



Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu
Division of Agriculture Extension Education

Notice Inviting e-Tender

e-NIT No: AUJ/HADP/IEA/24-25/01

Dated: 26.07.2024

For and on behalf of the SKUAST-J, tenders are invited by e-tendering mode from the Manufacturers/specialized firms dealing in the field for the works given below:-

Group No.	Name of Work	NIT Amount (Rs in lakhs)	EMD (@2% of NIT Amount) (Rs in lakhs)	Completion period	Class of Contractor	Cost of Tender Document (in Rs.)
1	Construction of 06 No. Hi-Tech Green Houses (Protected Cultivation) with polycarbonate sheet, fan and pad system (480 sqm each) at KVK Jammu, KVK Samba, KVK Kishtwar, KVK Doda, KVK Reasi and KVK Poonch on Turnkey basis under HADP "Innovative Extension approaches for Revitalizing Agriculture in J&K U.T."	140.00	2,80,000/-	06 months	Manufacturers /specialized firms dealing in the field	3000.00

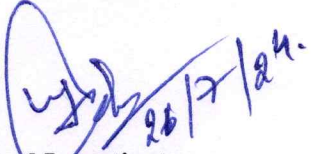
- The Bidding documents/NIT can be downloaded from the website <http://jktenders.gov.in> from 30-07-2024 (9:30 A.M.) to 20-08-2024 (4:00 P.M.). Bid document contain qualifying criteria for bidder, specifications, terms & conditions and other details/requirements.
- The bids shall be deposited in electronic format on the website <http://jktenders.gov.in> from 30-07-2024 to 20-08-2024 (4:00 P.M.). The Technical bids received will be opened on or after 21-08-2024 online. Financial bids of only those bidders will be opened online who are found technically responsive by the evaluation committee.
 - The complete bidding process will be online.
 - The Firms are advised to go through the Technical specifications mentioned in the NIT and quote the rates after visiting the site of work.
- List of original copies of tender documents to be scanned and uploaded with the bid:-
 - Copy of manufacturing unit is to be closed.
 - Copy of PAN Card
 - Copy of GST Number and latest GSTR3B
 - 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:
 - 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.
 - Failure of successful bidder to furnish the required performance security within specified time period after issuance of letter of acceptance.
 - Failure of successful bidder to execute the agreement within 07 days from the issuance of allotment of work
 - 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 the Dr. Vinod Gupta, Principal Investigator, Innovative Extension Approaches for Revitalizing Agriculture in J&K U.T., SKUAST-J, Main Campus, Chatha, Jammu-180009 by or before 20-08-2024 upto 4:00 P.M., failing which the bid will be rejected.**
 - Undertaking duly signed in the shape of affidavit that the Contractor/Firm, 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 (within 7 days failing which the bid will be rejected) in the form of CDR/FDR pledged in favour of Comptroller, SKUAST-J, Main Campus, Chatha, Jammu.

- vii. Undertaking duly signed in the shape of affidavit that the Contractor/Firm has never been debarred or blacklisted by any Govt./Semi Govt. Boards and Corporations and all certificates enclosed by him are correct.
- viii. The contractor/firm has to upload his complete address, Mobile No. and Email address alongwith 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 **Dr. Vinod Gupta, Principal Investigator, Innovative Extension Approaches for Revitalizing Agriculture in J&K U.T., SKUAST-J, Main Campus, Chatha, Jammu-180009**
5. Non-receipt of Performance Security of 3 % from the lowest/successful tenderer shall invite action under Rules which may include forfeiting the EMD of the bidder and blacklisting/debarring him from any further participation in future tendering process in SKUAST-Jammu.
6. If the uploaded documents are found fake/fraudulent, disciplinary action as warranted under rules shall be taken against the defaulter.
7. The bid for the work shall remain open for acceptance for a period of 120 days from the date of opening of technical bids. Price escalation will not be allowed.
8. 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 department 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.
9. The letters/notice etc. duly posted on the given address shall be considered as having been delivered to the firm.
10. 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. (Contact No. 9419139407, email id: innovextnapp@gmail.com).
Note:- Only scanned copies of original Cost of tender document, Undertaking, Registration Copy 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 fulfill 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 Central Purchase Committee, SKUAST-J 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 rate offer must be inclusive of AMC for three years.
11. The successful Bidder shall have to impart training to staff members being nominated by the Department for proper handling and maintenance of Hi-Tech Green Houses.
12. Dean, Faculty of Horticulture and Forestry shall constitute a Technical/Verification Committee for inspection and recommendation of release of payment.
13. The 100% of the contract amount shall be released after the Hi-Tech Green Houses 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 AMC contract period of 3 years.
14. Rates quoted shall be valid for a period of one year.
15. Income tax on the value of supply under rules shall be deducted at source.
16. The successful Bidder shall have to complete the works within 90 days from the date of issuance of the work order.
17. If the successful bidder/supplier fails to deliver/complete the work of the Hi-Tech Green Houses 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.
18. The bid should be submitted in the English language only.
19. 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.
20. Annual financial turnover of the bidding firm should be minimum INR two (02) Crore and above for last 3 years.
21. Structural drawings should be attached with technical bid.
22. List of Clients should be enclosed for reference, so that the Technical Committee, as constituted can visit the site/s, if necessary.
23. Bidders may inspect the proposed sites before quoting the prices.
24. Bidder's Firm should have experience of at least 03 years for establishment of Hi-Tech Green Houses in Temperate/High Altitude Regions. Documentary evidence of work and proof of successful completion of atleast 3 structures amounting not less than 50 lacs should be enclosed.
25. For after sale & service bidder must have office in J&K.
26. Technical bids shall be assessed by a Technical Committee to be constituted by the Government on the basis of:

