



KERALA AGRICULTURAL UNIVERSITY

College of Climate Change and Environmental Science,
Vellanikkara, Thrissur Dist. Pin:680656

Phone: Dean: 0487-2438691, Office: 0487-2438692, E-mail:ccces@kau.in

No. CCCES/1242/2024 – A2

Dtd. 12.03.2025

TENDER NOTICE

Sealed tenders are invited from competent firms for the supply and installation of "SOIL MOISTURE AND TEMPERATURE PROFILE SENSOR (9 DEPTHS)" at College of Climate Change and Environmental Science with specifications as detailed below.

Important Information

Bid Inviting Authority	Dean, CCCES Kerala Agricultural University
Contact Person	Dean, CCCES Vellanikkara, KAU Main Campus, Thrissur – 680656 E-mail: ccces@kau.in Ph: 04872438692
Mode of Tender Submission	Direct / by Post
Nonrefundable Tender document fee	Tender Fee: 0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs.400/- and maximum of Rs. 1500 + GST 18%
Earnest Money Deposit (EMD) payable *	1% of quoted amount (to be remitted as separate DD drawn in favor of The Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU payable at SBI, Vellanikkara)
GST Rate Applicable	As per GST rules
Last Date of Submitting the Tender Documents	2:00 PM on 22.03.2025
Opening of Tenders	2:30 PM on 22.03.2025

* Exemption is allowed to MSME companies as per Govt. rules.

**In the case of Courier, ensure the company has delivery at this office

SPECIFICATIONS

Hardware	Features
SOIL MOISTURE AND TEMPERATURE PROFILE SENSOR (9 DEPTHS)	<ul style="list-style-type: none"> • Sensing element at 5cm, 10cm, 20cm, 30cm, 40cm, 50cm,60cm,75cm,100cm • Cable Length : 10m • Threaded Design • TDR Technology • Water Content Accuracy: $\pm 1.5\%$ or better typical with most soils • Relative Dielectric Permittivity Range: 1 to 80 • Relative Dielectric Permittivity Accuracy: ± 1 permittivity unit (between 4 and 42 permittivity) • Electrical Conductivity Range: 0 to 10 dS/m • Electrical Conductivity Accuracy: $\pm 5\%$ or better • Soil Temperature Accuracy: $\pm 0.15^{\circ}\text{C}$ (between -30° and $+40^{\circ}\text{C}$) or better • Soil Temperature Measurement Range: -40° to $+70^{\circ}\text{C}$ or better • Soil Temperature Precision: $\pm 0.02^{\circ}\text{C}$ or better • Volumetric Water Content Range: 0% to 100% • Volumetric Water Content Accuracy: $\pm 3\%$ typical in mineral soils, where solution EC ≤ 10 dS/m or better • Volumetric Water Content Precision 3 : $< 0.05\%$ • The sensors should be compatible with the datalogger of the automatic weather station

Cost of Tender Forms: - 0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs.400/- and maximum of Rs. 1500 + GST 18%

Last date of receipt of tender	22.03.2025 - 2.00PM
Date and time of opening tender	22.03.2025 - 02.30PM

Terms and Conditions: -

1. Tender should be submitted in the prescribed forms which can be downloaded from the website www.kau.edu/tenders. The cost of the tender forms will not be refunded under any circumstances.
2. The sealed cover containing the tender should be superscribed supply of "SOIL MOISTURE AND TEMPERATURE PROFILE SENSOR (9 DEPTHS)" (along with the notification number) and addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU.
3. Tender should be accompanied by EMD of Rs.2000/- and Tender fee @ 0.2% +GST 18% of quoted amount by way of three crossed Demand Drafts separately (1. Tender fee 2.GST on tender fee 3.EMD) drawn in favour of The Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU, payable at the State Bank of India, KAU branch, Vellanikkara

4. Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms which are exempted from payment of EMD should furnish copy of the current valid certificate from the Store Purchase Department, Government of Kerala.
5. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs. 200/- (Rupees Two Hundred only) and format can be downloaded from the above website.
6. The successful tenderer should execute an agreement in Kerala Stamp Paper worth Rs. 200/- (Rupees Two Hundred only) and should furnish a security deposit of 5% of the cost of the items quoted in the form of demand draft term deposit/ bank guarantee/demand draft drawn in favour of the Dean, College of Climate Change and Environmental Science, Vellanikkara, KAU at State Bank of India, KAU branch, Vellanikkara, when directed from this office. The format of the agreement can be downloaded from the above website.
6. The price must include all taxes and transportation charges and other charges, if any.
7. The cost of the item, tax and other charges should be stated separately
8. The exact specification, details of make, model, name of manufacturer, warranty details etc., of the item must be clearly specified.
9. If any Bandh/strike/ any unexpected holidays occur on the date of opening of tender, the tender will be opened at the same time on the next working day. The decision of the undersigned in accepting the tenders shall be final and binding.
10. Withdrawal of tenders after its acceptance of failure to supply the equipment or not according to the specification will entail cancellation of the tender.
11. The supply order will be issued upon the acceptance of the tender, and the invoice should be addressed to the Dean, College of Climate Change and Environmental Science, Vellanikkara. Payment will be effected only after the item is supplied satisfactorily.
12. The successful tenderer should supply and install the item to the College of Climate Change and Environmental Science, Vellanikkara, within one week from the date of the receipt of the supply order.
13. The Dean, College of Climate Change and Environmental Science, Vellanikkara, reserves the right to permanently remove the name of the defaulted suppliers from the list of suppliers or for a specific period.
14. The Dean, College of Climate Change and Environmental Science, Vellanikkara, has the right to accept or reject any or all of the offers without assigning any reason.

DEAN
CCCES, KAU

To: KAU Website

Copt to : Notice boards

