The non-ferrous metal industries are century old traditional craft in many of the pocketed areas of Assam, West Bengal, Orissa and Andhra Pradesh. Many fancy articles, tools, statues, flower pots, ash tray, agarbatti stand etc. are manufactured. Bellmetal utensils are normally manufactured by melting brass metal and tin in small crucible to attain optimum melting temperature and to have better fluidity. These moulded metal is poured into the mould made with sand and binder in double box moulding. The products are then made smooth and furnishing by scrappers mounted on hand operated fixtures. Brass, copper utensils are still popular in different ceremonial occasions.

1. Name of the Product : Brass, Copper & Bellmetal Utensils

2. Project Cost :
   
   (a) Capital Expenditure
   - Land : Own
   - Building Shed 1500 Sq.ft. : Rs. 300000.00
   - Equipment : Rs. 100000.00
   (Furnace & Accessories, Bench Grinder,
    Tools & Dies, Measuring Instruments,
    Coating plants etc.)
   - Total Capital Expenditure : Rs. 400000.00
   
   (b) Working Capital : Rs. 306000.00
   
   TOTAL PROJECT COST : Rs. 706000.00

3. Estimated Annual Production of Utensils : (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>Utensils</td>
<td>900000.00 Nos.</td>
<td></td>
<td>1531.00</td>
</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td>900000.00 Nos.</td>
<td></td>
<td>908.00</td>
</tr>
</tbody>
</table>
4. Raw Material : Rs. 900000.00
5. Labels and Packing Material : Rs. 25000.00
6. Wages (Skilled & Unskilled) : Rs. 200000.00
7. Salaries : Rs. 120000.00
8. Administrative Expenses : Rs. 30000.00
9. Overheads : Rs. 150000.00
10. Miscellaneous Expenses : Rs. 10000.00
11. Depreciation : Rs. 25000.00
12. Insurance : Rs. 4000.00
13. Interest (As per the PLR)
   (a) Capital Expenditure Loan : Rs. 52000.00
   (b) Working Capital Loan : Rs. 39780.00
   Total Interest : Rs. 91780.00
14. Working Capital Requirement
   Fixed Cost : Rs. 216000.00
   Variable Cost : Rs. 1314780.00
   Requirement of Working Capital per Cycle : Rs. 306156.00
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></td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>1.</td>
<td>Fixed Cost</td>
<td>216.00</td>
</tr>
<tr>
<td>2.</td>
<td>Variable Cost</td>
<td>1315.00</td>
</tr>
<tr>
<td>3.</td>
<td>Cost of Production</td>
<td>1531.00</td>
</tr>
<tr>
<td>4.</td>
<td>Projected Sales</td>
<td>1700.00</td>
</tr>
<tr>
<td>5.</td>
<td>Gross Surplus</td>
<td>169.00</td>
</tr>
<tr>
<td>6.</td>
<td>Expected Net Surplus</td>
<td>144.00</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.