



Sher-e-Kashmir University of Agricultural Sciences & Technology of Jammu
Dean, Faculty of Agricultural Engineering,
Main Campus, Chatha -180009

Notice Inviting-e-Tender



e-NIT No: AUJ/Dean/FoAE/F-02/24-25/1478-1482

Dated:- 23-01-2025

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

Sr.No.	Name of item/equipment	Amount Rs. in lakhs	Qty.	Specifications	Delivery/instal- lation period	Cost of Tender Document (in Rs.)	Cost of EMD (in lakhs)
Soil & Water Engineering Lab Equipment							
1.	Rainfall-Simulator	7.00	01	Refer annexure-B	21 days	2000.00	0.425
2.	Darcy Law Apparatus	2.25	01				
3.	Demonstration Infiltration Apparatus	1.50	01				
4.	Sediment Transport Demonstration Apparatus	3.50	01				
5.	Digital water analysis kit	0.40	01				
6.	Time Domain Reflectometer (Digital Soil Moisture, Temperature & Conductivity Meter)	1.50	01				
7.	Frequency Domain Reflectometer (Digital Soil Moisture Meter)	1.20	01				
8.	Depth Integrating Suspended Sediment Sampler	0.50	01				
9.	Tensiometer (Digital Soil Tensiometer System)	1.20	01				
10.	Coshocton wheel (30 cm)	0.40	01				
11.	H Flume (30 cm)	0.30	01				
12.	Submersible Pump, Cut Sectional Model	0.35	01				
13.	Reciprocating Pump, Cut Sectional Model	0.35	01				
14.	Centrifugal Pump, Cut Sectional Model	0.30	01				
15.	Model for drop inlet spillway	0.30	01				
16.	Model for chute spillway	0.20	01				
	Total	21.25					

- The Bidding documents/NIT can be downloaded from the website <http://jktenders.gov.in> from 23-01-2025 (9:30A.M.) to 13-02-2025 (4:00 P.M.). Bid document contain qualifying criteria for bidder, specifications, terms & conditions and other details/requirements.
- a) The bids shall be deposited in electronic format on the website <http://jktenders.gov.in> from 23-01-2025 (9:30A.M.) to 13-02-2025 (4:00P.M.). The Technical bids received will be opened on or after 13-02-2025 online. Financial bids of only those bidders will be opened online who are found technically responsive by the evaluation committee.

- b) The complete bidding process will be online.
- c) The firms/bidders are advised to go through the technical specifications mentioned in the N (Annexure-and quote the rates accordingly).
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 2024-25 valid upto ending March, 2025.
 - ii. Copy of PAN Card
 - iii. Copy of GST Number.
 - iv. **Demand draft** towards the cost of tender documents of Rs. 1000/- and EMD cost of Rs. 11000/- ,drawn in favour of **Dean, Faculty of Agricultural Engineering , SKUAST-J, Main Campus, Chatha, Jammu. Hard copy of the same i.e. tender document and EMD shall be deposited in the Office of the Dean, Faculty of Agricultural Engineering, Block No. 07 (GF) SKUAST-J, Main Campus, Chatha, Jammu PIN-180009 (J&K U.T.) by post/hand/courier or before 13-02-2025 up to 4:00 P.M., failing which the bid will be rejected.**
 - v. Undertaking of not being blacklisted by any Govt. Agency/ department
4. Any other information/ clarification can be had from the office of the undersigned on all working days from 9:30 a.m to 5:00 p.m. and email id: deanfoae@skuastj.org

