

**KANNUR UNIVERSITY****(PMU D SECTION)****Tel:04972715243, e-mail: registrar@kannuruniv.ac.in****NOTICE INVITING E-TENDER**

The Registrar, Kannur University invites e-tender(s) in **Two Bid System (Two cover)** for the **Supply, Installation, Testing and Commissioning of Automatic Weather Station at the Department of Geography, Swami Anandatheertha Campus, Payyannur** (under PM USHA Scheme) from original equipment manufacturers (OEMs) or authorized distributors/dealers as per the technical specifications and schedule given below. The rate quoted should be inclusive of all taxes, installation charges and other charges. The Registrar, Kannur University reserves the right to accept or reject the tenders without assigning any reason thereof. The list of equipment/accessories proposed to be purchased, including its quantity and specifications are furnished in the schedule of items given below. Since this is an e-tender, only those bidders who have enrolled in the <http://etenders.kerala.gov.in> portal with their own Digital Signature Certificate (DSC) can participate in the tender. E-Tender document and other details can be obtained from the above e-portal.

**TENDER SCHEDULE**

Tender ID	2025_KnrU_790312
Name of work	Supply, Installation, Testing and Commissioning of Automatic Weather Station
Last date for receipt of Tender	23.09.2025, 11.00 AM
Date and time of opening tender	24.09.2025, 3.00 PM
EMD	6000
Tender fee	1200
Address of the officer to whom tenders are to be submitted	Registrar, Kannur University, Thavakkara Campus, Civil Station P.O Kannur- 670002
Place of supply and installation	Department of Geography, Swami Anandatheertha Campus, Payyannur.

For further details logon to <http://etenders.kerala.gov.in>.

e-Tender Helpline No: 0471-2577388/188

## SPECIFICATION OF INSTRUMENTS

Automatic Weather Station	
Quantity : 1	
Specification	
<b>Barometric Pressure:</b>	Resolution and Units: 0.01"or0.001"Hg,0.1 mmHg,0.1hPa/mb(user-selectable) Range: 16.00"to32.50"Hg,410to820mmHg,540to1100hPa/mb
<b>Evapotranspiration</b>	Resolution and Units: 0.01"or0.001",or0.1 mm(user-selectable) Range: Daily to 0.255"(6.5mm); Monthly & Yearly to 65.535"(1664.6mm) Accuracy: Greaterof0.01" (0.25mm) or±5%
<b>Heat Index</b>	Resolution and Units : 0.1or1°Ffor°C(user-selectable) Range : -40°to+200°F(-40°to+93°C) Accuracy: ±2°F(±1°C)(typical)
<b>Humidity</b>	<b>Inside Relative Humidity (sensor located in sensor suite)</b> Resolution and Units: 0.1%or 1%(user selectable) Range: 0.1to100.0%RH Accuracy: ±2% <b>Outside Relative Humidity (sensor located in sensor suite)</b> Resolution and Units: 0.1%or1% (user selectable) Range: 0.1 to 100.0% RH Accuracy: ±2%
<b>Rainfall</b>	<b>Rain Collector Type: Tipping spoon 33.2in<sup>2</sup> (214 cm<sup>2</sup>) collection area</b> Resolution and Units: 0.01"or 0.2 mm (user-selectable) (1mmattotals≥ 2000mm) Daily/Storm Rainfall Range: 0 to 99.99"(0 to 999.8 mm) Monthly/Yearly/Total Rainfall Range: 0 to 199.99"(0 to 6553 mm) Accuracy For rain rates up to 10"/hr (250mm/hr): ±3% of total or ± one tip of the spoon (0.01"/0.2mm), which ever is greater.
<b>Solar Radiation</b>	Resolution and Units: 1W/m <sup>2</sup> Range: 0to1800W/m <sup>2</sup> Accuracy: ±5% of full scale (Reference: Eppley PSP at 1000W/m <sup>2</sup> )
	<b>Wind Speed Sensor:</b> Solid state magnetic sensor <b>Wind Direction Sensor:</b> Wind vane with potentiometer <b>Wind Chill (Calculated):</b> Resolution and Units: 0.1or1°Ffor°C (user-selectable) Range: -110°to+150°F(-79°to+65°C) Accuracy: ±2°F (±1°C)(typical) <b>Wind Direction</b>

