



**KERALA AGRICULTURAL UNIVERSITY**  
Farming Systems Research Station  
Sadanandapuram, Kottarakkara

FS (3) 1663/2022

Dated: 16.11.2022

**QUOTATION NOTICE**

Sealed and competitive quotations are invited from interested persons/ firms for the supply of the following lab equipments required for the project entitled SHM Project- Establishment of Leaf/ Tissue Analysis Lab at FSRS.

**1. Lux Meter**

Specification as listed below

Sl No	Requirement	Specification
1	Lux range	4,00,000 LUX
2	Resolution	0.1 LUX/0.01 FC
3	FC	±5% of reading ± 10 Digits (<10,000 LUX)
4	Accuracy	±10% of reading ± 10 Digits (<10,000 LUX)
5	Power	9V (6F22) x 1
6	Receiving light	Silicon Photo Electricity Diode
7	Other features	3,999 Count with Bar Graph 61 Segments
		User selectable FC/LUX
8	Data Logging capacity	99
9	USB Computer Interface	Advance Software Program for all windows

**2. Infra red Thermometer**

Specification as listed below

Sl No	Requirement	Specification
1	Range	50~1250°C/ 58~2282°F
2	Response time	< 250 ms
3	IR Temp. Resolution	0.1°C / °F
4	Basic Accuracy	+1.5% of reading
5	Emissivity	Adjustable 0.10~1.0
6	Optical Resolution (DistanceSpot)	13:1
7	Laser Pointer	Round
8	LCD Display	Colour LCD Display with Backlight

9	Data hold	Automatic Data Hold
10	Feature	Max./Min. Difference & Average record, Type K temperature measurements
11	Power control	Auto Power Off

### 3. Soil Moisture Meter

Specification as listed below

Sl No	Requirement	Specification
1	Moisture Range	0.1 - 15 Bars Tension.
2	Reference scale.	0-100
3	Display	Bright, clear digital display.
4	Battery	9V battery
5	Gypsum Sensor Blocks, measurement and electrodes	The sensor blocks made of gypsum, cast around stainless steel electrodes. Required a maximum degree of uniformity and fast response to soil moisture changes. 7/8" diameter x 1 1/8" height
6	calibration check	Built-in calibration check
7	Construction	Rugged construction ensures years of reliable use.

The quotations superscribing "Quotation for the supply of lab equipments" should reach the undersigned on or before **01.12.2022 at 2.30 P.M.** Quote the rate per items. The quotations will be opened at **3 P.M** on the same day and the lowest rate will be accepted. The rate quoted should be inclusive of all taxes.

The undersigned reserves all right to accept or reject the quotations without assigning any reason. All the rules regarding Government quotations are applicable to this also.

Sd/-  
PROFESSOR AND HEAD

To: The Firms/Notice Board  
Cc to: Dr. Renjan B, Assistant Professor/SF



*[Handwritten Signature]*  
Administrative Assistant  
Farming Systems Research Station  
Sadanandapuram