

TENDER DOCUMENT

(No. NECBDC/MT/318/2023)

FOR

SUPPLY, INSTALLATION AND COMMISSIONING

OF

CANE AND BAMBOO PROCESSING MACHINE in NE Region

NORTH EAST CANE BAMBOO DEVELOPMENT COUNCIL (NECBDC)

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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1. BRIEF DESCRIPTION:

North East Cane and Bamboo Development Council is a premier organization providing all round support for development of bamboo sector in the NE region of India. The council invites Technical and Financial proposals from reputed registered firms having income tax, sales tax registration and who has experience in the field of manufacturing and supplying of Cane & Bamboo processing machine for last 10 years. The Cane & Bamboo processing machine will be installed and commissioned in NE States.

This is a two part bid system with Technical bid and financial bid forming the two parts. The Technical and Financial bid should be sealed in separate envelopes and then both sealed covers to be placed in one envelope clearly super scribing on the envelope, “supply, installation and commissioning of cane and bamboo processing machine in NER.

2. PARTICULARS OF TENDER:

SI No	Particular	Activities
1	TENDER No	No. NECBDC/MT/318/2023.
2	Particulars of the work	“supply, installation and commissioning of cane and bamboo processing machine in NER
3	Period of work	1 month from the award of work (exclusive of coordination period with other agencies working on site)
4	Cost of TENDER document	Rs. 1000/- in the form of Demand Draft in favor or Cash
5	Last date and time of Submission of TENDER (by hand/courier/ post)	17-10-2023 at 3 pm.
6	Period of validity of TENDER for acceptance	7 days
7	Place of opening of TENDER	North East Cane & Bamboo Development Council 13 th Mile, GS Road, Assam
8	Security Money	1% earnest money of the total quoted price

3. General Particular of the Tenderer

1. Name of firm :
2. Communication address :
3. Telephone, Telex, Fax No :
5. E-mail :
6. Web site :
7. Name and designation of the representative
of the Tenderer to whom all reference
communication shall be made :
8. Amount of earnest money/bid security
Amount @ 1% of total quoted cost :
9. Firm Registration number / details :
10. Copies of ITR acknowledgement :
11. GST registration No. :
12. Previous experience or work done by the
Tenderer of similar nature of project :
13. Name and address of the manufacturer/ :
Authorized dealer (please attach authorization certificate).

(Signature of Tenderer)

With Seal

**4. EXPERIENCE:
(Details of Each Project)**

Item	
1. Title of the project	
2. Location	
3. No. of works/projects completed	
4. Entity/ Agency with which project has been executed	
5. Date of commencement of the project	
6. Date of completion/ commissioning	
7. Cost of the Project	
8. Scope of Work	

5. COVER LETTER:

Letter Comprising of Tender for the supply, Installation & Commissioning of Cane & Bamboo Processing Machine in NER

To,
The Managing director
North East Cane and Bamboo
Development Council Centre, 13th Mile,
G.S. Road, Burnihat, Assam PIN –
781023(Assam)

Sub: Tender for the supply, Installation & Commissioning of Cane & Bamboo Processing Machine in NER.

Dear Sir,

With reference to your TENDER notice dated 11th October,2023, I have examined the TENDER document and understood its contents. I hereby submit my Bid for the supply, Installation & Commissioning of Cane & Bamboo Processing Machine in NER. Following points are

1. The Application is unconditional for the said Tender.
2. It is acknowledged that the Authority will be relying on the information provided in the tender and the documents accompanying such tender for qualification of the bidders for the above subject project, and we certify that all information provided in the tender and in Annexures are true and correct; nothing has been misrepresented and omitted which renders such information misleading; and all documents accompanying the bid are true copies of their respective originals.
3. This statement is made for the express purpose of the above mentioned subject.

We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Qualification statement

We acknowledge the right of the Authority to reject our bid without assigning any reason or otherwise and hereby relinquish, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.

