

# JUNAGADH AGRICULTURAL UNIVERSITY



## TENDER DOCUMENT FOR THE PURCHASE OF SCIENTIFIC EQUIPMENTS DURING THE YEAR 2025-26 BY

**Research Scientist (Agril. Engg.)**  
**Research, Testing and Training Centre, Junagadh Agricultural University**  
**Junagadh- 362 001 (Gujarat)**  
**Telephone No. 0285 2671018**  
**Fax No. 0285 2671018**

| <b>Bid reference :</b>                                                                                                                                                                                     |   |                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Period for downloading and online submission of tender documents                                                                                                                                           | : | Dt.:16-10-2025 to 06-11-2025                                                                                                                                                                      |
| Physical submission of Tender Fee, EMD, other relevant documents as per check list of the tender as well as company printed literature/ catalogue and other necessary documents by RPAD/Courier/Speed Post | : | Up to 10-11-2025 before 18:00 hrs.<br>In the office of the Research Scientist (Agril. Engg.), Research, Testing and Training Centre, Junagadh Agricultural University, Junagadh 362 001, Gujarat. |
| Probable date for opening of primary Bid and verifying physically submitted documents                                                                                                                      | : | Dt.: 11-11-2025, (After 10.00 hrs.)                                                                                                                                                               |
| Probable date for opening of commercial bid                                                                                                                                                                | : | Dt.: 14-11-2025 (After 15.00 hrs.)                                                                                                                                                                |

*Tender fee Rs.1500/- in form of DD in favor of "Junagadh Agricultural University Fund A/c", payable at Junagadh, non refundable for entire tender*

*EMD for an amount of minimum 3% of the cost of quoted tender amount have to be paid (Refundable) in favour of "Junagadh Agricultural University Fund A/c" payable at Junagadh.*

**Note:** The scanned copy of the demand draft of the Tender Fee and EMD and other relevant documents as per check list of the tender are required to be submitted online with the commercial bid on [www.tender.nprocure.com](http://www.tender.nprocure.com). It is compulsory to submit the original / attested Xerox copy of all the documents (except commercial bid), i.e. company Printed Literature / Catalogue and other necessary documents physically in hard copy by RPAD / Courier / Speed Post to the undersigned on or **before 10-11-2025, 18:00 hrs.** Please note that scan copy of documents uploaded online must tally with the physical submission of original / attested Xerox copy. The bidder will be entitled for immediate disqualification, if fails to submit the physical documents within time limit. Now onwards, any changes regarding this, will be put on the [www.jau.in](http://www.jau.in) only.

This tender consist of following **four parts**

- Envelop-1: Tender Fees and EMD (Details inside this document)
- Envelop-2: Company detail & Tender Supporting Documents.
- Envelop-3: Includes documents consisting authority letter, ISO/ISI/CE certification, compliance statement related to tender specifications, Product literature, Country of origin of equipment, colour catalog, list of installation, etc.  
**Special Note:** Enclose separate envelop no-3 for each equipment quoted.
- List of equipments with specification to be purchased has to be packed in envelop-3.



