

KHADI & VILLAGE INDUSTRIES COMMISSION
PROJECT PROFILE FOR GRAMODYOG ROJGAR YOJANA

BEE BOX MANUFACTURING UNIT

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 |
| | (Carpentary 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)

| Sr.No. | Particulars | Capacity | Rate | Total Value |
|--------|--------------|---------------|---------------|---------------|
| 1 | Bee Boxes | 714.00 | 500.00 | 357.00 |
| | TOTAL | 714.00 | 500.00 | 357.00 |

| | | | |
|----------|--|---|----------------------|
| 4 | Raw Material | : | Rs. 300000.00 |
| 5 | Lables and Packing Material | : | Rs. 0.00 |
| 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. C.E.Loan | | Rs. | 19500.00 |
| | b. W.C.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 WC per Cycle | | Rs. | 59528.00 |

15 Estimated Cost Analysis

| Sr.No. | Particulars | Capacity Utilization(Rs in '000) | | | |
|--------|-----------------------------|----------------------------------|--------|--------|--------|
| | | 100% | 60% | 70% | 80% |
| 1 | Fixed Cost | 37.00 | 22.20 | 25.90 | 29.60 |
| 2 | Variable Cost | 320.00 | 192.00 | 224.00 | 256.00 |
| 3 | Cost of Production | 357.00 | 214.20 | 249.90 | 285.60 |
| 4 | Projected Sales | 500.00 | 300.00 | 350.00 | 400.00 |
| 5 | Gross Surplus | 143.00 | 85.80 | 100.10 | 114.40 |
| 6 | Expected Net Surplus | 131.00 | 78.60 | 91.70 | 104.80 |

- 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 C.E.will be reduced.