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 bidder will be responsible to fulfil all formalities of the supply himself/herself.
2. It shall be exclusive right of SKUAST-J to accept or reject any or all offers including lowest offer either wholly or partly without assigning any reason thereof.
3. In case any clause of the terms/condition, as laid down in tender document/ agreement, is affected by *force majeure*, then the decision of SKUAST-Jammu will be final.
4. 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.
5. The bidders shall quote prices which shall be inclusive of all taxes for FOR, SKUAST-Jammu, Chatha. The breakup of basic rates and taxes shall be shown while quoting the rates.
6. The taxes as admissible/applicable during the process and at the time of procurement shall be levied on the supplier/bidder.
7. Income tax on the value of supply under rules shall be deducted at source.
8. The bidder must have GST Registration Certificate, PAN Number, Registration Certificate as well as Income Tax Certificate.
9. Annual Turnover Statement: Bidders must provide their annual turnover statement for the past three years.
10. Experience Criteria: Bidders must have at least three years of experience and expertise for supplying similar equipment in Government/PSU/autonomous organizations.
11. Non-Conditional Bids: Conditional bids will be liable to be rejected.
12. Undertaking: Undertaking of not being blacklisted by any Govt. Agency/ department
13. Local Service Centre or Service Team: Bidders or OEMs (Original Equipment Manufacturers) must have a local service center or commitment to provide service for after-sales support.
14. The university has a right to withdraw the bid at any stage.

15. Payment shall be released after successful installation and demonstration of the equipment at the site and verification by the committee constituted for the purpose.


23/1/25

Dean

Faculty of Agricultural Engineering
SKUAST-Jammu

No: AUJ/Dean/FoAE/F-02/24-25/1478-1482

Dated:- 23 -01-2025

Copy to:-

1. Director Research, SKUAST-J, Chatha. This is in reference to his office letter No. AUJ/DR/HADP-17/4965 dated 14.08.2024
2. Comptroller, SKUAST-J, Main Campus, Chatha
3. Estates Officer, SKUAST-Jammu with request to upload on <http://jktenders.gov.in>
4. I/C Data Centre, SKUAST-J, Main Campus, Chatha for uploading of NIT on the University website
3. SVC for timely publication of NIT in two local dailies as per Annexure "A" for wide circulation.

Specifications of the equipment

S. No.	Name of the equipment	Quantity	Specifications
A.	Equipment for Soil and water conservation engineering laboratory		
1	Rainfall-Simulator	01	<ul style="list-style-type: none"> • Closed water circuit unit • Surface are: 2x1 m² • Tilting: Variable adjusted range with screw jack tilting system • Nozzles at variable heights • Field test setup with variable slope • Equipped with flow meter • Complete lab setup with pump sump tank and permeable media
2	Darcy Law Apparatus	01	<ul style="list-style-type: none"> • Test Section: Material Stainless Steel • Water circulation: 0.5 hp pump standard make • Flow measurement: using Measuring Tank (capacity 25 litres) • Sump tank: Capacity 50 litres • Stopwatch: Electronic • Pressure measurement: Differential pressure manometer • Control Panel • Complete lab set up
3	Demonstration Infiltration Apparatus	01	<ul style="list-style-type: none"> • Three graduated cylinders resting on permeable support screen • Complete apparatus supported by metal stand • User instruction manual
4	Sediment Transport Demonstration Apparatus	01	<ul style="list-style-type: none"> • Inclined channel with acrylic sheet • Channel mounted on MS frame • Pump along with sump tank • Complete demonstration unit
5	Digital water analysis kit	01	<ul style="list-style-type: none"> • pH Range: 0 to 14 pH • Temperature: 0-100°C • Resolution: 0.01pH • Accuracy: $\pm 0.01\text{pH} \pm 1$ digit • Conductivity: Range: 0-20 ms • Resolution: 0.1 μmhos

