



**Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu**  
**Faculty of Horticulture and Forestry**  
**Main Campus, Chatha -180009**

**Notice Inviting e-Tender**

**e-NIT No: AU/FPU/25-26/2**

**Dated: - 15 -09-2025**

On behalf of the SKUAST-Jammu, tenders are invited through e-tendering mode from the eligible registered/specialized firms dealing in the field for the work as per specifications given in **Annexure-I: -**

Item No.	Name of Work	Quantity	EMD (Rs.)	Completion period	Cost of Tender Document (in Rs.)
1	Construction of Mist Chamber on Turn key basis under HADP Project No. 5 (M&AP)	01	1,00,000/-	03 months	1000.00

1. The Bidding documents/NIT can be downloaded from the website <http://jktenders.gov.in> from 17-09-2025 (9:30 A.M.) to 30-09-2025 (4.00 P.M.). Bid document contain qualifying criteria for bidder, specifications, terms & conditions and other details/requirements.
2. a) The bids shall be deposited in electronic format on the website <http://jktenders.gov.in> from 17-09-2025 (9:30 A.M.) to 30-09-2025 (5.00 P.M.). The Technical bids received will be opened on or after 01-10-2025 online. Financial bids of only those bidders will be opened online who are found technically responsive by the evaluation committee or any other committee constituted by the university.  
b) The complete bidding process will be online.  
c) The contractors/Firms/supplier are advised to go through the Technical specifications and conditions mentioned in the NIT and quote the rates after visiting the site of work.
3. List of original copies of tender documents to be scanned and uploaded with the bid: -
  - i. Copy of Registration card duly renewed for the financial year 2025-26 valid upto ending March, 2026.
  - ii. Copy of PAN Card
  - iii. Copy of GST Number.
  - iv. EMD in the form of CDR/FDR pledged in favour of Comptroller, SKUAST-J, Main Campus, Chatha, Jammu. The earnest money shall be forfeited if:
    - a) Any bidder/tenderer withdraws his bid/tender during the period of bid validity or makes any modifications in the terms and conditions of the bid.
    - b) Failure of successful bidder to furnish the required performance security within specified time period after issuance of letter of acceptance.
    - c) Failure of successful bidder to execute the agreement within 07 days from the issuance of allotment of work
  - v. Demand draft towards the cost of tender documents, drawn in favour of Comptroller, SKUAST-J, Main Campus, Chatha, Jammu. Hard copy of the same along with EMD shall be deposited in the Office of Head, Division of Forest Products & Utilization, Faculty of

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Horticulture and Forestry, SKUAST-J, Chatha, SKUAST-J -180009 (J&K U.T.) by or before 30-09-2025 upto 5.30 P.M., failing which the bid will be rejected. The bidders who have applied for e-tender published through AU/FPU/25-26/01 dated 30-07-2025 and Tender ID: 2025\_SKUST\_282804\_1 on <https://jktenders.gov.in> and submitted hard copy in the division need not to submit EMD and tender document fee. However, the bid should be submitted a fresh on e-tender portal.

- vi. Undertaking duly signed in the shape of affidavit that the Contractor/Firm/supplier, if he/she will be the lowest/successful tenderer after opening of the financial bid, he/she has to deposit the Performance Security of 3 % of quoted amount in the form of CDR/FDR pledged in favour of Comptroller, SKUAST-J, Main Campus, Chatha, Jammu
- vii. The Contractors/firms who have got Contractors Card issued from Kashmir Province, it is mandatory for them to upload their Verification Certificate of Crime Branch/issuing authority along with other qualifying documents failing which their tenders will be declared non-responsive.
- viii. Undertaking duly signed in the shape of affidavit that the Contractor/Firm/ supplier has never been debarred or blacklisted by any Govt./Semi Govt. Boards and Corporations and all certificates enclosed by him are correct.
- ix. Detail of experience in the field of establishment of Mist chamber.
- x. Proof of having a registered office in India
- xi. Audited balance sheet of last two years having Annual turnover of not less than INR 10.00 crore/ITR for past two years.
- xii. The contractor/firm has to upload his complete address, Mobile No. and Email address along with the bid.
4. The original instruments/documents in respect of Performance Security and other documents must be produced by the successful bidder/tenderer at the time of allotment in the office of the **Head, Division of Forest Products, Faculty of Horticulture and Forestry, SKUAST-J, Chatha**
5. If the uploaded documents are found fake/fraudulent, disciplinary action as warranted under rules shall be taken against the defaulter.
6. The bid for the work shall remain open for acceptance for a period of 180 days from the date of opening of technical bids. Price escalation will not be allowed.

