

**TENDER DOCUMENT
(NO. CBTC/CBTP/171/2020-2021)**

**FOR
SUPPLY, INSTALLATION AND COMMISSIONING
OF
CANE AND BAMBOO PROCESSING MACHINE AT CBTP,
CBTC,BURNIHAT,ASSAM**



**CANE AND BAMBOO TECHNOLOGY CENTRE
A Society under North Eastern Council (NEC), Shillong, Government of India
13TH Mile G.S Road, Burnihat, Assam
Email: cbtcassam@gmail.com
Website: <http://www.cbtc.org.in>**

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Dated: 11/03/2020

TENDER Notice

1. The Managing Director, Cane and Bamboo Technology Centre (CBTC) invites sealed offers from reputed manufacturers or their authorized agents under part Tendering system viz part I: Techno-Commercial Bid and Part II: Price Bid for supply, installation and commissioning of cane and bamboo processing machine at CBTC, Burnihat, Assam.
2. **The general description/specification of the above machines is placed at Annexure-A**
3. Tender documents can be had from above office on any working day against payment of Rs. 500/- (Five hundred) in cash between 1030hrs to 1730hrs with necessary requisition letter address to the Managing Director, CBTC. The Tender document is non transferable. The tender document is also available in website www.cbtc.org.in
The tender documents shall be issued up to **22/03/2020** and last date of submission of tender shall be 25/03/2020.
The date and time for opening of Price Bid shall be informed in due course to the successful bidders only
4. Your offer should be submitted in Two Bid Form the offer must be submitted in two sealed separated envelopes, containing Techno-Commercial Bid along with TD fee and second containing Price Bid. The inner envelop must specify the Techno- commercial /Price bid, as the case may be. Both these envelopes should be placed in an envelop clearly specifying “Tender for cane and bamboo processing machine”

5. If Tender documents are downloaded from our website (<http://www.cbtc.org.in>) then the cost of the Tender Document by way of DD drawn in favour of Cane and Bamboo Technology centre (CBTC) payable at Guwahati is to be attached along with the offer by enclosing with Techno-Comercial Bid Envelop.
6. If Tender Document required by post, then add additional Rs. 100/- to the Tender Document cost. The same may be forwarded along with the request letter.
7. Late/delay/Post Tender received after closing of the tender will be summarily rejected.
8. The CBTC shall not be responsible for any postal delay.
9. If the prescribed date of closing /opening of tender is declared a holiday due to any reasons then the tender shall be opened on the next working day at the same place and at the same prescribed time.
10. General Specification, quantity, delivery period, location of delivery, supply of materials and warranty etc. are available in Tender Schedule from.
11. If other than original equipment manufacturer or his authorized agent participating, they should submit copies of purchase orders executed satisfactorily in past and copies of performance certificate issued by the user.
12. The venue of the Bid opening shall be CBTC's conference room, 13th Mile Burnihat, Assam. Managing Director-CBTC reserve the right to accept or reject any/all offers in part or full without assigning any reasons whatsoever.
13. Please send your bids to the Managing Director-Cane and Bamboo Technology Centre (CBTC) 13th Mile, GS Road, Burnihat, Assam

Annexure: A

GENERAL DESCRIPTIONS OF BAMBOO PROCESSING MACHINES

SI NO	Name of the Machine	Specification	Function of the Machine	Quantity
1	Heavy Duty Four Side Planning Machine	Four cutters need to be fixed Power consumption : 5 H.P x 1no : 2 H.P x 3nos : 1 H.P x 1 no ISI mark motor with starter Including panel board with emergency switch button	Make uniform strips/slat like a scale which is suitable for making bamboo board and other allied products.	1 no
2	Hydraulic Hot press Single day light (80kg/cm2) (3' X 4')	Purposes: To make Bamboo Strips Board Top Pressure & Side Pressure adjustment is required Top Pressure : 120 Tons Side Pressure : 60 Tons Maximum temperature: 160 degree centigrade. Hot steam will be used for control temperature of pressure plate	To make bamboo strips board	1 no
3	Spray Booth for hand coating	(W xD xH) : 2155 x 1090 x 2620mm Effective Spray area : 1600 x 1800mm Power : 3 H.P X1no & 2 H.P x 1no	For better polishing of any product	1 no
4	Slicing Machine (Multiple -5 stroke)	Able to make 4 to 5 pcs bamboo strips in one pass Power : 3-5 H.P	Make thin slice	1 no
5	Air Compressor with pipeline for Air	Oil lubricated compressor Maximum pressure :12kg/cm2 Working pressure :2-3 kg/cm2 Number of unit : 1 no Power : 10 H.P Capacity : 38 CFM Tank Capacity : 200 litre	For running any kind of pneumatic tools	1 no
6	Hydraulic pallet Truck	Manually operated Maximum Capacity : 2.5 Tons	Shifting of machine and other heavy materials inside workshop	1 no
7	Bamboo Pellet Making Machine Capacity 500	Production capacity For briquette : 850 kg/hr	Make energy pellet which can be used for	1 no

