



Prof. Umed Singh  
DEAN

**COLLEGE OF AGRICULTURE, FATEHPUR-SHEKHAWATI  
SIKAR-332301, RAJASTHAN**

(Sri Karan Narendra Agriculture University, Jobner)

कृषि महाविद्यालय, फतेहपुर-शेखावाटी, सीकर - 332301, राजस्थान

(श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय, जोबनेर)

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No. F.(03)/Accounts/COA/FTR/2025//425

Dated: 12/03/2025

**LIMITED TENDER**

Sealed tenders are invited for **Supply of Lab Items** at College of Agriculture, Fatehpur-Shekhawati, Distt. - Sikar (Rajasthan). Tender formats can be downloaded from State Public Procurement Portal website [www.sppp.rajasthan.gov.in](http://www.sppp.rajasthan.gov.in) or university web site [www.sknau.ac.in](http://www.sknau.ac.in) or are available at our office. The estimated cost of the tender is 1,96,800/- (Rupees One Lakh Ninety Six Thousand Eight Hundred Only). Tender forms should be submitted up to 11:00 AM on 17.03.2025. The tender will be opened on the same day at 2.00 P.M. before the Sale Purchase Committee of the station in the presence of any intending tenderer or their authorized representative, who may be present. Detailed information regarding above mentioned tender is available at our office and website [www.sknau.ac.in](http://www.sknau.ac.in) or [www.sppp.rajasthan.gov.in](http://www.sppp.rajasthan.gov.in). The undersigned reserves the right to reject the tender without assigning any reason thereof.

  
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**Copy to the following for information and further needful:**

1. The Comptroller, SKNAU, Jobner.
2. Convener/Members/Accounts Section/DDO, COA, Fatehpur.
3. All Notice Boards of College/ARS/KVK, Fatehpur-Shekhawati.
4. O/I CIMCA, SKNAU, Jobner for uploading on university website [www.sknau.ac.in](http://www.sknau.ac.in).
5. Guard File.

  
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**LIMITED TENDER - TECHNICAL BID**

Limited tenders for **Supply of Lab Items** are invited in sealed envelopes as per following terms and conditions:

1. The rates should be quoted F.O.R. to College of Agriculture, Fatehpur otherwise cost of packing, forwarding, freight, installation etc. be given. **No extra amount will be paid other than quoted amount in bid.**
2. Technical bid and financial bid must be filled, signed and sealed in two separate envelopes and put both the sealed envelopes into the one main envelope.
3. The tender must reach to this office on or before 17.03.2025 up to 11:00 AM.
4. All taxes and excise duty if any to be charged extra should be mentioned clearly.
5. The undersigned reserves the right to reject the tender without assigning any reason thereof.
6. Tender for **Supply of Lab Items** should be mentioned on the top of main sealed envelope addressing **Dean, College of Agriculture, Fatehpur-Shekhawati, Sikar (Rajasthan) - 332301.**
7. The prices should be typed or written clearly in ink against each items. Cutting should be avoided as erroneous and overwriting are not permissible.
8. The specification as per **Annexure-I** should be fulfilled for **Supply of Lab Items.**
9. The terms and conditions should be read carefully and each page of the tender should be signed and sealed properly.
10. The billing for these items should be made in favour of **"Dean, College of Agriculture, Fatehpur-Shekhawati"**.
11. The tender form should be filled as per given terms and conditions.
12. Self-attested copies of Brochure of the Model, Address proof, PAN Card, GST Registration, Firm Registration and other essential certificates as required must be attached while submitting the tender.
13. Bids should be duly signed on all pages and serially numbered, properly bound.
14. Tender documents can be collected from office on all working days upto 17.03.2025 or can be downloaded from websites.
15. Please read and understand the terms and condition carefully. Also you are requested to visit the institute during the working hours to get clear idea about the work.
16. The technical bid shall be opened first and only the eligible bidders selected by the committee shall be considered in the financial bid which shall be opened on the 17.03.2025 at 2.00 P.M. before the Sale Purchase Committee. The committee may decide to visit any or all sites as given by the bidder.

