



### 3. PROJECT PROFILE ON ARECA NUT LEAF PLATE MAKING

Category : Manufacturing

Total Cost of Project : Rs. 292,000/-

BEP : 39 %

#### I. INTRODUCTION OF BUSINESS IDEA :

Leaf plates are consumable items generally used in Rural area & Towns particularly during marriages, Social functions & other gathering where meals & refreshments are served. Raw materials i.e. Areca nut leaf is available in plenty in Areca nut plantations. Serving food on areca nut leaf plate saves time, manpower and water. The proposed unit is to deal with seasoning of areca nut leaf, acid washing, pressing washing & drying for long self life.

#### II. PRODUCT AND ITS APPLICATIONS :

The unit will be in a position to provide the different sized plates to meet the customer requirement and demand. The unit can also undertake to produce plates from other leaves like banana leaf adda leaf etc. Depending upon the availability of Raw material (Seasonal)

#### III. MARKET POTENTIAL :

There is a good market for areca nut leaf plates as they are disposable, environment friendly and do not require any maintenance and cleaning. This product is not only useful in marriages and other social functions but also in mobile hotels and road side eating houses. Hence, the demand is increasing day by day with the increase in different types of functions as well as establishment of hotels, mess and road side eating houses. There is no difficulty in marketing the product

#### IV. CAPACITY-INSTALLED, UTILIZED & SALES :

Sl. No.	product	No.	Rate (Average)	Total Amount (Rs.)
1.	Leaf plates	420000	200/- per 100 plates	840000/-
	<b>Total</b>			<b>840000/-</b>

#### Capacity of the proposed plant :

Production Capacity	420000 nos.
Working Hrs/ Days	8 Hrs.
Working days in a year	300 days
Annual Production	420000 nos.



## V. MANUFACTURING PROCESS & QUALITY :

The leaves are washed and dried. The dried leaves are set in order and fed to the machine one by one with specific mould mounted on the machine. The plates of required shape are produced and finishing is done. They are packed in bundles of 50/100 each.

For better quality, it is preferable to use Automatic machines rather than taking up the work manually. Selection of the raw material and adopting systematic procedure in the manufacturing process of the leaf plates yields quality products.

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

### A. COST OF PROJECT :

Particulars	Amount
Equipments	180000
Other fixed assets	20000
Preliminary and preoperative expenses	10000
Deposits	15000
Working Capital Requirements	67000
<b>Total</b>	<b>292000</b>

### B. MEANS OF FINANCE:

Particulars	Amount
Loan @ 75%	219000
Equity	73000
<b>Total</b>	<b>292000</b>

### C. WORKING CAPITAL REQUIREMENT :

Sl. No.	Particulars	Basis	Period	Amount (Rs.)
1	Raw material	240000/12 X ½	½ m	10000
2	Finished goods	384000/12 X ½	½ m	16000
3	Bills Receivables	840000/12 X ½	½ m	35000
4	Working Expenses	-	1 m	6000
	<b>Total</b>			<b>67000</b>

## VII. MAIN INPUTS REQUIREMENT :

### A. MACHINERY :

Sl. No.	Particulars	No	Rate	Total Cost
1	Plate making Machines	4	35,000	1,40,000
2	Other accessories			10,000
3	Installation, Electrification, Transportation etc			30,000
	<b>Total</b>			<b>1,80,000</b>



**B. RAW-MATERIALS(1M):**

Sl. No.	Particulars	Qty	Rate	Total Cost (Rs.)
01	Areca leaves	50000 leaves	300/- for 1000 leaves	15,000
02	Consumables			5,000
	<b>Total</b>			<b>20,000</b>

**C. UTILITIES :**

Sl. No.	Particulars	Total Monthly Charges. (Rs.)
1	Electricity (200 units @ 8.00 per unit)	1600
2	Water	400
	<b>Total</b>	<b>2000</b>

**D. MAN-POWER REQUIREMENT :**

Sl. No.	Workers	No.	Monthly Salary (Rs.)	Annual Salary (Rs.)
02	Skilled Labour	1	6000	72000
04	Unskilled labour	4	4000	192000
	<b>Total</b>			<b>264000</b>

**E. MAIN INFRASTRUCTURE REQUIREMENT :**

Building	Built up space of 500 sq.ft required
Power	Commercial power connection is required.
Water	Water is required for general purposes.

**VIII. PROFITABILITY (Annual) :**

Particulars	Basis	Amount (Rs.)
<b>Sales Revenue (Projected)</b>	Ref : IV	840,000
Raw Materials	Ref : VII B	2,40,000
Man power expenses	Ref : VII D	264,000
Utilities	Ref : VII C	24,000
Interest	@ 12%	26,000
Depreciation	20% SLM	36,000
Overheads	Rent, maintenance etc.	60,000
<b>Total Expenses</b>		<b>650,000</b>
<b>Profit</b>		<b>190,000</b>



**IX. FINANCIAL INDICATOR :**

$\frac{\text{Break Even Point FC}}{\text{SR - VC}} \times 100$	$\frac{122000}{312000} \times 100$	39%
$\frac{\text{Payback period COP}}{\text{Profit + Deprn.}} \times 12$	$\frac{292000}{226000} \times 12$	1 year 4 months

**ADDRESSES :**

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

1. Hegde Industries, B. H. Road,  
SAGAR,  
Dist Shimoga.
2. Star Associated Industries,  
Rani chennamma nagar  
Industrial area, Belgaum. Phone No. 0831-2440349

**Supplier of the raw material :**

Areca nut plantations in Kalghatgi and Banavasi, Sirsi and Siddapur

**XI. SPECIAL NOTE :**

The unit must be located in taluks where areca nut plantations are there.