**INTRODUCTION**

Mineral grinding industry plays a vital role in the development of glass, ceramics, refractories, chemical, pharmaceuticals, pigments, pesticides, agro chemical, paints, poultry feed, benefaction 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.

**PROJECT PROFILE ON MINERAL GRINDING**

**Name of the Product:** MINERAL GRINDING

**Project Cost:**

- **Capital Expenditure**
  - Land: Own
  - Work shed in sq.ft: 0 Rs.
  - 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

- **Working Capital:** Rs. 600,000.00

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

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

**Estimated Annual Production Capacity:**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Particulars</th>
<th>Capacity in tons</th>
<th>Rate</th>
<th>Total Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MINERAL GRINDING</td>
<td>3600.00</td>
<td>1022.00</td>
<td>3680.00</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>3600.00</strong></td>
<td><strong>1022.00</strong></td>
<td><strong>3680.00</strong></td>
</tr>
<tr>
<td>4</td>
<td>Raw Material</td>
<td>: Rs.</td>
<td></td>
<td>2,790,000.00</td>
</tr>
<tr>
<td>5</td>
<td>Labels and Packing Material</td>
<td>: Rs.</td>
<td></td>
<td>25,000.00</td>
</tr>
<tr>
<td>6</td>
<td>Wages (3-Skilled &amp; 2-Unskilled)</td>
<td>: Rs.</td>
<td></td>
<td>408,000.00</td>
</tr>
<tr>
<td>7</td>
<td>Salaries -1 manager</td>
<td>Rs.</td>
<td></td>
<td>120,000.00</td>
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</tbody>
</table>
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 : Rs. 304,000.00
   Fixed Cost
   Variable Cost Rs. 3,376,000.00
   Requirement of WC per Cycle Rs. 613,333.00
15 Cost Analysis

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Particulars</th>
<th>Capacity Utilization (Rs in '000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>1</td>
<td>Fixed Cost</td>
<td>304.00</td>
</tr>
<tr>
<td>2</td>
<td>Variable Cost</td>
<td>3376.00</td>
</tr>
<tr>
<td>3</td>
<td>Cost of Production</td>
<td>3680.00</td>
</tr>
<tr>
<td>4</td>
<td>Projected Sales</td>
<td>4000.00</td>
</tr>
<tr>
<td>5</td>
<td>Gross Surplus</td>
<td>320.00</td>
</tr>
<tr>
<td>6</td>
<td>Expected Net Surplus</td>
<td>260.00</td>
</tr>
</tbody>
</table>

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.