	kg/hrs	For pellet : 1000kg/hr Power : 30H.P x 1 no, 5 H.P x 2 nos, 2 H.P x1 no & 1 H. Px 2 nos	making bamboo charcoal	
8	Hammer Grinding machine for making Dust	Production Capacity: 1000 kg Power : 20 H.P	Making uniform bamboo dust for making bamboo energy pellet	1 no
9	Mechanized charcoal making machine including accessories	To make bamboo activated charcoal, To make bamboo Vinger To make bamboo raw charcoal Production capacity 500-600 kg/day	Making bamboo charcoal	1 no
10	Universal circular saw	Saw blade diameter: 14” Saw arbor Speed : 3000-400 r.p.m Power: 3 H.P	Cutting of bamboo board for furniture	1 no
11	Universal Radial Arm saw	Blade Diameter: 12’ Head Swiveling: 0-180 Degree Head Tilting : 0-90 Degree Power: 3 H.P	Useful for furniture making	1 no
12	Scroll Saw	Speed of saw blade: 1500 -2000 r.p.m Power: 1 H.P	Useful for furniture making	1 no
13	Table saw/Sliding Table saw	Made by Bosch/Hitachi Bosch GTS 10J Professional Saw blade Diameter:254mm Inclined Setting : 47 degree L/2 degree	Useful for furniture making	1 no
14	Single Spindle Router (Vertical)	Spindle Speed : 6000-7000rpm Table height and router spindle angle can be adjusted Power: 3 H.P	Making Groove for furniture making	1 no
15	Vertical sponge sander	Power : 2 H.P Sanding belt size: 152 X 635mm (6” x 25”) Table tilt : 45 degree	Polishing of Bamboo mould	1 no
16	Cane Bending Machine with Steam Boiler (250-300kg) including pipeline	Fire tube Steaming Chamber-2 nos Fuel: Bamboo wastage Softener	For bending of Cane/ Rattan without any manual heating. For generating of steam which Carbonizer Boiler could able to run	1 no
17	High Speed Tooth Prick making machine.	Adjustment of two side profile cutter for sharpening Adjustment of Grinding wheel at two side for fine sharpening	Manufacturing of Bamboo Tooth Prick	1 no

		Power Consumption: 1 H.P-1no. ½ H.P x 4 Nos Capacity: 1000 pcs/minute		
18	Tooth Pick Packaging Machine	Adjustment of Vibration feeder for tooth prick Automatic feeder of Packaging paper Adjustment of printing roller Power Consumption: 1 HP Capacity: 150-200 pcs/minute Width of Paper: 25-30mm	Packaging of Tooth Prick	1 no
19	Bamboo Pressure Vacuum Impregnation Treatment Pant	<ul style="list-style-type: none"> Length of Cylinder-22 feet Diameter of Cylinder-3 feet 6 inches Storage Tank (Mixing for chemicals) will be included/ under Ground storage tank (kindly quote for both one which is included storage tank & other is excluded storage tank) Treatment Cylinder shall be capable to withstanding vacuum of 650mm Hg and pressure of 200 psi (14 kg/cm²) Storage tank should be fabricated from carbon steel plate of 6mm thickness. Hydraulic pressure pump shall be capable to raise the pressure up to 14 kg/cm² in about 10 minutes Thickness of Cylinder-10mm, It should be quick opening & closing wedge locking system (wedge locking System) 	Treatment for Bamboo	1 no

		<ul style="list-style-type: none"> All motors & valve should be made by Crompton Greaves and electrical parts made with best quality In panel board safety device should be attached 		
20	Laser Engraving Machine	Wattage: 60 watt Laser Source : hermetic Co2 glass tube Max Cutting Speed: 25mm/min Work Area 400 x 500mm Rotary system is required for round surface	Work on Bamboo and Wood	1 no

(Tender Schedule)

- The offers shall be assessed based on the total cost of the machine and not on the cost of individual machine.
- The rates of above set of machineries to be quoted for the following location
13th Mile, GS Road, Burnihat, Assam
- The firms shall be short listed on the basis of Techno-commercial bids along with few pictures of machines and price bids of successful bidders shall be opened only.
- For two bid enquiries offer must be submitted in two separates envelopes, one containing Techno-Commercial Bid and second containing Price Bid, duly sealed from outside and kept in an envelope. The inner envelop must specify the techno-Commercial Bid/Price Bid as the case may be. Both these envelope should be placed in an envelop clearly specifying “**Tender for cane and bamboo processing machine**”
- Tenderers must give the complete information regarding their manufacturing unit and their previous experience in the prescribed form and also clear photograph of all machine may be attached.

DOCUMENT TO BE SUBMITTED ALONG WITH THE TENDER

1. GST No.....
2. Trade License, Factory License.....
3. Income Tax Permanent Account No.....

4. Service Tax Regn. No.....
5. Memorandum and Article of Association, Partnership Deed,
6. Registration Certificate issued by the Registrar of Firms, etc.....
7. Registration Certificate with respective Institute.....
8. Current dealership agreement from the Principal along with SSI/NSIC certificates.....
9. Annual Turnover certificates for last three years certified by a CA.....

General Instruction of Tenders

- **Sale of Tender documents** **As per Tender notice**
- **Envelope containing the Techno-commercial bid along with pictures of all quoted machine & price bid to be address to**

To

The Manager

Cane and Bamboo Technology Centre

13th mile G.S Road, Burnihat, Assam

- **The tender is for manufacture, supply, installation and commissioning of the Cane and Bamboo Processing machine as detailed in the Tender Schedule (Annexure-A) and the contracts made under this tender shall be governed by the instructions to tenders.**

Manager-Training

Cane and Bamboo Technology Centre (CBTC)

13th Mile Burnihat, Assam