<b>Wind</b>	Range : 1-360° Display Resolution: 16points (i.e. SSW) and also 1° in numeric display on compass rose Accuracy: ±3° <b>Wind Speed</b> Resolution and Units: 1mph or 0.1mph, 1km/h or 0.1 km/h, 1 m/s, or 0.1m/s, or 1knot or 0.1knot(user-selectable) Range: 0to200mph, 0to173knots, 0to89m/s, 0to322km/h
<b>Temperature</b>	<b>Inside Temperature</b> Resolution and Units: 0.1or1°For°C(user-selectable) Range: +32°to+122°F(0°to+50°C) Sensor Accuracy: ±0.4°F(±0.3°C) <b>Outside Temperature</b> Resolution and Units: 0.1or1°For°C(user-selectable) Range: -40°to+150°F(-40°to+65°C) Sensor Accuracy: ±0.5°F(±0.3°C)
<b>Data Logger</b>	<b>Display Type</b> : LCD with LED backlight <b>Display Screen</b> : Current reading for selected weather variables with Details of current weather including sunrise and sunset, daily highs, lows and averages & historical data and forecasts for hourly, 7-day, monthly, and annual. <b>Battery Backup</b> : Lithium Polymer <b>Backup Battery Life (no AC power)</b> : About 14 hours <b>Power Source for Weather Station</b> Solar Power Panel with battery backup
<b>Warranty</b>	5 Year warranty with 24x7 service facilities in Kerala
<b>Conditions</b> <ol style="list-style-type: none"> <li>1. The bidder should have more than five years of experience in the Weather Station field in all over India and must have an authorized service centre located in Kerala.</li> <li>2. The bidder should submit tender specific authorization letter from direct OEM or from Main distributor in India of the OEM.</li> <li>3. The bidder must have successfully supplied manual or automatic weather stations in almost every district of Kerala.</li> <li>4. The Supplier/Bidder must be approved/Recognized by the India Meteorological Department (IMD).</li> </ol>	

### **General Terms and Conditions**

1. The tender should be submitted in two cover system (Technical bid & Financial bid)
2. Prices shall be quoted in Indian currency only.
3. Tender fee and EMD should be remitted through SBI MOPS as indicated in the e-Tender website. All payments including EMD should be made through online but 18% GST of Tender fee should be remitted to GST Department directly. The bidder shall be solely responsible for the payment of GST.

The University holds no responsibility or liability in this matter.

Sl No	Name of Equipment	Tender Fee Excluding GST	GST (18%)	EMD
1	Automatic Weather Station	1200	216	6000

4. All the MSMEs with Udyog Aadhar Registration or any other body specified by the Ministry of Micro, Small and Medium Enterprises working within the state of Kerala will be exempted for the payment of Tender fee and EMD. Under MSME category, only manufactures for Goods and Service Providers for Services are eligible for EMD/Tender fee exemption.
5. Custom Clearance of the consignment including all the stages of custom clearance will be under the purview of supplier.
6. The successful bidder shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to 5 % of the value of the contract by way of Demand Draft drawn in favour of the Finance Officer, Kannur University payable at SBI Kannur Branch or Kannur Branch of other Nationalized or Scheduled bank, as performance security for the satisfactory fulfilment of the contract.
7. The bidder should be registered company/firm. Certificate of incorporation/Company registration certificate/Memorandum and Articles of Associations/Valid GST registration certificate/Valid Income tax registration certificate/Valid Service tax registration certificate should uploaded / submitted along with the tender.
8. The bidders shall keep their rate firm for a period of 180 days.
9. Profile of Bidder as per Annexure 1 shall be provided.
10. The bidder should have the responsibility to attend the first level service if any complaint report. The bidder should provide minimum one preventive maintenance during warranty period. Relevant documents or undertaking signed by the personnel with address and contact person's name, phone no, and URL of complaint logging website to be submitted in case, if the bidder doesn't have their own service centre in Kerala and the bidder authorize another service centre/service engineers for attending service.
11. The earnest money deposit (EMD) of the unsuccessful bidders will be returned through ONLINE Transaction and the EMD of successful bidders will be discharged upon the bidder executing the contract and furnishing the security deposit that will have to be deposited for the satisfactory fulfilment of the contract.
12. Forfeiture of EMD:

