

QUOTATION NOTICE

Sealed quotations are invited from the eligible firms for the supply and Installation of **Manual Weather Instruments** in the Department of Environmental Sciences, University of Kerala, Kariavattom Campus, Thiruvananthapuram.

Tender specification

MANUAL WEATHER INSTRUMENTS

1) Mercury Thermometer

Range : -10 °C to 350 °C
Length 25cm

2) Mercury Wet and Dry Bulb Thermometer

Dry Side Temperature Range : -150 C to 500 C
Wet Side Temperature Range : -150 C to 500 C

With 2 Cotton Wicks and Hygrometric Table Chart

3) Non – Recording Rain Gauge

Should Confirm to IS 5225-1969

With interceptor / collector for rainfall and a receiver consisting of a base and a bottle in which the rainfall is collected and stored. The collector, receiver, and bottle SHOULD ALL BE made of FRP material for lightness and rigidity. The gunmetal rim fitted in the collector mouth MUST BE 200cm² in area.

4. Rainfall Measuring Cylinder

Material : Borosilicate Glass
Range : 20cm
1 Division = 2cm

5) Wind Wane

Should conform to IS: 5799

Base - Aluminium Material

Bearing Housing Cap - Aluminium Alloy Material

Support Tube - Aluminium Casting

Spindle and cap nut - Brass

Main support and direction Letter - Galvanized Steel

Balance Weight , Direction arm and direction arms for Letter - Mild Steel

Bearing Brush - Tin bronze

Built in compass

To be supplied along with Operational Manual

6) Mercury Maximum Minimum Thermometer

Min. Temperature Range : 0 °C to -40 °C
Max. Temperature Range : 0 °C to 55 °C
With Magnetic reset button

7) Cup Counter Anemometer

Minimum recordable Wind speed (Accuracy) - 1 km/h

8) Barometer

80 mm Dia Metal Frame
Value Range : 960 TO 1060 hPa
Type :Analog

9) Hygrometer Analog

Value Range m 0 to 100% R.H.
Type :Analog

Warranty : Minimum one year

Terms and Conditions

1. All the Instruments should be supplied together by same vendor.
2. The rate quoted should be inclusive of Tax, transportation, installation charges and any other charges.
3. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
4. Payment will be made only after the supply and installation of the items on site.
5. The undersigned reserves the right to reject /accept any quotation without assigning any reason.

The sealed quotations should reach The Professor and Head, Department of Environmental Sciences, University of Kerala, Kariavattom Campus P.O. Thiruvananthapuram-695 581, Kerala on or before 27.10.2023 at 3.00 pm.

Sd/-
Head of the Department