Modern beekeeping begins with rearing of bee colonies in the standardised BIS Standard bee boxes. There are three types of BIS bee boxes namely BIS ‘A’ type, BIS ‘B’ type and BIS ‘C’ type. These boxes contain Brood chamber, Super/honey chamber, etc. These boxes can be migrated from one place to another for honey flow, pollination, etc.

1. **Name of the Product**: Bee Boxes

2. **Project Cost**

   (a) **Capital Expenditure**

   - **Land**: Own
   - **Building Shed 200 sq.ft.**: Rs. 50000.00
   - **Equipment**: Rs. 100000.00

   (Carpentry tools like wood cutter, machine, etc.)

   **Total Capital Expenditure**: Rs. 150000.00

   (b) **Working Capital**: Rs. 59000.00

   **TOTAL PROJECT COST**: Rs. 209000.00

3. **Estimated Annual Production of Bee Boxes** (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>Bee Boxes</td>
<td>714.00</td>
<td>500.00</td>
<td>357.00</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>714.00</strong></td>
<td><strong>500.00</strong></td>
<td><strong>357.00</strong></td>
</tr>
</tbody>
</table>

4. **Raw Material**: Rs. 300000.00

5. **Labels and Packing Material**: Rs.

6. **Wages (Skilled & Unskilled)**: Rs. 12000.00
7. Salaries : Rs. 14500.00  
8. Administrative Expenses : Rs. 500.00  
9. Overheads : Rs. 500.00  
10. Miscellaneous Expenses : Rs. 1000.00  
11. Depreciation : Rs. 12500.00  
12. Insurance : Rs. 1500.00  
13. Interest (As per the PLR)  
   (a) Capital Expenditure Loan : Rs. 19500.00  
   (b) Working Capital Loan : Rs. 7670.00  
   Total Interest : Rs. 27170.00  
14. Working Capital Requirement  
   Fixed Cost : Rs. 37000.00  
   Variable Cost : Rs. 320170.00  
   Requirement of Working Capital per Cycle : Rs. 59528.00  
15. Estimated Cost Analysis  

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Particulars</th>
<th>Capacity Utilization (Rs. in 1000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>1.</td>
<td>Fixed Cost</td>
<td>37.00</td>
</tr>
<tr>
<td>2.</td>
<td>Variable Cost</td>
<td>320.00</td>
</tr>
<tr>
<td>3.</td>
<td>Cost of Production</td>
<td>357.00</td>
</tr>
<tr>
<td>4.</td>
<td>Projected Sales</td>
<td>500.00</td>
</tr>
<tr>
<td>5.</td>
<td>Gross Surplus</td>
<td>143.00</td>
</tr>
<tr>
<td>6.</td>
<td>Expected Net Surplus</td>
<td>131.00</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.