(i) If any

(ii) in case after being successful bidder, he/firm fails to sign the contract, and to furnish the performance security.
13. The bid shall contain detailed technical specifications, Brochures and pamphlets of the item/items quoted.
14. All the claimed specifications (make, model, year of manufacture, warranty etc.) should be mentioned in the Brochure or Catalogue of the equipment.
15. All charges, taxes, duties and levies should be clearly indicated and the rate tendered should be inclusive of all taxes and other charges.
16. The installation, commissioning and the initial operation will be the responsibility of the supplier.
17. In case of under performance during the warranty period, the item should be replaced and the period of warranty will recommence from the date of replacement.
18. The payment will be made after completion of supply, installation and commissioning.
19. The final acceptance of the tenders rests entirely with the Kannur University who do not bind

themselves to accept the lowest or any tender.

20. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful bidder shall also execute an agreement for the due fulfilment of the contract within the period to be specified in the letter of acceptance. In cases where a successful bidder, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Registrar, be purchased by means of another tender/quotation or by negotiation or from the next higher bidder who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards damages be recovered from the defaulting bidder.
21. The bidder shall undertake to supply materials according to the standard sample and /or specifications.
22. No representation for enhancement of rates once accepted will be considered.
23. The prices quoted should be inclusive of all taxes, duties, cess etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.
24. Special conditions, if any, of the bidders attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.
25. The bidder shall quote their rate in the standard BOQ provided, indicating the break up details.
26. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.
27. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.
28. The bids shall be opened online at Kannur University on the date mentioned in Invitation Bid. If the date fixed for opening happens to be a holiday/due to net failure/ due to technical issue, the tenders will be opened on the next working day, at the same time.
29. Bidders must not be blacklisted by any Government or Public Sector Undertaking (PSU).

GSTNo.ofKannuruniversity:32AAAGK0152J1ZT

#### **DOCUMENTS TO BE SCANNED AND UPLOADED**

1. **Bidder Profile** (as per the format mentioned in *Annexure 1*)
2. **Bid Particulars** (as per the format mentioned in *Annexure 2*)
3. Scanned copy of valid **GST Registration Certificate** and **PAN Card**
4. **Scanned copy of relevant brochure of the equipment, including make and model, and copies of certifications (e.g., ISO certification)**
5. **Warranty details**
6. **Details of authorized service centre located in Kerala**
7. **Authorization letter from the direct OEM or from the main distributor in India of the OEM.**
8. **Proof of similar work executed in the past**

Sd/-

**REGISTRAR**

## ANNEXURE1

### BIDDERPROFILE

Sl.No.	Particulars	
<b>Details of bidder(Firm/Company)</b>		
1	Name	
2	Address	
3	Telephone & Fax	
4	Email & website	
<b>Details of Authorized Person</b>		
5	Name	
6	Address	
7	Telephone &Email	
<b>Information about the company</b>		
8	Status of Company (Public Ltd./Pvt. Ltd)	
9	Details of Registration of Firm (Provide Ref.)	
10	Number of Professionals	
11	Location and address of offices (in India & overseas)	
12	Service Tax Registration Number	
13	Income Tax Registration Number (PAN)	
14	GST Registration Number	

**Signature of the Bidder**

## ANNEXURE2

### TECHNICALBID(BIDPARTICULARS)

1. Tender Number :
2. Name of the Bidder :-----
3. Full Address of the Bidder :-----
4. Name of the actual signatory of the

product(s) offered :-----

5. Bidder's proposal number and date :-----
6. Name & Address of the officer to

Whom all references shall be made

Regarding the Tender :-----

Telephone :-----

Fax :-----

E-mail :-----

Bidder Signature Name ----- Designation -----

Company -----

Date -----