\% | 36\% | 37\% |
| D) Bank Interest (Term Loan ) | 1.15 | 1.39 | 1.00 | 0.62 | 0.25 |
| Bank Interest ( C.C. Limit) | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| E) Salary to Staff | 3.96 | 4.36 | 4.79 | 5.27 | 5.80 |
| F) Selling \& Adm Expenses Exp. | 0.91 | 1.07 | 1.14 | 1.21 | 1.34 |
| TOTAL (D+E) | 6.94 | 7.73 | 7.86 | 8.02 | 8.30 |
| H) NET PROFIT | 10.64 | 11.54 | 12.77 | 13.87 | 16.35 |
| I) Taxation | 1.06 | 1.15 | 1.28 | 1.39 | 1.63 |
| J) PROFIT (After Tax) | 9.58 | 10.39 | 11.49 | 12.48 | 14.71 |

## COMPUTATION OF MANUFACTURING OF PLASTER OF PARIS

Items to be Manufactured
PLASTER OF PARIS

| Manufacturing Capacity per day | - | 3.00 | MT |
| :--- | :--- | ---: | ---: |
|  | - |  |  |
| No. of Working Hour |  | 8 |  |
|  |  |  |  |
| No of Working Days per month |  | 25 |  |
|  |  |  |  |
| No. of Working Day per annum |  | 300 |  |
|  |  |  |  |
| Total Production per Annum |  | 900.00 | MT |
|  |  |  |  |
| Year |  | Capacity | MT |
|  |  | Utilisation |  |
|  |  |  |  |
| IST YEAR |  | $75 \%$ | 675 |
| IIND YEAR |  | $80 \%$ | 720 |
| IIIRD YEAR |  | $85 \%$ | 765 |
| IVTH YEAR |  | $90 \%$ | 810 |
| VTH YEAR |  | $100 \%$ | 900 |
|  |  |  |  |

## COMPUTATION OF RAW MATERIAL

| Item Name |  | Quantity of | Recovery | Unit Rate of | Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Raw Material |  | $/$ MT | Per Annum <br> $(100 \%)$ |  |
| Gypsum |  | MT |  |  |  |




BREAK UP OF LABOUR


BREAK UP OF SALARY

| Particulars | Salary | No of | Total |
| :---: | :---: | :---: | :---: |
|  | Per Month | Employees | Salary |
| Manager | 12,000.00 | 1 | 12,000.00 |
| Accountant | 8,000.00 | 1 | 8,000.00 |
| Sales | 10,000.00 | 1 | 10,000.00 |
| Total Salary Per Month |  |  | 30,000.00 |
|  |  |  |  |
| Add: 10\% Fringe Benefit |  |  | 3,000.00 |
| Total Salary for the month |  |  | 33,000.00 |
|  |  |  |  |
| Total Salary for the year ( In Rs. Lakhs) |  |  | 3.96 |

## COMPUTATION OF DEPRECIATION

| Description | Land | Building/shed | Plant \& | Furniture | TOTAL |
| :--- | :---: | ---: | :---: | :---: | :---: |
|  |  |  | Machinery |  |  |
|  |  |  |  |  |  |
| Rate of Depreciation |  |  | $\mathbf{1 0 . 0 0} \%$ | $\mathbf{1 5 . 0 0} \%$ | $\mathbf{1 0 . 0 0} \%$ |
| Opening Balance | Leased | - | - | - | - |
| Addition | - | 3.50 | 10.10 | 0.67 | 14.27 |
|  | - | 3.50 | 10.10 | 0.67 | 14.27 |
| Less : Depreciation | - | 0.35 | 1.52 | 0.03 | 1.90 |
| WDV at end of Ist year | - | 3.15 | 8.59 | 0.64 | 12.37 |
| Additions During The Year | - | - | - | - | - |
|  | - | 3.15 | 8.59 | 0.64 | 12.37 |
| Less : Depreciation | - | 0.32 | 1.29 | 0.06 | 1.67 |
| WDV at end of IInd Year | - | 2.84 | 7.30 | 0.57 | 10.71 |
| Additions During The Year | - | - | - | - | - |
|  | - | 2.84 | 7.30 | 0.57 | 10.71 |
| Less : Depreciation | - | 0.28 | 1.09 | 0.06 | 1.44 |
| WDV at end of IIIrd year | - | 2.55 | 6.20 | 0.52 | 9.27 |
| Additions During The Year | - | - | - | - | - |
|  | - | 2.55 | 6.20 | 0.52 | 9.27 |
| Less : Depreciation | - | 0.26 | 0.93 | 0.05 | 1.24 |
| WDV at end of IV year | - | 2.30 | 5.27 | 0.46 | 8.03 |
| Additions During The Year | - | - | - | - |  |
|  | - | 2.30 | 5.27 | 0.46 | 8.03 |
| Less : Depreciation | - | 0.23 | 0.79 | 0.05 | 1.07 |
| WDV at end of Vth year | - |  |  | 4.48 | 0.42 |