Detail of experience in the field of Establishment of Green Houses	Details to be given by the bidder.
Proof of having a registered office in India	A certificate from the concerned authority.
Annual turnover /financial soundness	Audited balance sheet of last three years having Annual turnover of not less than 1NR 2.00 crore/ITR for past two years.
Scientific/Technical expertise	A detail to be given by the tenderer.


Principal Investigator
Project No. 20 (HADP)

No. AUJ/HADP/IEA/F-13/23

Dated:- 26-07-2024

Copy to:-

1. Comptroller, SKUAST-J, Main Campus, Chatha
2. I/c Data Centre, SKUAST-J, Main Campus, Chatha for uploading of NIT on the University website
3. Estates officer, with the request to upload the NIT tender on the website <http://jktenders.gov.in>
4. SVC for timely publication of NIT in two local dailies as per **Annexure "A"** having wide circulation.



**Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu
Division of Agriculture Extension Education**

Notice Inviting e-Tender

e-NIT No: AUJ/HADP/IEA/24-25/01

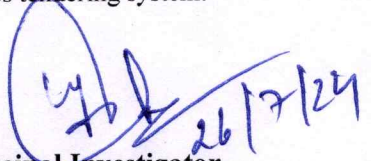
Dated: 26.07.2024

For and on behalf of the SKUAST-J, tenders are invited by e-tendering mode from the Manufacturers/specialized firms dealing in the field for the works given below:-

Group No.	Name of Work	NIT Amount (Rs in lakhs)	EMD (@2% of NIT Amount) (Rs in lakhs)	Completion period	Class of Contractor	Cost of Tender Document (in Rs.)
1	Construction of 06 No. Hi-Tech Green Houses (Protected Cultivation) with polycarbonate sheet, fan and pad system (480 sqm each) at KVK Jammu, KVK Samba, KVK Kishtwar, KVK Doda, KVK Reasi and KVK Poonch on Turn key basis under HADP "Innovative Extension approaches for Revitalizing Agriculture in J&K U.T."	140.00	2,80,000/-	06 months	Manufacturer s/specialized firms dealing in the field	3000.00

Note:- 1. Further details can be seen from the website <http://jktenders.gov.in>

2. Tenders will be uploaded only on <http://jktenders.gov.in> and contractors/firms registered on this website will be able to submit their bid online. The department reserves the right to reject any or all tenders without assigning any reason (s). The tenderer should read terms and conditions instruction carefully before filling the price bids (BOQ). E-tendering without Digital Signature Certificate (DSC) will not be accepted by electronics tendering system.


