KHADI & VILLAGE INDUSTRIES COMMISSION  
PROJECT PROFILE FOR GRAMODYOG ROZGAR YOJANA  
PRODUCTION OF VOLTAGE STABILISER

Ever since the introduction of Rural Electronics programme under KVIC during 1990, the production of voltage stabiliser has been started through KVIC. Due to the fluctuation of voltages in rural areas the stabilisers has become very essential to safeguard the equipments like T.V., Fridge, Computers, Music Systems etc. Hence the demand for different capacity of voltage stabilisers and back-ups are increasing.

1. Name of the Product : Voltage Stabiliser

2. Project Cost :
   (a) Capital Expenditure
      Land : Own
      Building Shed 1000 Sq.ft. : Rs. 200000.00
      Equipment : Rs. 175000.00
         (Trans. Winding M/c, Variac, Multimeter Dig.
          & Analog, Ammeter, Furnace, Oscilloscope,
          Laboratory equipment etc.)
      Total Capital Expenditure : Rs. 375000.00
   (b) Working Capital : Rs. 158000.00

   TOTAL PROJECT COST : Rs. 533000.00

3. Estimated Annual Production of Voltage Stabiliser : (Value in ‘000)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Particulars</th>
<th>Capacity</th>
<th>Rate</th>
<th>Total Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Voltage Stabiliser</td>
<td>1300.00</td>
<td>635.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nos.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>1300.00</td>
<td></td>
<td>3787.00</td>
</tr>
<tr>
<td></td>
<td>Nos.</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

4. Raw Material : Rs. 250000.00

5. Labels and Packing Material : Rs. 10000.00

6. Wages (Skilled & Unskilled) : Rs. 150000.00

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7. Salaries : Rs. 72000.00
8. Administrative Expenses : Rs. 30000.00
9. Overheads : Rs. 30000.00
10. Miscellaneous Expenses : Rs. 20000.00
11. Depreciation : Rs. 27500.00
12. Insurance : Rs. 3750.00
13. Interest (As per the PLR)
   (a) Capital Expenditure Loan : Rs. 48750.00
   (b) Working Capital Loan : Rs. 2540.00
   Total Interest : Rs. 69290.00
14. Working Capital Requirement
   Fixed Cost : Rs. 174500.00
   Variable Cost : Rs. 460540.00
   Requirement of Working Capital per Cycle : Rs. 158760.00
15. Estimated Cost Analysis

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Particulars</th>
<th>Capacity Utilization (Rs. in '000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Fixed Cost</td>
<td>174.00 104.00 122.50 139.00</td>
</tr>
<tr>
<td>2.</td>
<td>Variable Cost</td>
<td>461.00 276.60 322.20 368.80</td>
</tr>
<tr>
<td>3.</td>
<td>Cost of Production</td>
<td>635.00 381.60 444.70 508.80</td>
</tr>
<tr>
<td>4.</td>
<td>Projected Sales</td>
<td>800.00 480.00 560.00 640.00</td>
</tr>
<tr>
<td>5.</td>
<td>Gross Surplus</td>
<td>164.00 98.40 115.30 131.20</td>
</tr>
<tr>
<td>6.</td>
<td>Expected Net Surplus</td>
<td>137.00 71.00 88.00 104.00</td>
</tr>
</tbody>
</table>

Note:
1. All figures mentioned above are only indicative and may vary from place to place.
2. If the investment on Building is replaced by Rental Premises-
   (a) Total Cost of Project will be reduced.
   (b) Profitability will be increased.
   (c) Interest on Capital Expenditure will be reduced.