| Year | Particulars | Amount | Addition | Total | Interest | Repayment | Cl Balance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IST YEAR | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | - | 13.29 | 13.29 | - | - | 13.29 |
|  | Iind Quarter | 13.29 | - | 13.29 | 0.38 | - | 13.29 |
|  | IIIrd Quarter | 13.29 | - | 13.29 | 0.38 | - | 13.29 |
|  | Ivth Quarter | 13.29 | - | 13.29 | 0.38 | - | 13.29 |
|  |  |  |  |  | 1.15 | - |  |
| IIND YEAR | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 13.29 | - | 13.29 | 0.38 | 0.83 | 12.46 |
|  | Iind Quarter | 12.46 | - | 12.46 | 0.36 | 0.83 | 11.63 |
|  | IIIrd Quarter | 11.63 | - | 11.63 | 0.33 | 0.83 | 10.80 |
|  | Ivth Quarter | 10.80 |  | 10.80 | 0.31 | 0.83 | 9.97 |
|  |  |  |  |  | 1.39 | 3.32 |  |
| IIIRD YEAR | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 9.97 | - | 9.97 | 0.29 | 0.83 | 9.14 |
|  | Iind Quarter | 9.14 | - | 9.14 | 0.26 | 0.83 | 8.31 |
|  | IIIrd Quarter | 8.31 | - | 8.31 | 0.24 | 0.83 | 7.48 |
|  | Ivth Quarter | 7.48 |  | 7.48 | 0.21 | 0.83 | 6.65 |
|  |  |  |  |  | 1.00 | 3.32 |  |
| IVTH YEAR | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 6.65 | - | 6.65 | 0.19 | 0.83 | 5.82 |
|  | Iind Quarter | 5.82 | - | 5.82 | 0.17 | 0.83 | 4.98 |
|  | IIIrd Quarter | 4.98 | - | 4.98 | 0.14 | 0.83 | 4.15 |
|  | Ivth Quarter | 4.15 |  | 4.15 | 0.12 | 0.83 | 3.32 |
|  |  |  |  |  | 0.62 | 3.32 |  |
| VTH YEAR | Opening Balance |  |  |  |  |  |  |
|  | Ist Quarter | 3.32 | - | 3.32 | 0.10 | 0.83 | 2.49 |
|  | Iind Quarter | 2.49 | - | 2.49 | 0.07 | 0.83 | 1.66 |
|  | IIIrd Quarter | 1.66 | - | 1.66 | 0.05 | 0.55 | 1.11 |
|  | Ivth Quarter | 1.11 |  | 1.11 | 0.03 | 0.55 | 0.56 |
|  |  |  |  |  | 0.25 | 2.76 |  |

CALCULATION OF D.S.C.R

| PARTICULARS | IST YEAR | IIND YEAR | IIIRD YEAR | IVTH YEAR | VTH YEAR |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| CASH ACCRUALS | 11.48 | 12.05 | 12.93 | 13.72 | 15.78 |
|  |  |  |  |  |  |
| Interest on Term Loan | 1.15 | 1.39 | 1.00 | 0.62 | 0.25 |
|  |  |  |  |  |  |
| Total | 12.62 | 13.44 | 13.93 | 14.34 | 16.02 |
|  |  |  |  |  |  |
| REPAYMENT |  |  |  |  |  |
| Instalment of Term Loan | 3.32 | 3.32 | 3.32 | 2.76 | 2.76 |
| Interest on Term Loan | 1.15 | 1.39 | 1.00 | 0.62 | 0.25 |
|  |  |  |  |  |  |
| Total | 4.47 | 4.71 | 4.33 | 3.38 | 3.01 |
|  |  |  |  |  |  |
| DEBT SERVICE COVERAGE RAT | 2.82 | 2.85 | 3.22 | 4.24 | 5.33 |
|  |  |  |  |  |  |
| AVERAGE D.S.C.R. |  |  | 3.69 |  |  |