Principal Investigator
Project No. 20 (HADP)

TECHNICAL SPECIFICATION OF HI-TECH GREENHOUSE

Area	480 Sq.m
Height	20 m x 24 m
Centre Height	5.0 mtr
Side Height	3.5 mtr
Shape	Gothic Shape

Specifications of Hi-tech Green House (Protected Cultivation) with Polycarbonate Sheet, Fan and Pad system. (Estimated Cost 23 Lakhs) (can be modified depending upon the recommendations of Technical committee)			
Area: 480 Sqm			
S.No	Name of the Item	Description	Estimated Cost in Lacs
1	Structure	Galvanized steel is used and assembled without any welding point. Pipe Sections to be used for different Structural Member Pillar: 60mm x 60mm x2mm thickness hot galvanized rectangular tube. Distance between pillars on lateral line: 2.1m Distance between pillars on central line: 4.2m	23.33
2	Arc	48mm x 48mm x 2mm thickness	
3	Trusses tie	32mm tube structural member will be fitted with zinc plated nuts & bolts. Front and back frame is made by 48x48x2mm hot galvanized rectangular tubes.	
4	Gutter	505 mm wide, 1.6mm thick, 26 meter long, galvanized steel plate & Gutter with drainpipe line for water drain.	
5	Bolts and Nuts	Galvanized bolts and nuts and other metallic parts: includes all the elements required for joining and watertight components (such as fittings, clamps, screws and nuts plated against corrosion).	
6	Cladding	Cladding of Rooftop all four side cover with Polycarbonate sheet 8 mm thick triple walled UV stabilized material.	
7	Pre-Ante Room and Doors	Ante Room/ Vestibule: The chamber will have a specific pre-Entry Room of size-4m. X 4m. X 2.4m. (LxWxH), made by 6mm polycarbonate sheet and galvanized tubular frame	
8	Sliding Doors	1.2 m. Wide & 2m. Height single door complete with polycarbonate sheet glazing, top & bottom tracks, Jambs, flashings & Installation hardware (2 Nos.) Sliding door made of extrusion:-Anodized extrusion for make the complete airtight door. 10mm EPDM rubber for long life. Door covering by 8mm triple walled Polycarbonate sheet.	
9	Environmental Control System	Control system which can monitor and control temperature and humidity. It maintains chamber climate by optimum controlling of chamber equipment's like	

		Cooling fan, pump. Fogging etc.
10	Evaporated Cooling System	<p>1.5m height evaporative Cellulose 4" thick CELDEC Cooling pad complete with all necessary framing material of required supporting distribution & returning piping, gutters down spout end caps & drip pan, plumbing kit, pump capacity as per requirement, Drilled PVC Piping cap, pad retainer, all suspension hardware and metal flashings as required for sealing the pad, 4" thick evaporative cooling pad material. Pad frame materials.</p> <p>Customized profile for top and bottom Pre filter made of frame with 40 mesh Insect net. Water distributor profile Pad side frame - anodized extrusion. Cellulose distributor. Cooling Media 100mm thick CELDEC 7090/500 etc. Filtration: 25 to 55mm viscous filter for 30m efficiency Water Storage Tank: Cemented underground tank 1000 ltr. Pump: capacity as per required (ISI mono block approved, equivalent) 40 Mesh Nylon: for extra protection from dust, fitted behind the pad. Slow Speed Axial Flow Fan - 4" single speed belt driven exhaust fan 1hp, 440V, 50 cycles, 3phase (04 Nos.)</p>
11	Heating System	06 Nos. Heat convector with fan and blower of special design 2.4 kw to maintain desired temperature inside the green house during the year.
12	Fogging/Misting system	<p>Nozzles: Hanging type micro misting , water discharge: 28 LPH for fogger, Quantity: as per requirement (2 x 2.5m), Lateral pipe: 16mm LLDPE Black Water Storage Tank: PVC 1000 L. ISI mark, triple layer, Pump: 2.0 HP (01 nos.)</p>
13	Internal Screen	Aluminum thermal screen: specially designed for heat retention inside the chamber Mechanism 50:50 aluminate net supported by polyester wire with high abrasion strength for smooth operation durability.
14	Side Ventilation	Manual gear operated rack and pinion system to operate side window open able up to 1 m. In height (open from up to down) on both sides 40 mesh nylon insect-screen (UV stabilized) to be fixed inside the curtain on sides.
15	Foundation/Civil Work	Foundation wall for chamber 1" below earth's surface. 1" above earth's surface, 9" wide, Frame base block height 3' x 9" x 9" each with plinth protection 2.5' wide "thick only front area.
16	Floor	Natural with ground cover fixed.
17	Drip/Sprinkler	Drip/Sprinkler irrigation system hanging type with 70

	System	lph discharge PVC/HDPE pipes of 6 kg/cm sq. pressure rating of various sizes with fitting, flush valves, filter etc, water tank 1000 ltrs capacity, MBP-1.5 HP.	
Total Cost of Six KVKs			140.00