7. To participate in bidding process:-

- i. The bidders have to get Digital Signature Certificate (DSC) as per Information Technology Act-2000 to participate in online bidding.
- ii. The DSC will be required for digitally signing the bid. The bidders can get above mentioned digital certificate from any approved vendors. The bidders who already possess valid DSC need not to procure new DSC.
- iii. The bidders have to submit their bids online in electronic format with DSC. The bids cannot be uploaded without Digital signature. No proposal will be accepted in physical form.
- iv. Bids will be opened online as per time schedule mentioned above.
- v. Before submission of online bids, bidders must ensure that scanned copies of all the necessary documents have been attached with bid.
- vi. The university will not be responsible for delay in online submission of bids whatsoever reasons may be.
- vii. All the required information for bid must be filled and submitted online.
- viii. The details of cost of documents, EMD specified in the tender documents should be the same, as submitted online (scanned copies) otherwise bid will not be accepted



8. The letters/notice etc. duly posted on the given address shall be considered as having been delivered to the contractor.
9. Any other information / clarification can be had from the office of the undersigned on all working days from 9:30 a.m to 5:30 p.m. till 30-09-2025 and email id: [headforestproducts@gmail.com](mailto:headforestproducts@gmail.com). Contact No. 9419795095)

**Note:- Only scanned copies of original Cost of tender document, Undertaking, Registration Card and other documents will be accepted, failing the bid will be rejected.**

**Terms and Conditions:-**

1. The successful bidder shall have to enter into agreement with the University, before the supply order/work order is issued.
2. The bidder will be responsible to fulfil all formalities of the supply himself/herself.
3. Bids must be accompanied with earnest money (EMD) pledged to Comptroller, SKUAST-Jammu.
4. The University will be at liberty to add or alter any terms and conditions while finalizing the supply order/agreement, which will be a binding on the bidder.
5. It shall be exclusive right of Committee to accept or reject any or all offers including lowest offer either wholly or partly without assigning any reason thereof.
6. In case any clause of the terms/condition, as laid down in tender document/ agreement, is affected by *force majeure*, then the decision of Directorate of Research, SKUAST-Jammu will be final.
7. The Hon'ble High Court of J&K at Jammu will have the jurisdiction to settle disputes, if any, in respect of the present Tender.
8. The bidders shall quote prices which shall be inclusive of all taxes, while filling the BOQ Excel Sheet. The breakup of basic rates and taxes shall be shown while quoting the rates.
9. The taxes as admissible/applicable during the process and at the time of procurement shall be levied on the supplier/bidder.
10. The rates quoted by the firm should include warranty of both Mist chamber and solar system for a period of 03 years.
11. The successful Bidder shall have to impart training to staff members being nominated by the Department for proper handling and maintenance of shade houses.
12. Payment shall be released after inspection and recommendation of evaluation committee.
13. The 100% of the contract amount shall be released after the Mist Chamber have been established and satisfactory report about their functioning is received from the Technical/Verification Committee, constituted in this behalf and performance security of 3 % shall be released after one year of successful operation of the Mist Chamber.
14. Income tax on the value of supply under rules shall be deducted at source.
15. The successful Bidder shall have to complete the works within 90 days from the date of issuance of the work order.
16. If the successful bidder/supplier fails to deliver/complete the work of the Mist chamber partially or wholly within the period specified in the contract, the purchaser, without prejudice to other remedies available under the contract, shall deduct from the contract price, as liquidity damages, a sum equivalent to 0.5% every week to a maximum of 10% after which the contract shall be treated as cancelled.
17. The bid should be submitted in the English language only.
18. In case the materials supplied by the supplier/bidder are not found as per specifications mentioned in the tender notice and other certified documents, the same shall be rejected and supplier must lift the supplies at his own risk, responsibility and cost. Further, EMD of such supplier shall be forfeited and the supplier shall be black listed.
19. Annual financial turnover of the bidding firm should be minimum INR Ten (10) Crore and above per year for last 2 years.
20. Civil & Structural drawings should be attached with technical bid.
21. List of 07 Clients should be enclosed for reference, so that the Technical Committee, as constituted can visit the site/s, if necessary.

22. Bidders may inspect the proposed sites before quoting the prices.
23. Bidder's Firm should have experience of at least 10 years for establishment of Mist chamber/ Hi-tech Polyhouse. Documentary evidence of work and proof of successful completion should be enclosed. Bidders should have executed atleast one single work order of establishment of Mist Chamber/ Hi-tech Polyhouse worth Rs.15 lacs or more.