4. It is declared that:
 - (a) We have examined and have no reservations to the Tender document
 - (b) We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in respect of any Bid or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State.
5. It is understood that the Institute may cancel the Bidding Process at any time without incurring any liability to the institute and that you are neither bound to invite the applicants to Bid for the project nor to accept any bid that you may receive.
6. It is certified that we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
7. It is further certified that no investigation by any regulatory agency is pending against us.
8. It is hereby affirmed that we are in compliance of/ shall comply with the O&M requirements for one year.
9. We hereby irrevocably relinquish any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of bidders, selection of the Tenderer, or in connection with the selection/ Bidding Process itself, in respect of the above mentioned Project and the terms and implementation thereof.
10. We agree to undertake to abide by all the terms and conditions of the TENDER Document.

We agree to undertake to be liable for all the obligations of the Tenderer under the Agreement. In witness thereof, we submit this application under and in accordance with the terms of the TENDER document

Yours faithfully,

(Signature, name and designation of the Authorized Signatory)

Place: Name and seal of the Bidder/ Lead Member

Instructions:

1. Tenderers are expected to provide information with respect to only Eligible/Qualified Projects.
2. Information provided in this section is intended to serve as a back-up for information provided in the TENDER.
3. An authentic experience certificate should be annexed with respect to each eligible/qualified Project from the Agency for which the project is executed.
4. Provide the estimated capital cost of each Eligible/Qualified Project.

**(Signature of Tenderer)
With Seal**

SUBMISSION OF TENDER**6.1 SEALING AND MARKING OF TENDER:**

- 6.1.1 The TENDER must be complete in all aspect and should contain requisite certificate, informative literature etc. as required in the specification.
- 6.1.2 Tender Document can also be downloaded from CBTC website (www.necbdc.org) but tender document fees is mandatory.
- 6.1.3 This is a two part bid consisting of Technical bid and financial bid. The Technical and Financial bids should be sealed in separate envelopes and then to be sealed in one Envelope clearly super scribing on the envelope, “The supply, Installation & Commissioning of Cane & Bamboo Processing Machine in NER”

Earnest Money Deposit:

- c. Bidder shall furnish bid security for an amount of 1% of the total value quoted for supplying, installation & commissioning of machine and equipment in the form Bank Demand Draft in favor of Cane and Bamboo Technology Centre from any Nationalized Bank payable at Guwahati. This should be enclosed in the Technical bid cover. Tender with out EMD will be summarily rejected.
- d. The EMD deposit by the successful bidders shall be held back toward the security deposit and will be refundable after successful installation, trial & training.

Refund of EMD

The EMD of the unsuccessful bidder will be returned within two weeks from the date of opening of the Technical bids. This amount will not carry any interest.

The bid shall include:

- a. Forwarding letter by the Tenderer
- b. All required documents
- e. Cost of tender by Demand Draft, towards processing charges (non-refundable)
- f. EMD 1% of the offered cost of machines in the form Bank Demand Draft/FDR in favour of Cane and Bamboo Technology Centre from any Nationalized Bank.

- g. Technical bid.
- h. Financial Bid

6.1.4 TENDER should be addressed to:-

Managing Director
North East Cane and Bamboo Development Council
13th Mile, G.S. Road, Burnihat ,Assam-781023

- a. Tenders may be received through Post/courier/by hand. North East Cane and Bamboo Development Council with the additional postal charges.
- b. NECBDC will not be responsible for any delay or misplace in postal transit.

6.1.5 EXPENSES OF AGREEMENT:

All the expenses of completing of the agreement including cost of stamp or any other kind of expenditure incurred in the process of TENDER submission till final compliance shall be borne by the Tenderer.

6.1.6 DEADLINE FOR SUBMISSION OF BIDS:

TENDER must be received by the North East Cane and Bamboo Development Council, Burnihat at the date, time and address specified in the TENDER notice/ TENDER documents.

6.2 LATE BIDS:

Any TENDER received after the deadline for submission of TENDER prescribed by the Cane and Bamboo Technology Centre, Burnihat at shall be rejected and / or returned unopened to the Tenderer.

