



# PROJECT PROFILE ON WOODEN SWITCH BOXES

Category : Manufacturing

Total Cost of Project : Rs. 1,80,000/-

BEP : 34 %

## I. INTRODUCTION OF BUSINESS IDEA :

Wooden accessories like wooden switch boxes, junction boxes etc, are necessary for electrification in any buildings. Thus electrical wooden products play an important role in installation of electrical systems in buildings of residential and industrial sizes.

## II. PRODUCT AND ITS APPLICATIONS:

The various wooden electrical switch boards of various sizes and junction boxes etc are being used during installation of electrical systems in buildings of residential/ commercial nature.

## III. MARKET POTENTIAL:

Wood is the main material for the proposed product and hence it can be started where suitable wood for the unit is available. The demand for the product is increasing as the construction activities are on the increase which requires wooden boxes for the electrical connections. The products can also be sent to the neighboring districts. There is good market potential for these electrical wooden products.

## IV. CAPACITY-REVENUE AND SALES:

Sl. No.	Product	Qty	Rate	Sales Amount
01	Wooden electrical products	20,000 pieces	Rs 40/piece	8,00,000

## V. MANUFACTURING PROCESS AND QUALITY:

Wooden planks are cut into different sizes and these are joined to form boxes of different sizes. The boxes are given finishing touches. These boxes are suitably drilled in such a way that the wires can be drawn. The quality product can be assured with good quality wood



## VI. COST OF PROJECT AND MEANS OF FINANCE, INCLUDING WORKING CAPITAL REQUIREMENTS:

### A. COST OF PROJECT:

Sl. No	Particulars	Amount (Rs).
1	Equipments	54,000
2	Other fixed assets	10,000
3	Preliminary and preoperative expenses	10,000
4	Deposits	50,000
5	Working Capital Requirements	56,000
	<b>Total</b>	<b>1,80,000</b>

### B. MEANS OF FINANCE:

Sl. No.	Particulars	Amount (Rs).
1	Loan @ 75%	1,35,000
2	Equity	45,000
	<b>Total</b>	<b>1,80,000</b>

### C. WORKING CAPITAL REQUIREMENT:

Sl. No.	Particulars	Basis	Period	Amount
1	Raw-materials	1,60,000/12 x 1	1 m	13,000
2	Bills Receivable	8,00,000/12 x 1/2	1/2 m	33,000
3	Working exp	-	1 m	10,000
	<b>Total</b>	-	-	<b>56,000</b>

## VII. MAIN INPUTS REQUIREMENTS

### A. MACHINERY:

Sl. No.	Particulars	Qty	Amount
1	Plaining machine	1	20,000
2	Hacksaw	2	4,000
3	Carpentry Hand tools	1 set	10,000
4	Drilling unit	1	10,000
5	Electrification and installation		10,000
	<b>Total</b>	-	<b>54,000</b>



## B. RAW-MATERIALS (P.A.):

Sl. No.	Particulars	Qty	Rate	Total cost(Rs)
1	Wood planks and strips	200 cft	650 per cft	1,30,000
2	Nails, screws etc			30,000
	<b>TOTAL</b>			<b>1,60,000</b>

## C. UTILITIES:

Sl. No.	Particulars	Monthly Charges (Rs)	Annual Charges (Rs)
1	Electricity and water	5,000	60,000

## D. MAN-POWER REQUIREMENT:

Sl. No.	Workers	No.	Monthly Salary (Rs)	Annual Salary (Rs)
01	Skilled workers	1	8,000	96,000
02	Helper	2	5,000	1,20,000
	<b>Total</b>		<b>4,500</b>	<b>2,16,000</b>

## E. INFRASTRUCTURE REQUIREMENT:

Building	Built up space of 400 sq.ft is required
Power	1 HP power connection is required
Water	Water is required for general purposes

## VIII. PROFITABILITY PROJECTION (ANNUAL):

Particulars	Basis	Amount (Rs).
Sales Revenue (Projected)	Ref:IV	8,00,000
Raw Materials	Ref: VII B	1,60,000
Man Power Expenses	Ref: VII D	2,16,000
Utilities	Ref: VIIC	60,000
Interest	@12%	16,000
Depreciation	@ 20%	8,000
Overheads	Rent, maintenance etc	1,00,000
<b>Total Expenses</b>		<b>5,60,000</b>
<b>Profit</b>		<b>1,40,000</b>



**IX. FINANCIAL INDICATOR:**

Break Even Point $\frac{FC}{SR-VC} * 100$	$\frac{1,24,000}{3,64,000} * 100$	34%
Payback period $\frac{\text{Cost of project}}{\text{Profit+ Dep}}$	$\frac{1,80,000}{1,48,000}$	1 year 3 months

**ADDRESS:**

**X. SUPPLIERS OF MACHINERY / EQUIPMENTS:**

Jaya engineering works,  
Sheshadri road cross,  
Gandhinagar  
Bangalore-9  
Ph 080-22871758

**SUPPLIERS OF RAW MATERIAL:**

Samanth traders  
2<sup>nd</sup> cross, Shivanand nagar  
Dharwad-01  
Ph 0836-2210031

**XI. SPECIAL NOTE:**

Carpentry skills are required for quality products