

**KANNUR UNIVERSITY
(PMU D SECTION)**

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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 Laboratory Equipment 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_763270
Name of work	Supply, Installation, Testing and Commissioning of Laboratory Equipment.
Last date for receipt of Tender	18/06/2025, 11 AM
Date and time of opening tender	19/06/2025, 3 PM
EMD	₹7700/-
Tender fee	₹1888/- (1600+288)
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>.

SPECIFICATION OF INSTRUMENTS

SI No	Equipment Name & Quantity (Nos)	Specifications
	Wet Bulb Globe/	IS 5681 : 1992 Mercury filled Wet bulb thermometer with its mount may be

1	Thermometer Quantity : 1	supplied in a wooden case with a hinged lead of inner dimensions 320 mm x 60 mm x 30 mm Range -35 -55 °C
2	Portable water Testing Quantity : 1	Microprocessor Based Water & Soil Analysis Kit Should be compatible to measure pH, Conductivity, TDS, Salinity, Temperature, Dissolved Oxygen and mV of any solution. With facility upto 90 samples. LCD Display, Data storage, Printing option and battery backup. Range :- Ph. 0-14 Cond. 0-200 µs TDS 0-200 ppt Millivolt (orp) 0-1999 µv Salinity : 0-50 ppt
		<u>Barometric Pressure:</u> 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 <u>Evapotranspiration</u> 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% <u>Heat Index</u> Resolution and Units : 0.1or1°For°C(user-selectable) Range : -40°to+200°F(-40°to+93°C) Accuracy: ±2°F(±1°C)(typical) <u>Humidity</u> Inside Relative Humidity (sensor located in sensor suite) Resolution and Units: 0.1%or 1%(user selectable) Range: 0.1to100.0%RH Accuracy: ±2% Outside Relative Humidity (sensor located in sensor suite) Resolution and Units: 0.1%or1% (user selectable) Range: 0.1 to 100.0% RH Accuracy: ±2%

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Automatic
Station
Quantity : 1

Weather

Rainfall

Rain Collector Type: Tipping spoon 33.2in² (214 cm²)
collection area

Resolution and Units: 0.01" or 0.2 mm (user-selectable)
(1mm totals \geq 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): \pm 3% of total or \pm one tip of the spoon (0.01"/0.2mm), whichever is greater.

Solar Radiation

Resolution and Units: 1W/m²

Range: 0 to 1800W/m²

Accuracy: \pm 5% of full scale (Reference: Eppley PSP at 1000W/m²)

Wind

Wind Speed Sensor: Solid state magnetic sensor

Wind Direction Sensor: Wind vane with potentiometer

Wind Chill (Calculated)

Resolution and Units: 0.1 or 1° For °C (user-selectable)

Range: -110° to +150°F (-79° to +65°C)

Accuracy: \pm 2°F (\pm 1°C) (typical)

Wind Direction

Range : 1-360°

Display Resolution: 16 points (i.e. SSW) and also 1° in numeric display on compass rose

Accuracy: \pm 3°

Wind Speed

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: 0 to 200mph, 0 to 173 knots, 0 to 89m/s, 0 to 322km/h

Temperature

Inside Temperature

Resolution and Units: 0.1 or 1° For °C (user-selectable)

Range: +32° to +122°F (0° to +50°C)

Sensor Accuracy: \pm 0.4°F (\pm 0.3°C)

Outside Temperature

Resolution and Units: 0.1 or 1° For °C (user-selectable)

Range: -40° to +150°F (-40° to +65°C)

Sensor Accuracy: \pm 0.5°F (\pm 0.3°C)

Data Logger

Display Type : LCD with LED backlight

Display Screen: 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.

Battery Backup : Lithium Polymer

Backup Battery Life (no AC power) : About 14 hours

Power Source for Weather Station Solar Power Panel with battery backup

Warranty

5 Year warranty with 24x7 service facilities in Kerala

Conditions

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.
2. The bidder should submit tender specific authorization letter from direct OEM or from Main distributor in India of the OEM.
3. The bidder must have successfully supplied manual or automatic weather stations in almost every district of Kerala.
4. The Supplier/Bidder must be approved/Recognized by the India Meteorological Department (IMD).

Additional Doc:

The system must be provided with a set of installation, operating and troubleshooting manuals both in paper and software forms.