**ENVELOP-1**

**Tender Doc.  
Equipments EMD & TENDER Fee**

**To,** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**FROM:**

**ENVELOP-2**

**Tender Doc.  
COMPANY DETAILS & TENDER SUPPORTING DOCUMENTS**

**To,** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

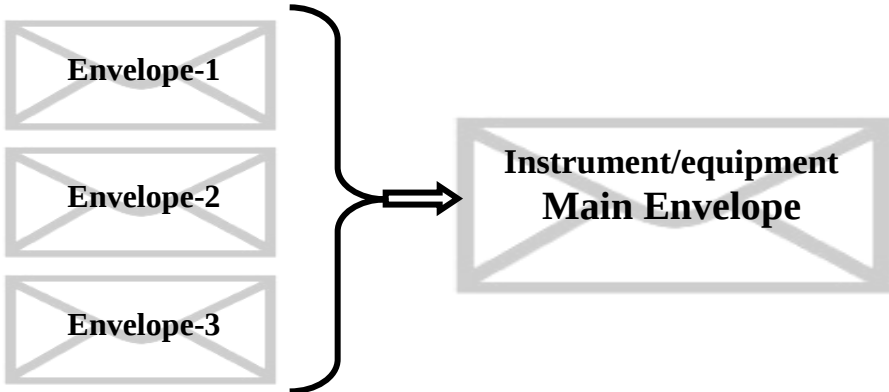
**FROM:**

**ENVELOP-3**

**Tender Doc.  
Technical Specification & Tender Supporting Documents (Authorized Certificate)**

**Item Serial No:**

**Name of Instrument:** **To,** \_\_\_\_\_  
(Separate for each item) \_\_\_\_\_





**1. Tender Fee Details: (Rs.1500/-)** DD in favor of “Junagadh Agricultural University Fund A/c”, SBI, code: SBIN0060218

**a. Name and Address of Tenderer**

**2. Details of Demand Draft:**

| Sr. No. | Particulars  | Number | Date | Amount (Rs.) | Drawn on....<br>(Please mention <u>Name of Bank</u> ) | Branch &Place |
|---------|--------------|--------|------|--------------|-------------------------------------------------------|---------------|
| 1       | Demand Draft |        |      | 1500/-       |                                                       |               |

**3. Format for EMD to be filled in the letter pad by the tenderer:**

EMD as DD/Pay order/Bank Guarantee in favour of “Junagadh Agricultural University Fund A/c” payable at Junagadh.

| Serial No. | Name of Equipments | EMD of Rs.* |
|------------|--------------------|-------------|
|            |                    |             |

**\*NOTE:** The **EMD** (Earnest Money Deposited) for an amount @ minimum 3% of the cost of quoted tender amount shall have to be paid as **in the form of DD/Pay order/Bank Guarantee only** in favour of “Junagadh Agricultural University Fund A/c” payable at Junagadh.



### **COMPANY DETAIL**

1. Name of supplier / firm :
2. Complete postal address :
3. Telephone Number :
4. FAX Number (if any) :
5. E-mail address (if any) :
6. Sales Tax No. :
7. Registration No. :
8. Any other details:

We agree to abide by the terms and conditions of supply mentioned in this tender Document

Signature of Tenderer

(With Stamp, Name & Designation)



**TENDER SUPPORTING DOCUMENTS (CHECK LIST)**

| <b>Sr. No.</b> | <b>Document / Certificate</b>                                                                                                                                                                                                                                          | <b>Attached Yes /No</b> | <b>Yours Page No.</b> |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| 1.             | <b>Tender Fee:</b> (Demand draft of Rs. 1500/- in favour of "Junagadh Agricultural University Fund Account" drawn on STATE BANK OF INDIA, JUNAGADH BRANCH towards the tender fee (Non-Refundable)                                                                      |                         |                       |
| 2.             | <b>EMD:</b> DD/Pay order/Bank Guarantee of a minimum 3% of the cost of quoted tender amount have to be paid in favour of "Junagadh Agricultural University Fund Account" drawn on STATE BANK OF INDIA, JUNAGADH BRANCH towards the Earnest Money Deposit (Refundable). |                         |                       |
| 3.             | C.A. Certificate/ IT return for the manufacturers /Traders showing year-wise production/sales of the quoted item for last 2 years.                                                                                                                                     |                         |                       |
| 4.             | Manufacturing License / Product Permission / Registration Certificate with C.S.P.O./ C.M.S.O. / S.S.I./ K.V.I.C./N.S.I.C./D.G.S.& D.                                                                                                                                   |                         |                       |
| 5.             | S.T. Clearance Certificate & Returns                                                                                                                                                                                                                                   |                         |                       |
| 6.             | Partnership deed / Memorandum of article / Registration of firm etc.                                                                                                                                                                                                   |                         |                       |
| 7.             | Document of 100% Subsidiary Company.                                                                                                                                                                                                                                   |                         |                       |
| 8.             | Affidavit by Subsidiary Company.                                                                                                                                                                                                                                       |                         |                       |
| 9.             | Vendor's Profile / Company details                                                                                                                                                                                                                                     |                         |                       |
| 10.            | IT Clearance                                                                                                                                                                                                                                                           |                         |                       |
| 11.            | GST registration certificate/ GST detail                                                                                                                                                                                                                               |                         |                       |
| 12.            | Specification Supporting Documents with coloured catalog                                                                                                                                                                                                               |                         |                       |
| 13.            | Minimum Technical Specification sheet                                                                                                                                                                                                                                  |                         |                       |

**Note:** 1) All photocopied documents must be attested with seal and signature.

2) All documents photocopy attached in physically.