### Special Terms & Conditions

1. Brand should be registered in India. Attach documents for this purpose issued by Govt. of India.
2. The bidder shall quote only one specific make and model from only specific OEM. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item names and codes and such names or codes must be visible on printed literature describing specificity and functionality. Any deviation from the tender specifications must be clearly mentioned in the offer document by the bidder.
3. The OEM for all active components should give a declaration that products or technologies quoted are neither end-of-sale nor end-of life as on the date of installation and commissioning and are not-of support till the warranty period.
4. If the bidder is non-manufacturer, he/she shall provide service from OEM at his own cost.
5. Testing/Installation - The vendor is advised to visit the site to understand real measurements and physical entities and requirements. The successful bidder shall be required to depute a professional person to install the items as per site given directions to full satisfaction.
6. Lowest price quoted will not qualify for selection of tender but quality and desired standards will also be considered.
7. Attach all documentary proof of credentials which are pledged by the bidder in this tender.
8. The installations shall be carried out at College of Agriculture, Fatehpur Shekhawati, Sikar (Raj.) and all types of technical and support services should be available within 24-48 business hours as and when as required.
9. All items shall be supplied with warranty as per stipulated terms and conditions of tender.
10. Bidder can apply separately for all or any one of the annexed.
11. The manufacturer should guarantee the product for minimum one year and be capable to provide after sale support for the product.
12. The manufacturer/brand should have satisfactory experience for their product for minimum 2 year work.
13. Liquidated Damages: If the bidder fails to deliver any or all of the Goods/Services within the stipulated delivery period(s) specified in the contract, the buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever.

  
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I agree to all the terms and conditions cited above in the tender and I will provide the required goods/services with the specifications mentioned in the tender as per Annexure-I.

Signature of the contractor with seal & full Address  
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**SPECIFICATIONS**

Sr. No.	Name of Item	Specifications
1	Water Softner	<ul style="list-style-type: none"> <li>• 150 Liter Water Softener</li> <li>• Fully automatic microprocessor-controlling operation</li> <li>• Display - current time, remaining soft water &amp; current flow</li> <li>• Brine tank with Brine valve, Brine well and perforated disk</li> <li>• Available in 1.5" Inlet-Outlet size.</li> <li>• Max. Flow Rate: 3500 LPH</li> <li>• OBSA (Basis on 200 ppm): 156250 Ltr</li> <li>• OBR (Basis on 200 ppm): 31250 Ltr</li> <li>• Resin Tank Volume: 145 Ltr</li> <li>• Resin Quantity: 125 Ltr</li> <li>• Salt Tank Volume: 200 Ltr</li> <li>• Salt Required/Regeneration: 19 kg</li> <li>• Salt qty (OBSA)/No's of Regeneration: 94 kg /5</li> <li>• Working Pressure: 0.15 - 0.6 MPA</li> <li>• Inlet-Outlet Size: 1"</li> </ul>
2	Compound Trinocular Microscope	<ul style="list-style-type: none"> <li>• Flat structure of body and base for stability</li> <li>• Fitted with quadruple revolving nosepiece</li> <li>• Stage size: Minimum 140 x 120 mm</li> <li>• Low co-axial controls for easy slide manipulation on both axes, with graduation and verniers</li> <li>• Range of movement: 80 x 50 mm</li> <li>• Condenser unit: Having rack and pinion movement with Abbe condenser</li> <li>• Iris-diaphragm and filter holder</li> <li>• Halogen lamp: 6V 20W with minimum average life 2000 hrs</li> <li>• Built-in transformer: Controlled by variable solid state electronic knob</li> <li>• Heads inclined at 45° and rotatable through 360°</li> <li>• Ach. objective: 4X, 10X, 40X and 100X oil immersion</li> <li>• Eye-pieces: 10X (paired high eye point with eye guards)</li> </ul>
3	Fruit penetrometer	<ul style="list-style-type: none"> <li>• Fruit penetrometer hardness tester</li> <li>• Applications: Measure the hardness of both hard and soft fruits</li> <li>• Dual display: The pointer points to two units at the same time i.e. kg/cm<sup>2</sup> and pa</li> <li>• Two pressure head: 11.1 mm and 7.9 mm diameter tips for hardness testing range</li> <li>• Fruit hardness tester could measure apple, pear, watermelon, banana and other fruit hardness tester</li> </ul>



