



## REGIONAL AGRICULTURAL RESEARCH STATION

Kerala Agricultural University

Mele Pattambi (PO), Palakkad District, 679 306 (PIN), Keralam

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No. D3 – 233/2018

Dated: 25.01.2018

### TENDER NOTICE

Sealed tenders on competitive basis are invited for the supply of the following equipment subject to the terms and conditions detailed below:

Sl. No.	Machine/equipment	Specifications
1	<b>Electronic Balance</b>	Readability: 0.0001 g – 0.1 Mg. Linearity <+ 0.2 mg Repeatability <+0.1 mg. Weighing capacity: 220 g Stainless steel weighing pan With rectangular glass draft shield opening from three sides. Digital display
2	<b>Submarine Electrophoresis Systems</b>	Model with gel size 20 cm x 20 cm (for 26 samples) Model with gel size 13 cm x 25cm ( for 13 samples)
3	<b>Top Loading Analytical Balance</b>	Weighing range 220 g Read out / accuracy: 0.001 g Reproducibility: 0.001 g Dimension of weighing plate: 100 cm <sup>2</sup>
4	<b>Hand held NDVI Measurement/Crop Sensor</b>	Range: 0-0.99 Weight: < 500 gm. Field view: 25-50 cm Height range: 50-125 cm With accessories: Battery, wrist trap, AC charger, cable carrying pouch etc.
5	<b>Single Beam Visible Spectrophotometer</b>	Wave length range: 340 – 1100 nm Accuracy: +/- 0.1 nm Reportability: +/- 0.05 nm Resolution: 0.1 nm Band width: 2 nm Simple holder: Rotating 4 Nos. Measurements: Absorbance, transmittance Concentration Display: LED calibration display
6	<b>Micro controller based Flame Photometer</b>	Elements to be determined: 4 at single aspiration (Na, K, Ca, Li/Mg.) Ignition: auto ignition Repeatability: +/- 1% Measurement sample Vol $\leq$ 3 Fuel: LPG Power gear 230 V+10%, 50 Hz. Full scale sensitivity: Na <2PM, K < 1PPm

		Li/Mg. < 10 PPM Ca < 30 ppm Air compressor and accessories, P.C. link software
7	<b>pH Meter</b>	3 point calibration with 3 digit 7 segment display Range: 0-14 Resolution: 0.01 pH Accuracy: 0.01 pH With glass , electrode, holder, power adapter etc.

### **Terms and Conditions**

1. Tender form should be submitted in the prescribed form which can be downloaded from the web link [www.rarsptb.kau.in/tenders](http://www.rarsptb.kau.in/tenders). The cost of tender form will be accepted by way of Demand Draft drawn in favour of Associate Director of Research, Regional Agricultural Research Station, Pattambi payable at State Bank of India, Pattambi and should be enclosed along with the tender. The tender cost and VAT amount should be specified while submitting the tender.
2. Cost of tender form is 0.2% of the quoted amount rounded to the nearest multiple of 100 subject to a minimum of ₹400/- (Rupees. Four hundred only) and a maximum of ₹1500/- (Rupees. One thousand five hundred only). There will be a GST of 12%.
3. The tender should be accompanied by an agreement in Kerala stamp paper worth ₹200/- (Rupees. Two hundred only) the format of which can be downloaded from the above website. Withdrawal of tenders after its acceptance or failure to supply the equipments or not according to the specification will entail cancellation of the tender.
4. EMD @ 1% of the amount quoted (subject to a minimum of ₹1500/-) should be remitted along with the tender cost and GST amount mentioned above by two separate Demand Drafts drawn in favour of Associate Director of Research, Pattambi payable at State Bank of India, Pattambi. Demand Draft from other banks will not be entertained.
5. The sealed cover containing the tender cover should be superscribed as “Tender for ..... (Name of the Equipment/Machinery) as per tender notice No. ....”
6. Tenders will be accepted up to 11.00 AM on 07.02.2018. Tenders received after the stipulated time will not be accepted.
7. Tenders will be opened at 11.30 AM on the same day at the presence of those bidders who are available at that time.
8. The bidder of the accepted tender should enter into an agreement with the Associate Director of Research, Regional Agricultural Research Station, Pattambi on Kerala stamp paper worth ₹200/-. The format of the agreement is available in the web link [www.rarsptb.kau.in/tenders](http://www.rarsptb.kau.in/tenders). He should also submit a security deposit equal to 5% of the cost of Equipment/Machinery in the form of Term Deposit/Bank Guarantee/Demand Draft drawn in favour of Associate Director of Research, Pattambi payable at State Bank of India, Pattambi.
9. The equipment should be supplied within 15 days acceptance of the tender and the bidder should install successfully demonstrate the operation of the supplied item.
10. Payment of cost of the equipment/machinery will be made by invoice cum cheque basis.
11. The bidder should hand over valid guarantee card wherein in conditions of guarantee are detailed and operation manual to the undersigned along with machinery/equipment.
12. Any failure on the part of supplier in the fulfillment of contractual obligations will result in the forfeiture of EMD/Security Deposit.
13. All other technical and commercial terms and conditions as per the code rules in force in Kerala will be applicable in this case also.

### **Special Conditions**

1. Tenders insisting payment in advance either full or in part for releasing the documents through bank are liable to be rejected.

2. Leaflets/brochures containing technical features on the different models quoted should be attached with the tender.
3. Operation manual and guarantee card of the item wherever required should be provided.
4. Preference will be given to the articles having ISI certification if all other conditions are satisfactory.
5. The undersigned reserves the authority to accept or reject any or all of the offers for any particulars item without assigning any reason whatsoever.
6. The decision of the undersigned in finalizing the tenders shall be final and binding.

Sd/  
Associate Director of Research

To Sri. P S Sajeesh, Junior Programmer – for web hosting of the tender notice.  
Cc to: Dr. P Raji, Professor/Dr. P P Moossa, Assistant Professor.

//Approved for Issue//

  
Section Officer