

(Price: 500)

**Tender For**

**Construction, Supply, Installation and Demonstration of Mist Chamber and Hardening Chamber for bamboo plants**

**To**

**Uttarakhand Bamboo & Fiber Development Board Dehradun**

***Last Date & Time of Submission of Tender: 30-07-2024 up to 03.30 PM***

***Date & Time of Opening of the Tender: 30-07-2024 at 04.00 PM***

**Submitted To:**

**The Chief Executive Officer/State Mission Director**

**Uttarakhand Bamboo & Fiber Development Board**

**Indira Nagar, New Forest Colony Dehradun (Uttarakhand)**

# TECHNICAL PART- TENDER FORM

(To be filled in by the tenderer)

To,

**The Chief Executive Officer/ State Mission Director**  
Uttarakhaand Bamboo and Fiber Development Board  
Indira Nagar, New Forest Colony  
Dehradun (Uttarakhand)

**Sub.:** Tender for providing and setting up Mist chamber and hardening chamber to be opened on 30.07.2024

**Ref.:** Notice Inviting tenders published in the local dailies Amar Ujala and Dainik Jagaran Uttarakhand Edition on 16.07.2024

I hereby submit my tender as follows:

1. Full name of the tenderer (in block letters):.....

2. Postal Address of the Tenderer:.....

.....

.....Phone:.....Fax:.....

.....E-mail:.....

3. Status of the Tenderer: Individual/Partnership Firm/Co-operative Society/Joint Stock Company: .....

4. In case of the tenderer being other than individuals, status of the person who sign the tender: .....

5. Details of the clients who have been provided and set up mist and hardening chambers during last 3 years (attach separate sheets(s) if required)

SL. No.	Name of firms where mist and hardening chambers are established by the company/firm	Duration	Project cost

6. Annual turnover of the firm and company in INR.....

## Specification work:

### 1-Mist Chamber (Total no. 1)

Size : 96 sq.mt.  
Ridge Height : 04.0 m  
Gutter Height : 02.5 m

Design : Gothic shape.

Buffer Room: 2.0m x 2.0m with double door system size 2.0m x 1.0m each

S. No.	Description of Material/Work	Qty.
1.	Main Structure: Made of 2m thick ISI standare (1239), GI HS section, for vertical members, rood truss, horizontal runners etc., including cutting, bended in required shape, complete as per requirements, 47 x 47mm, 38 x 38mm, $\pm 1$ mm.	Complete set
2.	Structure Glazing: with 6mm thick double walled U.V. Stabilized Poly Carbonate sheet fixed with aluminium infra covering strip, thermal insulation by silicon sealant.	Complete set
3.	Roof Screen: 50% shading net rolling system with manually operated gear.	Complete set
4.	Fogging/Misting system: To increase the humidity up-to 80% $\pm 5$ % by providing fogging/mist Nozzles hanging type (2.0 x 2.0m), with fine discharge (28-30 l/hrs) at 4bar pressure, with heavy duty pump head unit, filter assembly etc. complete.	One set
5.	Electric Fitting: Complete electrical wiring of green house with copper wire, MCB, main switch, light/power points as per requirement	One set
6.	Cooling System: Evaporating with fan and cellulose coated cooling pad 100mm thick, aluminium frame with water distribution, water circulating channel with heavy duty pump and other accessories, slow speed Axial fan belt driven with single/3 phase motor. As per below detail. Pad size : 7.0m x 1.5m Thickness : 100mm (4") Frame : Coextruded aluminium for top sides & bottom Pump : 0.5/1.0 HP (As per requirements) Fan : 2 Nos. Axial belt driven Speed : Slow (500-600 RPM Approx) Louvers : Auto openable Motor : 1.0 Hp Single/ three phase Net screen : for dirt protection by covering pads from out side	One set complete
7.	Control Panel: Microprocessor based Programmable Control system with provision of sensing, regulating, of temperature, and humidity, Automatic power off on reaching limits Mounted in CRC powder coated panel.	One set
8.	Vents: By providing 2 window on each side wall size 1.0m x 0.50m, vent area will be covered with SS net 40 mesh fixed with aluminium beading.	4 Nos.
9.	Earth Work: Excavation in trenches & foundation.	One
10.	Foundation: Grouting of side poles (1'x1'x2.5' below earth surface in cement concrete 1:2:4 (1: cement, 4 coarse sand, 4 stone aggregate).	Complete
11.	PCC: 1:5:10 in foundation.	Complete
12.	Curtain Wall: Made of CC blocks/Stone/FPS bricks in 1:6 CM, all side of the Green house 1.0' above GL with below earth surface .	Complete
13.	Plaster: 12 mm thick in 1:4 CM (1 cement, 4 fine sand).	Complete
14.	Painting: Painting of walls with 2 or more coat of cement paint of	Complete