			<ul style="list-style-type: none"> • Accuracy: $\pm 0.5\%$ FS ± 1 digit • TDS range: 0-20 ppt • Essential accessories
6	Time Domain Reflectometer (Digital Soil Moisture, Temperature & Conductivity Meter)	01	<ul style="list-style-type: none"> • 3 – element 10 cm stainless steel waveguide • 34 mm round cross section with glue on protrusion for matching 1" schedule 40 PVC pipe • 5 m 3-conductor water proof cable • Waterproof epoxy filled housing • Rechargeable lithium battery with power adopter • Display data on the LCD screen • Volumetric water content: 0% to 100% • Electrical Conductivity Range : 0 to 5000 $\mu\text{S}/\text{cm}$ • Working temperature: 0-50 $^{\circ}\text{C}$ • Accuracy : $\pm 2\%$ • Other essential accessories
7	Frequency Domain Reflectometer (Digital Soil Moisture Meter)	01	<ul style="list-style-type: none"> • Soil Moisture Range: 0 to 100% • Probe Depth measurements: 70-80 cm • Measurement method: FDR • Working temperature: 0-40 $^{\circ}\text{C}$ • Accuracy : $\pm 2\%$ • Resolution: 1% • Digital Datalogger • Digital Display • Other essential accessories
8	Depth Integrating Suspended Sediment Sampler	01	<ul style="list-style-type: none"> • Used in shallow streams • Used with wading rod suspension
9	Tensiometer (Digital Soil Tensiometer System)	01	<ul style="list-style-type: none"> • Tensiometer Tubes: sizes like 15, 30, 45, 60 & 75cms • Electronic Gauge for reading moisture tension in LCD display • Measuring range : 0-100 Kpa • Portable & battery operated • Screw type Soil Auger 1 m long with T handle • Accessories: Stoppers, Needles & Tags etc.
10	Coshocton wheel (30 cm)	01	<ul style="list-style-type: none"> • Material: mild steel (M.S)





			<ul style="list-style-type: none"> • Thickness: 2 to 6 mm • Diameter 40-80 cm • No. of Vanes :6-8
11	H Flume (30 cm)	01	<ul style="list-style-type: none"> • Shape : V shape • Size: 30cm • Features of both flumes and weirs • Cast iron or mild steel • Bottom flat
12	Submersible Pump, Cut Sectional Model	01	<ul style="list-style-type: none"> • 1 HP, 25 mm x 25 mm • Stage : Single stage • Motor phase: Single • Material: Cast iron • The equipment consist of real life pump sectioned to expose the internal working parts • Pump should be mounted on MS frame • The equipment consist of real life pump sectioned to expose the internal working parts
13	Reciprocating Pump, Cut Sectional Model	01	<ul style="list-style-type: none"> • Plunger type • Single cylinder • Size of the pump: 1.5" x 1" • Motor : 0.5 to 1 HP • Pump should be mounted on MS frame • The equipment consist of real life pump sectioned to expose the internal working parts
14	Centrifugal Pump, Cut Sectional Model	01	<ul style="list-style-type: none"> • 5 hp • Single stage • Material: cast iron • Gland seal • Pump should be mounted on MS frame • The equipment consist of real life pump sectioned to expose the internal working parts
15	Model for drop inlet spillway	01	<ul style="list-style-type: none"> • Cast Iron/MS steel • Complete demonstration unit
16	Model for chute spillway	01	<ul style="list-style-type: none"> • Cast Iron/MS steel • Complete demonstration unit



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Dean, Faculty of Agricultural Engineering, Main Campus, Chatha -180009

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e-NIT No: AUJ/Dean/FoAE/F-02/24-25/1495

Dated:- 23-01-2025

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

Sr.No.	Description	Qty.	EMD (Rs in lakhs)	Type of Bidder	Cost of Tender Document (in Rs.)	e-tender No.
1.	Soil & Water Engineering Lab Equipment	16	0.425	Authorized registered/ specialized firms dealing in the field	2000	AUJ/DeanFoAE/24- 25/F-02/1478-1482 dated 23.01.2025
2.	Processing & Food Engineering Lab Equipment	14	0.425		2000	Vide e-tender No. AUJ/DeanFoAE/24- 25/F-02/1483-1487 dated 23.01.2025
3.	Basic Engineering & Sciences Lab Equipment	07	0.255		2000	Vide e-tender No. AUJ/DeanFoAE/24- 25/F-02/1488-1492 dated 23.01.2025

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

2. Tenders will be uploaded only on <http://jktenders.gov.in> and contractors 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.

Dean

Faculty of Agricultural Engineering
SKUAST-Jammu