**Note:**

It is verified that all the certificates / permissions / documents are valid and current as on date and have not been withdrawn / cancelled by the issuing authority. It is further verified that the certificates are as per the format and it is clearly and distinctly understood by me / us that the tender is liable to be rejected if on scrutiny and of these certificates is found to be not as per the prescribed format.

I/We further undertake to produce on demand the original certificate / permission / document for verification at any stage during the processing of the tender.



### **DECLARATION**

We solemnly declare that we have attached all the documents mentioned here above and mentioned in the tender. We also understand that non-compliance of any documents will be treated as non-respective tender and we will loose our claim to participate in the Tender Enquiry automatically and our tender will be liable to reject.

Name of the Firm:

Authorized Signature:

Name: Designation:

Seal of firm:



## **Terms & Conditions**

1. **Tender fee of Rs. 1500/- (Non Refundable)** for exclusive tender be provided through DD in favour of “Junagadh Agricultural University Fund A/c ”
2. The **EMD** (Earnest Money Deposited) for an amount @ minimum **3%** of the cost of the quoted tender amount has to be paid in the **form of DD/Pay order/Bank Guarantee only** in favour of “Junagadh Agricultural University Fund A/c”, from any nationalized Bank of India or any authorized bank drawn in favour of “Junagadh Agricultural University Fund A/c” payable at Junagadh in the Envelop-1. Quotation without EMD will not be considered. In case of unsuccessful tenderers, the Earnest Money deposit (EMD) will be released after finalization of the tender, while in case of successful tenderers/suppliers the Earnest Money so deposited (EMD) will be released after successful completion of supply.
3. Manufacturers must submit the **certificate of registration** as manufacturer in the envelope-2.
4. **Authorized dealer/distributor of a company have to submit** a copy of their dealership/distributorship certificate validated by the company for the Current year for each equipment. In case of a chain of dealership (Area dealer sub dealer, local dealer), all the relevant Authorization certificates up to the end supplier has to be submitted of each equipment in **envelop-2 and envelop-3**.
5. Each page of the tender documents should be signed by the authorized signatory of the firm with seal. Unsigned quotation will be rejected.
6. **Type of currency in price bid** : Currency Prices should be quoted in **Indian Rupees only**.
7. **Mode of Selection:** - The Technical bids are to be opened at the first instance and evaluated by the committee. At the second stage, the financial bid (n-Procure) of only bidders who fulfill all the criteria of the Technical bid will be opened.
8. The selection of Bids for purchasing the equipment will be made solely based on the lowest rate. A bid will be declared L-1 based on total lowest procurement value.
9. Rates quoted should be **inclusive of all applicable Taxes**.
10. The price quoted in the commercial bid are non-negotiable.
11. In case of imported instruments, suppliers will have to clear the consignment and need to pay custom duty clearance charges, all the charges included in clearance of the equipment



from the customs.