	approved colour/shade.	
15.	Plumbing Work: For fogging & cooling system with necessary fitting GI/PVC, Polymer tank 2x1000 lit.	Complete
16.	Flooring/ Pathway: Natural soil with 2' wide x 20m long, central path made of 100mm thick PCC 1:8:16 and 50mm thick 1:2:4.	Complete

## 2-Hardening Chamber ( No. 2 (50% )

Unit Area size: 96 Sq.mt.

Centre Ht : 11.0'

Side Ht : 8 0'

**Structure:** Made of 2m thick ISI standard (1239), GI HS section, for vertical members, roof truss, horizontal runners etc., including cutting, bended in required shape, complete as per requirements, 47 x 47mm, 38 x 38mm,  $\pm 1$ mm.

**Door:** Size 2.0m x 1.0m made of sq pipe 38 x 38mm with necessary fittings, (handle, locking bolts, chitkani etc.)

**Covering:** With UV stabilized 50% and 75% agro light transmission shade net to be sized with aluminium profile/strip, screw etc.

**Irrigation System:** by providing following system.

Nozzles : Micro sprinklers hanging type.

Water Discharge : 70 LPH each nozzles.

Lateral pipe : 16mm LDPE black.

Filter : Disc.

Spacing : N/N 2.5m x L/L 3.0m.

Tank : PVC 1000 ltr.

Pump : 1.0 hp

Foundation: Grouting of side poles in CC 1:3:6 (30 x 30 x 60cm) below GL.

**Curtain Wall:** With first class brick/ CC blocks in 1:6 (cement sand mortar), all side of the mist chamber 23 cm thick, 30 cm above ground level and 30 cm below GL, with plastered (1:5CM) and painted with cement paint (Snowchem).

**Floor:** Made of 50mm thick cement concrete (1:2:4) over 100mm thick PCC base, inside the structure.

I/We hereby confirm that the informations given in the technical form are true and correct to the best of my/our knowledge in respect of construction, supply, installation and demonstration of Mist and Hardening chambers to the Uttarakhand Bamboo and Fiber Development Board.

**Singnature of the Tenderer**

**Date:.....**

## FINANCIAL PART- TENDER FORM

To,

**The Chief Conservator of Forests/ State Mission Director**  
Uttarakhaand Bamboo and Fiber Development Board  
Indira Nagar, New Forest Colony  
Dehradun (Uttarakhand)

**Sub.:** Tender for providing and setting up Mist chamber and hardening chamber to be opened on 30.07.2024

**Ref.:** Notice Inviting tenders published in the local dailies Amar Ujala and Dainik Jagaran Uttarakhand Edition on 16.07.2024

I hereby submit my tender as follows:

6. Full name of the tenderer (in block letters):.....

7. Postal Address of the Tenderer:.....

.....

.....Phone:.....Fax:.....

.....E-mail:.....

8. Status of the Tenderer: Individual/Partnership Firm/Co-operative Society/Joint Stock Company: .....

9. In case of the tenderer being other than individuals, status of the person who sign the tender: .....

10. Cost of the tender:

Sr.No.	Name of work	Area	Tender cost including all taxes.
1.	Mist chamber: (as per specification on technical bid)	96 Sq.mt.	
2.	Hardening chamber 50% light transmission (as per specification on technical bid)	96 Sq.mt.	

(a) Earnest Money Deposit (EMD)

Sl. No.	Nature of the payment instrument*	Bank on which Drawn	Number and Date	Amount (Rs.)
1				

**\*Demand Draft**

(b) In case tender document is downloaded from the UBFDB website details of cost of tender document submitted:

<b>Sl. No.</b>	<b>Nature of the payment instrument*</b>	<b>Bank on which Drawn</b>	<b>Number and Date</b>	<b>Amount (Rs.)</b>
1				

(c) Original or a copy of money receipt in respect of payment of cost of tender document.