NOTE:-

1. Please submit quotations in two separate SEALED envelope, one indicating Technical specifications and the other containing commercial terms & prices. These two envelopes should be again kept in one envelope, indicating Quotation for “The supply, Installation & Commissioning of Cane & Bamboo Processing Machine in NER”..
2. Financial bid will be opened only of the bidders who will be qualified in the Technical bid.
3. The Centre will contact only bidders meeting the requirements including the rates.
4. The payment will be made after successful on-site installation of ordered items.
5. North East Cane and Bamboo Development Council, Burnihat reserves the right to split the order among two or more vendors.
6. The price quoted will be applicable to the specifications mentioned in this quotation notice.
7. The bidders may, specifically mention if any higher specifications are offered.
8. The selected vendors will be required to supply the items within the time mentioned in the work order.

9. Please indicate whether you will be able to supply the item within time specified after receiving the order.
11. Please specify the minimum period for delivery if you are not able to supply within the said Period. Early delivery will also be a factor for consideration in deciding the successful bidder.
12. A penalty of 0.5% of the total order value will be imposed per week for late delivery.
13. In addition, before release of payments of the work, 2% of the total cost will be deducted as Performance Security during the warranty period.
14. After winning the order, if you fail to supply, your EMD will be forfeited and you will be Black listed from participating in any future bid/tender.

The decision of acceptance of the quotation will lie with the competent authority of North East Cane and Bamboo Development Council, who does not bind himself to accept the lowest quotation and who reserves the right to himself to reject or partially accept any or all quotations received, without assigning any reason.

(Signature of Tenderer)
with seal

7. TENDER OPENING

7.1 OPENING OF TENDER:

The procedure of opening of the TENDER shall be as under:

Financial Bid (Tenders) of the Tenderer who qualify in the technical bid shall be opened in the presence of designated Authority and Tenderers who wish to be present there. The date of Financial bid opening will be informed to the shortlisted bidders subsequently.

CLARIFICATION OF TENDER:

7.2.1 To assist in the examination, evaluation and comparison of TENDER, North East Cane and Development Council (NECBDC), Burnihat may at its discretion ask the Tenderer for a clarification on the TENDER which is submitted by him. The request for clarification and the response shall be in writing.

7.2.2 Centre will be at liberty to involve any expert or consultant in evaluating the bid for completing the entire bid process.

(Signature of Tenderer) With seal

8. AWARD OF CONTRACT

The Tenderer should pass in all items of “Eligibility Criteria”. Eligible tenderer quoting the lowest offer price shall be awarded the contract.

8.1 North East Cane and Bamboo Development Council (NECBDC), Burnihat reserves the right of negotiation with eligible Tenderer before the finalization of the TENDER.

8.2 North East Cane and Bamboo Development Council (NECBDC), Burnihat reserves the right at the time of award of contract to increase or decrease the numbers of locations/quantities without any change in terms and conditions.

8.3 North East Cane and Bamboo Development Council (NECBDC), Burnihat reserves the right to accept any bid and to reject any or all bids or accept any TENDER in total or in parts or to split the work among various Tenderers without assigning any reason thereof.

8.4 NOTIFICATION OF AWARD

Prior to the expiration of the period of TENDER validity, the Centre will inform the Tenderer by registered letter or by phone or fax or by e-mail that the bid has been accepted and the work has been awarded.

8.5 EXECUTION PERIOD

The entire work shall be completed in all respect within **60 days**. In case time specified the project cannot be completed in 60 days than please mention the minimum time required to complete the work.