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 online (SBI MOPS), but 18% GST amount on tender fee should be remitted to GST Department directly and should upload the receipt in the e-procurement portal.**

Sl. No	Item	Tender Fee (excl GST)	Tender Fee (18% GST)	EMD
1.	Laboratory Equipment	1600	288	7700

4. The bidders shall keep their rate firm for a period of **120 days**.
5. The bidder should upload along with his tender a preliminary agreement executed and signed in Kerala Stamp Paper of value of Rs.200/- as per format given.
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 any other Nationalized or Scheduled

bank, **as security** for the satisfactory fulfillment of the contract.

7. The total rate tendered should be inclusive of all taxes and other charges.
8. All bid/tender documents are to be submitted online only and in the designated cover(s)/envelope(s) on the website. Tenders/bids shall be accepted only through online mode on the website and no manual submission of the same shall be entertained.
9. Profile of Bidder as per Annexure1 shall be provided.
10. The earnest money of the unsuccessful bidders will be returned through ONLINE NEFT 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 fulfillment of the contract.
11. The bid shall contain detailed technical specifications, Brochures and pamphlets of all items quoted.
12. All the claimed specifications (make, model, year of manufacture, warranty etc) should be mentioned in the Brochure or Catalogue of the equipment
13. The installation, commissioning and the initial operation will be the responsibility of the supplier.
14. 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.
15. The payment will be made after completion of supply, installation and commissioning.
16. The bidder shall undertake to supply materials according to the standard sample and /or specifications.
17. No representation for enhancement of rates once accepted will be considered.
18. The bidder shall quote their rate in the standard BOQ provided indicating the break up details.
19. The supplier shall ensure the quality of the stores supplied.
20. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.
21. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.
25. 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, the tenders will be opened on the next working day, at the same time.
26. The bidder should have the responsibility to attend the first level service if any complaint report.
27. The final acceptance of the tenders rests entirely with the University who do not bind themselves to accept the lowest or any tender. But the bidders on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.
28. 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 fulfill 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.

DOCUMENTS TO BE SCANNED AND UPLOADED

1. Bidder Profile(as per format mentioned in Annexure1)

2. Bid Particulars(as per format mentioned in Annexure 2)
3. Scanned copy of valid registration certificate (GST) & PAN Card
4. Scanned copy of Preliminary Agreement in Stamp Paper of Rs.200/- (as per format mentioned in Annexure 3)
5. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO certification.
6. Copy of payment receipt of tender fee and EMD
7. Copy of GST payment receipt of tender fee (18 % of tender fee)(MSME firms attach MSME certificate & UDYAM registration certificate)
8. Warranty details

Sd/-

REGISTRAR

ANNEXURE1

BIDDERPROFILE

Sl.No.	Particulars	
Details of bidder(Firm/Company)		
1	Name	
2	Address	
3	Telephone & Fax	
4	Email & website	
Details of Authorized Person		
5	Name	
6	Address	
7	Telephone &Email	
Information about the company		
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 -----

ANNEXURE-3

Preliminary Agreement

Articles of agreement executed on this the day
of.....
.....between the Registrar, Kannur University (hereinafter referred to
as "the University") of the one part and Shri
..... (H.E. name and address of the tenderer)
(hereinafter referred to as "the bounden") of the other part.

Whereas in response to the Notification No..... dated the bounden has
submitted to the University a tender for the
Specification therein subject to the terms and conditions contained in the said tender;
Whereas the bounden has also deposited with the University a sum of Rs.....
as earnest money for execution of an agreement undertaking the due fulfillment of the
contract in case his tender is accepted by the University.

NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the University and the contract for is awarded to the bounden, the bounden shall within.....days of acceptance of his tender execute an agreement with the University incorporating all the terms and conditions under which the University accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the University shall have power and authority to recover from the bounden any loss or damage caused to the University by such breach as may be determined by the University by appropriating the earnest money deposited by the bounden if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden his properties movable and immovable in the manner hereinafter contained.
3. All sums found due to the University under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue and in such other manner as the University may deem fit.

In witness where of Shri (name and designation) for and on
behalf of the University and Shri.
.....Bounden have hereunto set their hands the day and year shown
against their respective signatures.

Signed by Shri.....(date).....

In the presence of witnesses:

1.
2.