



Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu (J&K)- 180009

Notice Inviting e-tender

On behalf of SKUAST-Jammu, tenders are hereby invited through e-tendering mode from the manufacturers, reputed and authorized distributors/ dealers/suppliers for purchase of Lab. Equipment as per specifications given in Annexure-I

Item No.	Name of the item with brief description	Qty.	Earnest Money Deposit (CDR/FDR)	Cost of Tender Document (in Rs.)
1.	ICP – OES (Inductively Coupled Plasma-Optical Emission spectroscopy) Specifications at Annexure I	01	Rs 1,50,000/-	Rs 1000/-

1. The Bidding documents/NIT can be downloaded from the website <http://jktenders.gov.in> from 06-02-2025 (09:00 AM) to 19-02-2025 Up to 5:00 P.M. Bid document contain qualifying criteria for bidder, specifications, bill of quantities, conditions and other details.
2. The bids shall be deposited in electronic format on the website <http://jktenders.gov.in> from 06-02-2025 (10:00 AM) to 19-02-2025 Up to 5:00 P.M. The technical bids received will be opened on or after 20-02-2025 at 11:00 A.M. online. Financial bids of only those bidders will be opened online who are found technically responsive by the evaluation committee.

Pre-eligibility/Technical Conditions:

Pre-eligibility/Technical bid which should contain the following documents:

- i. Copy of GST certificate.
- ii. Copy of PAN/TIN Card of the firm/ Authorized Dealer.
- iii. Undertaking of not being blacklisted by any Govt. Agency/ department.
- iv. User list with at least 10 users in India (Central / State Govt Organization / PSU including government funded universities) of the offered model or similar model from the same OEM must be furnished with Contact name & address with mobile no./email.
- v. Certificate for successful completion of similar nature of work at any other organization.
- vi. Bank Details on letter head along with cancelled cheque.
- vii. Offers should be accompanied by a DD of Rs.1000/- (non-refundable) in favour of "**Comptroller, SKUAST-Jammu**" payable at Jammu towards the Tender fee.
- viii. EMD in the shape of CDR/FDR payable to Comptroller, SKUAST-Jammu.
- ix. Minimum Average Annual Turnover of the bidder (For 3 Years): **Rs. 30 Lakh (s)**
- x. OEM Average Turnover (Last 3 Years): **Rs. 300 lakhs**
- xi. OEM Authorization OEM authorization to be provided.
- xii. Years of Past Experience Required for same/similar service: **3 Year (s)**

Terms & Conditions

1. No tender without earnest money in the shape of CDR/FDR shall be entertained. The CDR/FDR of tenderers shall be released within one month after the purchase process is finalized.
2. Conditional tenders shall be rejected out rightly.
3. Technical and Financial Bids should be in separate sealed envelopes.
4. The envelop in which tender is submitted must be superscribed as “**Procurement of ICP - OES**)”.
5. The specifications of the Laboratory Equipment should conform to the highest standards.
6. Tenderers must state categorically whether or not their offer is exact to tendered specifications and indicate deviations, if any, failing which their offer will be ignored.
7. Tenderers shall enumerate the operational experience in similar environment of the equipment offered along with the names, addresses and other references of user’s installations.
8. The competent authority i.e., SKUAST-Jammu reserves the right to revise or alter the specifications of the equipment before the acceptance of the tender.
9. Late, delayed and incomplete tenders and amendments and additions to the tender after opening of the same will not be accepted.
10. The tenderers should include in their tender, provision for tools and initial stock of maintenance spares as are essential for proper operation and maintenance of the equipment.
11. The successful tenderer shall be responsible for installation of the equipment at destination sites and for making it fully operational. Scope of Supply includes Installation, Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any); The equipment should be complete in all respects/components that are required for it to function.
12. The tenderers must provide complete details of needs of the equipment which SKUAST-J should arrange before the arrival of the equipment in SKUAST-J to ensure its early installation and smooth operation thereafter.
13. The tenderer shall be fully responsible for the manufacture’s warranty in respect of proper design, quality and workmanship of the equipment (s) accessories etc. covered by the tender for the warranty period from the date of satisfactory installation/commissioning of the system.
14. The apparatus is to be installed at SKUAST Jammu, Chatha premises.
15. The tenderer should enclose a certificate with the tender stating that
 - i) The equipment is of the latest technology.
 - ii) The equipment shall be promptly and properly serviced by them whenever desired and such service will remain available to SKUAST-J for at least 05 years from the date of its installation.
 - iii) IQ, OQ and PQ/Quality certification
 - iv) Certificate of origin
16. Prices quoted by the bidder should be inclusive of transit insurance, freight, installation and commissioning at destination sites. Discount, if any, should be shown separately. Additional charges on account of Excise Duty, GST, VAT, Entry Tax or any other charge / levy must be included in the quote.
17. The offer should be valid for a period of 180 days from the specified date of opening of the tenders.



