KVIC- PMEGP
PROJECT PROFILE ON ALTERNATORS FOR AUTOMOBILES

Introduction
Alternator is a special dc device, which converts mechanical power into direct current (dc) electric power by means of rotation. It gives dc supply to various electrical parts while automobile is working such as headlights, wiper motor, different indicator lights, fan etc. It also charges the battery of the automobile, which gives dc supply to all electrical components when automobiles is not working and primarily to starter motor for cranking the engine of automobile.

Name of the Product : ALTERNATORS FOR AUTOMOBILES

2 Project Cost :
a  Capital Expenditure
   Land : Rs. 300,000.00
   Work shed in sq.ft
   Work shed in sq.mtrs : Rs. 0
   Equipment : Rs. 300,000.00

   Own

   Total Capital Expenditure Rs. 300,000.00

b  Working Capital Rs. 1,445,000.00

TOTAL PROJECT COST : Rs. 1,745,000.00

3 Estimated Annual Production Capacity:

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Particulars</th>
<th>Capacity in nos</th>
<th>Rate</th>
<th>Total Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ALTERNATORS FOR AUTOMOBILES</td>
<td>6000.00</td>
<td>1445.00</td>
<td>8670.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>6000.00</td>
<td>1445.00</td>
<td>8670.00</td>
</tr>
</tbody>
</table>

4 Raw Material : Rs. 7,800,000.00

5 Labels and Packing Material : Rs. 85,000.00

6 Wages (1-Skilled & -2-Unskilled) : Rs. 240,000.00

7 Salaries -1 manager Rs. 120,000.00
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8. Administrative Expenses : Rs. **85,000.00**

9. Overheads : Rs. **75,000.00**

10. Miscellaneous Expenses : Rs. **35,000.00**

11. Depreciation : Rs. **30,000.00**

12. Insurance : Rs. **3,000.00**

13. Interest (As per the PLR)
   a. C.E.Loan : Rs. **39,000.00**
   b. W.C.Loan : Rs. **187,850.00**

Total Interest : Rs. **226,850.00**

14. Working Capital Requirement :
   Fixed Cost : Rs. **282,000.00**
   Variable Cost : Rs. **8,387,850.00**
   Requirement of WC per Cycle : Rs. **1,444,975.00**

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>282.00</td>
</tr>
<tr>
<td>2</td>
<td>Variable Cost</td>
<td>8388.00</td>
</tr>
<tr>
<td>3</td>
<td>Cost of Production</td>
<td>8670.00</td>
</tr>
<tr>
<td>4</td>
<td>Projected Sales</td>
<td>9537.00</td>
</tr>
<tr>
<td>5</td>
<td>Gross Surplus</td>
<td>867.00</td>
</tr>
<tr>
<td>6</td>
<td>Expected Net Surplus</td>
<td>837.00</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 profitability will be changed depends on the area, availability of raw Material, man power, power requireement and various other factors etc.