4	Fruit Pulper machine	<ul style="list-style-type: none"> <li>• Stages: Single</li> <li>• Automation Grade: Semi-Automatic</li> <li>• Voltage: 220 V</li> <li>• Electricity Phase: Single Phase</li> <li>• Motor: Minimum 0.25 HP</li> <li>• Material: Mild Steel</li> </ul>
5	Juice extractor	<ul style="list-style-type: none"> <li>• Ideal for orange, pineapple, grapes, sweet lime, water melon, pomegranate, palak, tomato etc.</li> <li>• Make: Stainless steel</li> <li>• Weight: Minimum 4 kg</li> <li>• Dimensions: Minimum 30 × 30 × 30 cm</li> <li>• Power: Minimum 0.25 HP</li> <li>• Capacity: 100-200 kg/hour</li> </ul>
6	Crown corking machine	<ul style="list-style-type: none"> <li>• Crown/glass bottle capping machine</li> <li>• Weight (Approx.): 10 kg</li> <li>• Material: Mild steel</li> <li>• Finish: Paint coated</li> <li>• Height: Approx. 330 mm</li> <li>• Cap: Crown caps</li> <li>• Automation grade: Manual</li> <li>• Hand-operated high-quality crimped tool</li> <li>• Easy to operate with minimum effort and low maintenance</li> <li>• Multi-purpose use and portable due to lightweight</li> <li>• Adjustable sealing pressure</li> <li>• No electricity or air supply needed</li> <li>• Flexibility in accommodating various kinds of bottle types</li> </ul>
7	Spectrophotometer	<ul style="list-style-type: none"> <li>• Optical System: Single Beam, Grating 1200 lines/mm</li> <li>• Wavelength Range: 325-1000nm</li> <li>• Spectral Bandwidth: 4nm</li> <li>• Wavelength Accuracy: 2nm</li> <li>• Wavelength Repeatability: 1nm</li> <li>• Photometric Accuracy: 0.5%T</li> <li>• Photometric Repeatability: 0.3%T</li> <li>• Photometric Range: -0.3-3A,0-200%T</li> <li>• Photometric Mode: T.A.C.F</li> <li>• Stray Light: 0.3%T</li> <li>• Stability: 0.002A/h</li> <li>• Display: LCD</li> <li>• Detector: Silicon Photodiode</li> <li>• Output: USB Port &amp; Parallel Port (Printer)</li> <li>• Light Source: Tungsten Halogen Lamp</li> <li>• Power Supply: AC 220V/50Hz</li> <li>• Dimension (LxWxH): 420x280x180mm approx.</li> <li>• With suitable cuvettes rectangular shape</li> </ul>



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**LIMITED TENDER - FINANCIAL BID**

1. Name of Work: **Supply of Lab Items**
2. Estimated Cost: Rs. 1,96,800/-
3. Budget: State Plan (Non-Recurring)
4. Last date and time for submission of tender: 17.03.2025 at 11:00 AM
5. Date and time for opening of tender: 17.03.2025 at 02:00 PM

Sr. No.	Items as specification mentioned in Annexure-I	Estimated Cost/Unit (in Rs.)	Qty.	Total rate quoted including GST and all other expenses (in Rs.)
1	Water Softner	80,000	01	
2	Compound Trinocular Microscope	30,000	01	
3	Fruit penetrometer	14,000	02	
4	Fruit Pulper machine	12,000	01	
5	Juice extractor	9,500	01	
6	Crown corking machine	6,150	02	
7	Spectrophotometer	25,000	01	
<b>Total</b>				

We have read and agree to all terms and conditions of the tender.

Signature of the Proprietor or Authorized Representative

Name of the Signatory: \_\_\_\_\_