
Round bamboo tea organizer

a. Introduction

Bamboo tea organizer can be used in place of regular organizer that is made up of plastic and other materials. Bamboo tea organizer is made of natural bamboo material, safe and durable to use. It is practical and multi-functional to use, excepting for storing tea, it also could be used for storing coffee beans, all kinds of nuts, spices and so on. There are a number of benefits to using this. Bamboo can be grown sustainably, does not pollute the environment, and composts relatively quickly. They are a great eco-friendly choice if you are looking for.

With change in lifestyle now days Bambo tea organizer is used in hotel and restaurants especially in ecotourism, or a regular usage in home and offices. The beautiful natural hand-crafted bamboo tea organizer provides perfect gift along with aesthetics and added socio economic and environmental benefits.

b. Market Demand

Bamboo tea organizer are re-usable/ zero waste. The bamboo tea organizer can be used again and again. It can last for years, if one takes good care of it and is manufactured without any emission/pollution. So, the market for bamboo handicrafts especially “Bamboo tea organizer” is large and ever-expanding. Handicrafts are very popular in many countries of the world where their natural appearance and their environmentally friendly production methods are major selling points.

c. Production Target

Bamboo tea organizer can be manufactured in a very decentralised manner and is easily done by small carpentry shops/ HH carpenters. The unit may be established on a small scale as private household businesses or on a larger scale as a cooperative or government enterprise. Especially for Bamboo artisans, individual carpenters and other disadvantaged groups, which can also ensure better income distribution, and earns valuable foreign exchange through exports.

d. Assumptions, if any

The essential requirements for a successful unit are:

- Regular supply of mature bamboo culms (appropriate diameter)
- Unskilled and skilled labour
- Small amount of start-up capital; and
- Market access.

e. Production Process

Bamboo tea organizer have always been made by hand traditionally and involves following steps in manufacturing

- Cutting of bamboo culms of desired diameter
- Making bamboo tea organizer embryos (Cutting size of the bamboo tea organizer)
- Processing the inner wall of the bamboo tea organizer

- Process the outer wall and bottom of the bamboo tea organizer
- Processing Lid and fixing
- Overall frosted fine processing

f. List of machinery required along with quantity with Unit Price.

- The tools required for manual making of bamboo tea organizer are; hand saws, shaving knives and hand drills, Flat/ round rasp file, bench vice and emery papers. These tools can easily be purchased from any local tool supplier.
- Electric hand and power tools can be used to increase productivity and reduce wastage of raw materials, The main machines are crosscutting machine, bamboo turning machine, power drill, angle grinder.

Sl. no	Tools & Equipments	Nos.	Unit Price in INR)
1	Hand saws	5	200
2	Shaving knives	5	250
3	Flat/ round rasp file (set)	2	750
4	Bench Vice	2	1,250
5	Electric cross-cutter	1	10,500
6	Electric bamboo turning machine	1	34,000
7	Angle Grinder	1	2,500

ONE PAGER SUMMARY OF BAMBOO TEA PACKAGING BOX

Sl. No.	Particulars	Description				
A. Project Description						
1	Proposed Project	BAMBOO TEA PACKAGING BOX				
2	Capacity of the machine (at 100% capacity utilization)					
3	Year wise capacity utilization	Year- 1	Year- 2	Year- 3	Year- 4	Year- 5
		70%	80%	90%	100%	100%
4	Raw Materials Required	Bamboo, Boric Borax, Super Glue, Colour/Dye agent, Miscellaneous items, Varnish/Lacquer				
5	Final Product	BAMBOO TEA PACKAGING BOX				
6	Infrastructure Required	Shed (500 sq ft)				
7	Plant and machinery	Hand saws Shaving knives Flat/ round rasp file (set) Bench Vice Electric cross-cutter Electric bamboo turning machine Angle Grinder				
8	Employment Generation	10 Hired labour – 8 semiskilled, 1 skilled, 1 unskilled				
B. Project Cost						
						(Figures in Rs. Lakhs)
1	Land (own)					0.00
2	Civil works and Buildings (500 sqft @200/sqft)					1.00
3	Machinery					0.63
4	Others					0.30
5	Sub-total (A)					1.93
6	Working Capital Margin @40% of Total WC Requirement					0.24
7	Total Project Cost					2.52
8	Total Working Capital Req (B)					0.59
C. Means of Finance						
						(Figures in Rs. Lakhs)
9	Total Funds Required(A+B)					2.52
10	TERM LOAN (75% of A)					1.45
11	WORKING CAPITAL (60% of B)					0.35
12	Total Loan					1.80
13	Equity					0.72
14	Total Own Contribution					2.52

D. Financial Benchmarks		(Figures in Rs. Lakhs)			
		Year- 1	Year- 2	Year- 3	Year- 4
1	Target Revenue (Lakh)	12	14	16	18
2	Break Even Point	59.46%	50.86%	43.66%	38.22%
3	DSCR including Principal repayment	4.47	3.15	4.18	5.42
E. Basic Assumptions					
1	Production of Bamboo Tea Packaging Box	8 semi-skilled labour will make on average 6-7 semi-finished tea packaging boxes per day depending on size. The skilled labour will do the finishing on the turning machine while the help in fixing the lids on the boxes			
2	Machinery	This is a profile of a household level enterprise with 10 hired labour.			
3	Interest rate assumed	11%			
4	Repayment period	5 Years with 3 months moratorium			
F. Others					
1	Training Institutes	CBTC Meghalaya, BCDI Agartala, IIE Guwahati, TRIBAC			
2	Whether the service is in the Negative list under NEIDS and MSME?	No			