12. The price quoted in the tender should be FOR prices. **The F.O.R. prices (Junagadh Agricultural University)** should be mentioned.
13. Should provide **1 year warranty** from the date of installation **OR** as per the **general condition given in the specification** of the equipment.
14. On scrutiny of tender documents, any queries raised by the committee have to be replied satisfactorily by email with all documentary proofs within 2 days.
15. Payment shall be made only after supplying of all the items No advance payment will be made in any circumstance
16. If required, the user should be allowed to analyze the sample at the vendor's site before the purchase of the instrument to conform to the claims made in the catalogue.
17. The manufacturers shall have to stick to their **quality standards** while supplying the goods. Goods supplied shall be rejected if found of inferior quality.
18. Installation of the machine will have to be made **within 1 week of supply**.
19. Payment shall be made only after satisfactory installation and demonstration (indigenous equipment).
20. The **list of customers and complete illustrated literature** should be enclosed with the tender form in the envelope-3.
21. The tenderer will have to **attach the original colour catalogue** (Not colour copy) of each quoted product ensuring exact specifications in the envelop-3.
22. **For authorized dealer, the instrument specification must be on the manufacture's/ dealer's letter head/catalogue.**
23. Post-bid scrutiny will be done by an instrument committee nominated by the university authority. The commercial rate of the disqualified parties will not be considered.
24. Vendors giving wrong information on specifications will be **blacklisted for the period of 5 years**.
25. In case of **defective items, the same shall have to be replaced by the party concerned** at its own cost, and risk, and within the stipulated time.
26. **The number of items to be purchased may be varied** according to requirements.
27. **Security deposit @ 5 % of the work order** for the successful tenderer in the form of DD/Pay order/Bank Guarantee has to be submitted to the respective department for a period of 18 months before receiving the purchase order.





28. The instrument/equipment will be **purchased within the provision of funds** allocated/available.
29. **Validity: up to 31<sup>st</sup> March 2026.**
30. Legal action may be initiated against such tenderer in case any of the information submitted by the tenderer is found to be false at any stage of the contract.
31. For any dispute, the final decision of the committee of the institute will be bound to the supplier/s.
32. University reserves the right to accept/reject any or all the tenders without assigning any reasons. No inquiry after submission of the quotation will be entertained.
33. For all legal purposes court jurisdiction will be Junagadh, Gujarat.
34. We agree to abide by the terms and conditions of supply mentioned in this tender document

Signature of Tenderer  
(With Stamp, Name & Designation)

Authorized Signature:  
Name: Designation: Seal of firm

## Check List of the document to be submitted by the Tenderer

|   |                                                                                                                                                                                                                                                          |  |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | <b>Tender Fee:</b><br>(Demand draft of Rs. 1500/- in favour of "Junagadh Agricultural University Fund Account" drawn on STATE BANK OF INDIA, JUNAGADH BRANCH towards the tender fee (Non-Refundable)                                                     |  |
| 2 | <b>EMD</b><br>DD/PBG of <b>minimum 3%</b> of the cost of quoted tender amount have to be paid in favour of "Junagadh Agricultural University Fund Account" drawn on STATE BANK OF INDIA, JUNAGADH BRANCH towards the Earnest Money Deposit (Refundable). |  |
| 3 | <b>Vendor's Profile / Company details</b>                                                                                                                                                                                                                |  |
| 4 | <b>Registration copy</b>                                                                                                                                                                                                                                 |  |
| 5 | <b>IT Clearance</b>                                                                                                                                                                                                                                      |  |
| 6 | <b>Specification Supporting Documents with coloured catalog</b>                                                                                                                                                                                          |  |
| 7 | <b>Minimum Technical Specification sheet</b>                                                                                                                                                                                                             |  |
| 8 | <b>GST detail</b>                                                                                                                                                                                                                                        |  |

**Part –I: Technical Minimum Specification: (To be filled by the tenderer)**

| Sr No. | Name of the Equipment                               | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Matched / Not Matched | Country of origin |
|--------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|
| 1      | 2                                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                     | 5                 |
| 1.     | <b>Soil Moisture, Temperature &amp; EC Recorder</b> | <ul style="list-style-type: none"> <li>• <b>Purpose:</b> Records and monitors soil moisture, soil temperature, and electrical conductivity (EC) simultaneously.</li> <li>• <b>Application:</b> soil monitoring, irrigation scheduling, agricultural research</li> <li>• <b>Measurement Parameters:</b> <ul style="list-style-type: none"> <li>• <b>Soil Moisture</b> – volumetric water content</li> <li>• <b>Soil Temperature</b> – direct soil thermal measurement</li> <li>• <b>EC (Electrical Conductivity)</b> – salinity/ion concentration in soil</li> </ul> </li> <li>• <b>Recorder/Logger:</b> <ul style="list-style-type: none"> <li>• Multi-channel data logger system for simultaneous sensor recording.</li> <li>• Supports factory-configured sensors as per order.</li> <li>• Real-time monitoring and data storage.</li> </ul> </li> <li>• <b>Display &amp; Programming:</b> <ul style="list-style-type: none"> <li>• LCD/LED alphanumeric display.</li> <li>• Onsite programming via keypad interface.</li> </ul> </li> <li>• <b>Accuracy:</b> High precision (typical EC &amp; moisture sensors <math>\pm 2-3\%</math>, temp sensors <math>\pm 0.5^{\circ}\text{C}</math>).</li> <li>• <b>Data Storage:</b> <ul style="list-style-type: none"> <li>• Large dataset capacity (expandable).</li> </ul> </li> </ul> |                       |                   |