COMPUTATION OF SALE

| Particulars | IST YEAR | IIND YEAR | IIIRD YEAR | IVTH YEAR | VTH YEAR |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Op Stock | - | 50.63 | 54.00 | 57.38 | 60.75 |
| Production | 506.25 | 540.00 | 573.75 | 607.50 | 675.00 |
|  | 506.25 | 590.63 | 627.75 | 664.88 | 735.75 |
| Less : Closing Stock | 50.63 | 54.00 | 57.38 | 60.75 | 67.50 |
| Net Sale | 455.63 | 536.63 | 570.38 | 604.13 | 668.25 |
| Sale Price per MT | $10,000.00$ | $10,000.00$ | $10,000.00$ | $10,000.00$ | $10,000.00$ |
| Sale (in Lacs) | $\mathbf{4 5 . 5 6}$ | $\mathbf{5 3 . 6 6}$ | $\mathbf{5 7 . 0 4}$ | $\mathbf{6 0 . 4 1}$ | $\mathbf{6 6 . 8 3}$ |
|  |  |  |  |  |  |



## BREAK EVEN POINT ANALYSIS

| Year | I | II | III | IV | V |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales \& Other Income | 45.56 | 53.66 | 57.04 | 60.41 | 66.83 |
| Less : Op. WIP Goods | - | 4.05 | 4.32 | 4.59 | 4.86 |
| Add : CI. WIP Goods | 4.05 | 4.32 | 4.59 | 4.86 | 5.40 |
| Total Sales | 49.61 | 53.93 | 57.31 | 60.68 | 67.37 |
| Variable \& Semi Variable Exp. |  |  |  |  |  |
| Raw Material \& Tax | 20.25 | 21.60 | 22.95 | 24.30 | 27.00 |
| Electricity Exp/Coal Consumption at 85\% | 3.20 | 3.41 | 3.63 | 3.84 | 4.27 |
| Manufacturing Expenses 80\% | 1.09 | 1.72 | 1.83 | 1.93 | 2.14 |
| Wages \& Salary at 60\% | 5.23 | 5.75 | 6.32 | 6.96 | 7.65 |
| Selling \& adminstrative Expenses 80\% | 0.73 | 0.86 | 0.91 | 0.97 | 1.07 |
| Intt. On Working Capital Loan | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 |
| Total Variable \& Semi Variable Exp | 31.42 | 34.26 | 36.56 | 38.92 | 43.05 |
| Contribution | 18.19 | 19.67 | 20.75 | 21.76 | 24.32 |
| Fixed \& Semi Fixed Expenses |  |  |  |  |  |
| Manufacturing Expenses 20\% | 0.27 | 0.43 | 0.46 | 0.48 | 0.53 |
| Electricity Exp/Coal Consumption at 15\% | 0.56 | 0.60 | 0.64 | 0.68 | 0.75 |
| Wages \& Salary at 40\% | 3.48 | 3.83 | 4.22 | 4.64 | 5.10 |
| Interest on Term Loan | 1.15 | 1.39 | 1.00 | 0.62 | 0.25 |
| Depreciation | 1.90 | 1.67 | 1.44 | 1.24 | 1.07 |
| Selling \& adminstrative Expenses 20\% | 0.18 | 0.21 | 0.23 | 0.24 | 0.27 |
| Total Fixed Expenses | 7.55 | 8.13 | 7.98 | 7.90 | 7.97 |
| Capacity Utilization | 75\% | 80\% | 85\% | 90\% | 100\% |
| OPERATING PROFIT | 10.64 | 11.54 | 12.77 | 13.87 | 16.35 |
| BREAK EVEN POINT | 31\% | 33\% | 33\% | 33\% | 33\% |
| BREAK EVEN SALES | 20.59 | 22.29 | 22.04 | 22.02 | 22.08 |

## PLANT \& MACHINERY

|  | PARTICULARS | QTY. | RATE | AMOUNT IN RS. |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Attribution disc. Pulverisor $1 / 2 \mathrm{MT} / \mathrm{hr}$ with 7 HPmotor \& accessories | 1 | 3,60,000.00 | 3,60,000.00 |
| 2 | Rotary cylindrical drum calcinor (fabricated) size 2.5 mtr . (Length) x 2 mtr . (dia), capacity $4 \mathrm{MT} /$ charge mounted on a fuel fired roasting oven made of common bricks provided with firing grates on either side of the oven and an exhaustchimney therewith and complete with a vapour outlet, thermometer, motor, gear and accessories. | 1 |  | 5,00,000.00 |
| 3 | Burners \& other misc. equipments etc. | 1 |  | 1,50,000.00 |
|  |  |  |  | 10,10,000.00 |

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