(Signature of Tenderer) With seal

SPECIFICATION OF THE MACHINE

SI NO	Name of the Machine	Specification	Function of the Machine	Quantity in No
1	Round Bamboo Cross Cutting Machine (Heavy Duty)	Maximum diameter of Bamboo to be cut : 200mm (8") Dimensions of the Machine (including Front & back guider) : 17'X4'X2.5' Power consumption : 2 H.P Spindle Speed (Minimum) : 2800 rpm ISI mark motor with starter Required Intake and out feed table	Cross cut of bamboo in mechanized way by moving circular saw including high speed tungsten carbide tips.	1
2	Parallel Splitting Machine	Double side cutting adjustment Dimensions of the Machine : 58"X72"X38" (suitable for I meter cutting of bamboo) Power consumption : 5 H.P x 2 Spindle Speed (Minimum) : 2800 rpm ISI mark motor with starter	Make straight bamboo strips/slat with uniform width, suitable for making bamboo furniture and manufacturing strips board.	4
3	Radial Splitting Machine	Maximum 8' bamboo cane be split Dimensions of the Machine : 198"X35"X50" Power consumption : 5 H.P-7 H.P x 1 Speed (Minimum) : 8 rpm Chain type system 6 splitting knife need to be fixed as spare blade. ISI mark motor with starter	Make many bamboo strips along with fiber in a very short time by hitting the bamboo in mechanized way.	1
4	Out Side Node Removing machine	One table with adjustable height and one cutter should exist. Both side table for feeding bamboo is also required Power : 2 H.P	Make remove outer node from bamboo mechanically.	1
5	Inside knot removing cum two side planning machine	Two top and two bottom cutters including inside knot removing, width sizing adjustment Power consumption : 3 H.P x 2nos . 2 H.P x 3nos Speed (Minimum) : 8 rpm ISI mark motor with starter	To make stips /slat at uniform thickness and width by the movable high speed cutter and knives have been fixed as desirable position.	2

6	Four Side Planning Machine	Four cutters are 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 box.	Make uniform strips/slat like a scale which is suitable for making bamboo board and other allied products.	2
7	Drying Chamber	Construction Size 15 cubic meter Wastage bamboo will be used as fuel Power Consumption : 3 H.P	To reduce moisture from bamboo/ strips/stick etc up to 12% circulating hot air in a Chamber.	2
8	Boiling Tank/Dipping Tank	Made with Stainless Steel Size of Tank : 8' x 2' x 2'	Boil bamboo/strips/slivers to leach out sugar & starch and protect with borer attack	1
9	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
11	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
12	Stick/Strip Sizing Machine	Saw Blade diameter : 14-16" No of teeth : 140 to 160mm Saw blade Thickness : 2mm Power: 2 H.P	Size of stick as per desired length	1
13	Air Compressor	Oil lubricated compressor Maximum pressure : 14 kg/cm ² Working pressure : 2-3 kg/cm ² Number of unit : 20 nos Power : 20-30H.P	For running any kind of pneumatic tools	1
14	Universal Grinding Machine	Able to sharp all kind of cutter Water cooling system is connected Diamond Wheel is required to sharp carbide tips Power : 2 H.P x 1 no & ½ H.P x 1 no	For sharpening of cutter & tools	1
15	Hydraulic pallet Truck	Manually operated Maximum Capacity : 2 Tons	Shifting of machine and other heavy materials inside workshop	2
16	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
17	Universal circular	Saw blade diameter: 14"	Cutting of bamboo	1

	saw	Saw arbor Speed : 3000-400 r.p.m Power: 3 H.P	board for furniture	
18	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
19	Scroll Saw	Speed of saw blade: 1500 -2000 r.p.m Power: 1 H.P	Useful for furniture making	1
20	Table saw/Sliding Table saw	Made by Bosch/Hitachi	Useful for furniture making	1
21	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
22	Bamboo Bale Making Machine	Power: 10 H.P Size of the bale 8" x 8" x 8" Hydraulic system	Making bamboo bale	1
23	Carbonized Chamber	Diameter-3 feet 5-inch, Length :12 feet Movable trolley is required The chamber need to with stand 4kg/cm ² steam pressure. Temperature meter/pressure gauge	Make carbonized	1
24	Laser Engraving Machine	Wattage: 60 watt Laser Source : hermetic Co ₂ glass tube Max Cutting Speed: 25mm/min Work Area 400 x 500mm Rotary system is required for round surface	Designing of Bamboo Products	1