**Signature & Seal of the Tenderer**

**Date;.....**

# Terms and Conditions

1. Sealed comparative tenders are invited by Registered Post only from reputed organisation/firms/suppliers for supply, construction, installation and demonstration of the items **(as mentioned specifications in the technical part)** at Uttarakhand Bamboo and Fiber Development Board, Dehradun under National Bamboo Mission.
2. **Obtaining of Tender Form**
  - (a) Tender form containing detailed specifications of the plants to be supplied along with terms and conditions may be obtained from the State Mission Director Uttarakhand at the office of the Chief Executive Officer, Uttarakhand, Indira Nagar, New Forest Colony, Dehradun- 248006 Uttarakhand on Payment of Rs. 500 either in cash or by crossed Bank Draft/Pay Order payable to Uttarakhand Bamboo and Fiber Development Board. Fee of tender form is not refundable.
  - (b) Alternatively the complete set of tender forms can be downloaded from the official web site of the Uttarakhand Bamboo and Fiber Development Board **www.ubfdb.org.in**. All tenders submitted on the tender document downloaded from the website shall be enclosed with non-refundable demand draft/NEFT/RTGS for an amount of Rs. 500 (rupees Five hundred) only drawn in favour of the Uttarakhand Bamboo and Fiber Development Board payable at Dehradun being the cost of the tender document.
  - (c) Sale of tender form: **Up to 16-07-2024**
  - (d) Last date and time for receipt: **30-07-2024 up to 3.30 PM** of completed tenders by registered post only.
  - (e) Opening of Tender: **30-07-2024 at 4.00 PM**
  - (f) If the above mentioned closing and opening day of the tender happens to be non-working day, the tender will be received and opened on the following working day at the same time.
  - (g) Chief Executive Officer/State Mission Director Uttarakhand shall not be responsible for any delay in sending the tender document by post. No plea of tender reaching late due to accident, traffic jam, strike etc. shall be entertained.
  - (h) Tender document is non-transferable.
3. Tender should be submitted in two bid system i.e. technical and financial bid. Price bid will be opened only after, if technical bid found as per the term and conditions given on the tender document.
4. The rates quoted for carrying the above mentioned work should be inclusive of CST/GST and any other levies/taxes applicable at the time of tendering.
5. The tender received without EMD/in the form of DD shall be rejected.
6. The DD shall be drawn in the name of the "Uttarakhand Bamboo and Fiber Development Board" payable in Dehradun.
7. The rates should be quoted by the firms, who are able to carryout the work on receipt of the clear work order by this Department.

8. The work should be executed as per given specification.
9. The payment will be made after completion of the work and at the satisfaction of the representative of Department.
10. The rate should be quoted F.O.R. Destination Ladpur, Dehradun, Uttarakhand.
11. Tender should accompany 2% of the amount of cost of supply as earnest money pledged in the name of “**Uttarakhand Bamboo and Fiber Development Board**” in the shape of Bank Draft payable at Dehradun only. No cheque will be entertained.
12. The refund of earnest money deposited by the firm/tenedrer will be made after 3 months of the satisfactory installation of the mist and hardening chambers.
13. The tenderer should be accompanied along with detailed literature/technical specifications.
14. Right to reject or accept any or all tenders is reserved with undersigned.
15. The tenderer should have minimum turnover of Rs. 50.00 Lakh to 2.00 Crore in every year in last 03 year. The tenderer has to submit the copies of the audited Balance Sheets and Profit & Loss account for last three year financial year i.e. 2020-21, 2021-22 and 2022-23, duly certified by the registered Chartered Accountant.
16. The tenderer must have PAN card and GST Number in the name of agency/firm concerned and must submit the attested copies along with tender.
17. The tenderer should mandatorily sign on every page of the Tender Document, which would show their unconditional acceptance of all the term and conditions of the tender document.
18. Before furnishing any document, the tenderer may undertake a visit to the site to analyse the site conditions and scope of work etc. at their own cost. UBFDB will provide assistance to show the site.
19. The selected tenderer must complete the supply, installation and demonstration within 1 Month from the date of supply/work order.

**CERTIFICATE OF ACCEPTANCE OF TERMS AND CONDITIONS**

I/We have read fully understood the terms and conditions as laid down above in respect of construction, supply, installation and demonstration of Mist and Hardening chambers to the Uttarakhand Bamboo and Fiber Development Board due to the opened on 30.07.2024.

I/We agree to abide by the same.

I/We have signed all the pages of the tender document as laid down.

Dated.....

Signature and Seal of the  
Tenderer or his Authorized signatory

Address with stamp .....

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Contact No:.....