18. Payment will be released only after satisfactory installation and commissioning of the equipment. Performance Bank Guarantee will be at 5%; and valid up to 2 months after the warranty period.
19. The company must offer the model fulfilling the above specifications. Technical documentation of the offered model should be enclosed. Make and model to be clearly indicated. The offered product and its technical documentation must be available on the Manufacturer's / its Authorized dealer's website.
20. Proof of supplying same equipment supplied to government research institutes with in India.
21. The Tenders must reach in the office of Prof. Vikas Sharma, Division of Soil Science & Agricultural Chemistry the, FoA, **SKUAST-Jammu, Main Campus, Chatha, Jammu-180009 (UT of J&K)** not later than the specified time as stipulated in the NIT, if the date on which the tenders are to be received/opened is declared as a public holiday, the tenders shall be received and opened on the next working day.
22. The tenderers and their authorized representatives are at liberty to be present at the time of opening of the tenders.
23. The competent authority of SKUAST-J does not bind itself/himself to accept the lowest or any tender & reserve the right of accepting the whole or any part of the tender or portion of the quantity offered and the bidders shall supply the same at the rate quoted.
24. The equipment to be supplied shall not pass to the SKUAST-J unless and until the equipment has been delivered, installed / commissioned and accepted, in accordance with the conditions of the contract and to the entire satisfaction of the concerned authorities of SKUAST-J.
25. The University shall not be responsible for any theft or loss sustained by the tenderer during the period of commissioning/installation. In the event of injury or mishap or illness to any of his worker, the University will not be responsible for any compensation.
26. The tenderer shall be fully responsible for any damage to the University property/ furniture, if any provided to them by the University.
27. **IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller/distributor of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
28. All questions, disputes, or difference arising under and out of, in connection with the contract shall be subject to the Courts at Jammu (J&K).



Head/PI, HADP 19

Division of Soil Science & Agricultural Chemistry

No: AUJ/SS/HADP.19/24-25/277-281

Date: 4/2/25

Copy to:

- Director Research, SKUAST-J, Chatha for kind information.
- Dean, Faculty of Agriculture SKUAST-J, Chatha for kind information.
- Estates Officer, SKUAST-J, Chatha with request to upload the tender on the website www.jktenders.gov.in
- SVC for timely Publishing of e-NIT in two newspapers for wide publicity.
- Incharge, Data Centre, SKUAST-Jammu for uploading on University Website



TECHNICAL SPECIFICATION

ICP – OES (Inductively Coupled Plasma-Optical Emission spectroscopy)

SNo	Tender Specifications - ICP – OES
1.	ICP-OES Instrument must be bench top, Dual view with Polychromator.
2.	Detector CID or CCD or SCD detector or suitable detector to cover entire analytical wavelength range in one-step with polychromator. Polychromator with Detector Read/integration time ≤ 1 sec or better
3.	Wavelength Range 167-770 nm or suitable range to cover all elements. Minimum Integration Time/readout time 1s or better; focal length 250 mm or more.
4.	Spectral Bandpass /resolution : less than 9 pm @ 200/202 nm or better. Radial height view adjustment 18mm or more.
5.	Should have software-controlled RF generator with frequency of 27 MHz or more . The RF generator must have at least a power output of 1000 to 1500 watts, variable with 50 W increment or lower.
6.	4 Channel Peristaltic pump with 70 or more RPM.
7.	Three or more variable Mass Flow controller /Computer-controlled variable EFC /Variable solenoid valve setup to regulate the flow automatically plasma , Auxiliary & nebulizer Gas along with 1 L/min or lower increment step.
8.	<ul style="list-style-type: none"> ➤ Exhaust hood with suitable extension for ICP-OES, Four (04) Argon cylinders with manifold , Regulators, Gas panel and four stage Argon gas manual manifold.02 Nos Nitrogen Cylinder -In case required by System ➤ OEM chiller for instrument ➤ Hydride generating accessories with separate & dedicated spray chamber & tubing set should be offered for As & Hg. System must have 04 channel peristaltic pump. ➤ Multi-element Aqueous Standards 1000 ppm (21-23 Elements)- 200 ml . Single element standards Hg, P, S & As standards -100ml each. Tuning solution 100 ppm , 500 ml ➤ Aqueous internal standards -100ml ➤ Noise & oil free Scroll Air compressor (If required by System) ➤ Additional Consumables: Tubing Pk/12 -02 Set each of (Sample & Drain) ,Torch -01,Nebulizer & spray Chamber-01 set each, Hydride Tuning Set Pk/12 (sample & reductant). ➤ Auto-sampler (with 120 vessel/vial capacity or more along-with 5000 Vessels/vials) ➤ 20 KVA online UPS; 60 minutes backup; 5 year warranty including batteries
9.	Compatible branded PC and printer should be included
10.	Warranty: Five years


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