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Head,

Division of Forest Products & Utilization  
and Coordinator,  
HADP-MAP Project  
SKUAST-Jammu

No. AU/FPU/F-57 C/2025-26/137-141

Dated:- 15-09-2025

Copy to:-

1. Director Research, SKUAST-J, Chatha for kind information.
2. Dean, Faculty of Horticulture and Forestry for kind information.
3. Estate Officer, SKUAST-J with the request to upload the tender on website  
<http://jktenders.gov.in>
- ✓ 4. I/C Data Centre, SKUAST-J, Main Campus, Chatha for uploading of tender on the University website
5. SVC for timely publication of e-NIT in two newspaper as per Annexure "II" having wide circulation.

162

### Technical Specifications

**AREA:** 100 Sq Mtr

**TYPE OF STRUCTURE:** Gable OR Hut Shape

**BAY SIZE:** 10 MTR X 2 MTR

**CENTER HEIGHT:** 5 MTR

**GUTTER HEIGHT:** 3 MTR

**COLUMN:** 40 mm x 40 mm (2mm Thick)

**BOTTOM:** 40 mm x 40 mm O.D (2mm Thick)

**ARCS:** 40 mm x 40 mm (2mm Thick)

**PURLINS:** 40 mm O.D (2mm Thick)

**DOOR:** DOUBLE DOOR ENTRY SYSTEM

**POLYCARBONATE SHEET:** 6mm Double wall poly carbonate sheet should be fixed on Top of the structure and on all sides of the structure.

**INSECT NET:** Supply and fix 40 mesh insect net under side curtains with motorized rack and pinion mechanism.

**POLYLOCKS FOR POLY CARBONATE SHEET:** Supply and fix Poly carbonate sheet with Aluminum Fixing profile and Aluminum Angles with screws to install poly carbonate sheet.

**RETRACTABLE MOTOR OPERATED THERMAL NET:** Retractable motor operated Thermal net (50%) system which allow obtaining climate control round the year, shading screen system allows the grower to reduce the heat inside the greenhouse. The screens move on a cable drive system.

**RACK AND PINION SIDE VENTILATION:** Side vents should open and close automatically with rack and pinion system , there should be a provision of manual opening and closing if there is no electricity.

**ENVIRONMENT CONTROLLER:** PLC based Climate Control system which can monitor and control temperature, humidity and light. It maintains chamber climate by optimum controlling of chamber equipment like cooling pad, fan, heater, ventilation, internal and external Screen & light etc.

### Features

- a) Multi-set point programming.
- b) SMS updates over phone.
- c) Data logging is in excel and graphical format.
- d) Computer access from any place using internet.

**AXIAL FAN:** 2 no's of 800mm slow axial fans with GI sheet body and stainless-steel fins with self-opening mechanism shutters with 1.5 hp 3 phase motor.

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**COOLING PAD:** 4" thick cooling pad with 6 ft height inside GI steel frame with internal water distribution system. Total size of cooling pad with frame will be 6ft x 32ft=192 Sq ft

**CIRCULATORY FAN:** 2 no's of air circulatory fans for permanent air flow inside the greenhouse, this air flow promotes the CO<sub>2</sub> absorption, the ventilation, and a right homogenization of the moisture system with the inner air.

**DOUBLE DOOR ENTRY CHAMBER:** Double door type of 2000 mm x 2000 mm x 3000 m size entry room: Size of the door should be 1mtr x 2mtr with door closer Both the doors should be of GI frame fixed with Poly carbonate sheet.

**IRRIGATION & FOGGING SYSTEM:** A Timer based drip irrigation system to water the plants with 30cm drip line, PVC pipes, Screen filters, Ventury, Ball valves and with all fixing accessories inside poly house.

Provide a fogging system with Humidity Sensor to increase the humidity up to 80% by super fine fog/mist four-way nozzles with anti-dip device with water discharge 28 to 32 lph.

**CIVIL WORK:** Construct a foundation base block measuring 2.5 feet in height and 9 inches by 9 inches in plan, using cement-concrete mix at a 1:2:4 ratio; build chamber walls extending 1.0 foot below earth level and rising 1.5 feet above ground, 9 inches wide, with exposed surfaces on both the fan and pad sides plastered in cement-sand mortar at a 1:5 mix; and provide cross-shaped (plus-shaped) footpaths at the center of the chamber, each 80 cm wide and 10 cm thick, also in cement-concrete at 1:2:4 mix and finish the entry chamber's floor area with suitable tiles.

**SOLAR SYSTEM:** 15kva solar panel systems with tubular batteries to operate poly house uninterruptedly if there is no electricity with manual and automatic change over along with that.

All the material used in fabrication of the structure and covering including all accessories should be of quality makes.

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(Head)

Division of Forest Products & Utilization  
& Coordinator, HADP-MAP Project  
SKUAST-Jammu

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