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KERALA AGRICULTURAL UNIVERSITY
KELAPPAJI COLLEGE OF AGRI ENGG & TECHNOLOGY
TAVANUR, MALAPPURAM – 679 573

No: B3- 2175/19

Dt: 18 /03/19

Quotation Notice

Competitive quotations are invited for the supply of one each of Soil moisture sensor and Data logger with the following specifications for use KCAET, Tavanur.

TECHNICAL SPECIFICATIONS OF SOIL SENSOR (Moisture, temp, EC)	
Volumetric water content	
Range of measurement in mineral soil	0 to 0.7
Range of measurement in soil less media	0 to 1.0
Dielectric permittivity	1 to 80
Resolution	0.001
Accuracy - general calibration	+/- 0.03
Accuracy - medium specific calibration	+/- (0.01 to 0.02)
Accuracy - dielectric permittivity	1 to 40
Measurement frequency	> 60 MHz
Temperature	
Range	-40 to 60 ⁰ C
Resolution	0.1 ⁰ C
Accuracy	+/- 1 ⁰ C
EC	
Range	0 to 20 ds/m
Resolution	0.001
Accuracy	+/- 3%
Needle length, Cable length	5 cm, 5 m respectively (minimum)
Compliance	ISO 9001: 2015
Warranty	Minimum 1 year

TECHNICAL SPECIFICATIONS OF DATA LOGGER	
Sensor input ports	6 nos (minimum); support analog, digital or pulse; stereo plug type
Logging / reporting interval	5 min minimum / 1 hr
Data storage	8 MB; Non volatile flash
Global position	Integrated with 56 channel GPS
Battery capacity, life and charging	6 AA MiNH; 3 yrs; USB
Computer communication	USB
Compliance	ISO 9001: 2015
Warranty	Minimum 1 year

Terms and Conditions

1. The rates quoted should be inclusive of all taxes and other charges if any and the items shall be delivered at the point specified by the undersigned
2. The quotations should reach this office before 2.30 pm on 25-03-2019 and the quotation will be opened at 3.00 pm on the same day.
3. Late and defective quotations will not be accepted.
4. The envelope containing the quotation should be super scribed with "Quotation for the supply of "SOIL MOISTURE SENSOR AND DATA LOGGER as per order No. B3-2175/19" and addressed to the Dean (Ag. Engg), KCAET, Tavanur, Malappuram (Dt) Pin-679 573.
5. All rules related to Government quotations will be applicable in this case also.

Sd/-
Sreekumar K
Administrative Officer Gr.I
For Dean (Agr. Engg)

To
College and University website: kcaet.kau.in; www.kau.in