|    |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |
|----|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|    |                                                                            | <ul style="list-style-type: none"> <li>• Export in MS Excel format.</li> <li>• <b>Power Supply:</b> <ul style="list-style-type: none"> <li>• 12V battery-powered (SMF type).</li> <li>• Charging: 220V AC option.</li> </ul> </li> <li>• <b>Operating Conditions:</b> <ul style="list-style-type: none"> <li>• Designed for outdoor industrial/agriculture field environment.</li> <li>• Rugged housing for long-term deployment.</li> </ul> </li> <li>• <b>Data Retrieval:</b> <ul style="list-style-type: none"> <li>• Direct computer connection (USB/data shuttle).</li> <li>• Optional remote data transfer.</li> </ul> </li> <li>• <b>Durability:</b> Weatherproof and maintenance-free design.</li> </ul>        |  |  |
| 2. | <b>Digital Soil Infiltrometer (Double Ring Soil Infiltration Recorder)</b> | <ul style="list-style-type: none"> <li>• <b>Purpose:</b><br/>Measures infiltration rate of water into soil using double-ring method.</li> <li>• <b>Design:</b> <ul style="list-style-type: none"> <li>• Double ring structure: <ul style="list-style-type: none"> <li>◦ Inner ring (ID = 30 cm)</li> <li>◦ Outer ring (ID = 45 cm)</li> </ul> </li> <li>• Outer ring prevents lateral water movement, ensuring vertical infiltration measurement from inner ring.</li> <li>• Comes with hammer, driving plate, stainless steel tripod, and data logger.</li> </ul> </li> <li>• <b>Sensor:</b> Non-contact radar water level sensor.</li> <li>• <b>Display:</b> 16 characters × 2 lines alphanumeric display.</li> </ul> |  |  |

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|  |  | <ul style="list-style-type: none"> <li>• <b>Keyboard:</b> 4×2 membrane keypad (onsite programming).</li> <li>• <b>Clock:</b> Internal real-time clock, accuracy <math>\pm 2</math> minutes/year with leap year compensation.</li> <li>• <b>Channels:</b> 4 (factory configured).</li> <li>• <b>Performance:</b> <ul style="list-style-type: none"> <li>• Settling time &lt; 5 sec</li> <li>• Repeatability: <math>\pm 0.05\%</math> FS</li> <li>• Accuracy: <math>\pm 0.1\%</math> FS</li> </ul> </li> <li>• <b>Memory:</b> &gt;16,000 datasets</li> <li>• <b>ADC Resolution:</b> 16+ bits.</li> <li>• <b>Recording:</b> Unattended, virtually maintenance-free.</li> <li>• <b>Operating Conditions:</b> <ul style="list-style-type: none"> <li>• Temperature: <math>-40\text{ }^{\circ}\text{C}</math> to <math>+75\text{ }^{\circ}\text{C}</math></li> <li>• Humidity: 0–95% non-condensing</li> </ul> </li> <li>• <b>Power:</b> <ul style="list-style-type: none"> <li>• 12V SMF battery (locally available), optional 220V AC charging.</li> </ul> </li> <li>• <b>Data Handling:</b> <ul style="list-style-type: none"> <li>• Output format: MS Excel</li> <li>• Retrieval: Data shuttle (default), Optional remote data transfer.</li> </ul> </li> </ul> |  |  |
|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|