

KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station Ambalavayal
Wayanad Dist. 673593 adramb@kau.in Phone & Fax: 04936 260421

TENDER NOTICE

No. D-1204/17

Date 18-7-2018

Sealed & competitive tenders are invited for supply of the following machinery/equipment at RARS Ambalavayal as per the specifications and terms & conditions detailed below;

Cost of tender forms:

S. No.	Particulars	Cost (Rs.)*
1.	For the items serially numbered from 1 to 9	Rs. 1600+ Rs 288 (18% GST) = Rs. 1888

*Please refer to <http://www.kau.in/tenders> for clarifications/further details

Last date & time of receipt of tender : **09.08.2018, 2.30 PM**

Date, time & venue of opening of tender : **09.08.2018, 3.00 PM**

Regional Agricultural Research Station, Ambalavayal, Wayanad

List of equipments & machinery with specifications			
Sl.No	Items	No	Specification
1	Laminar air flow chamber	1 No each	<p>A)</p> <ol style="list-style-type: none"> 1. Horizontal 2. 220/230V, 50Hz Capacity 3. Complete with HEPA Filters, UV Tube, Motor Blower, Manometer 4. Gas cock and acrylic doors 5. Basic unit with stainless steel top-size 2ft x 2ft <p>B)</p> <ol style="list-style-type: none"> 1. Horizontal 2. 220/230V, 50Hz Capacity 3. Complete with HEPA Filters, UV Tube, Motor Blower, Manometer 4. Gas cock and acrylic doors 5. Basic unit with stainless steel top-size 3ft x 2ft.

2.	Autoclave	1 No each	<p>A)</p> <ol style="list-style-type: none"> 1. Double walled autoclave –vertical 2. Size 14 inch x 22 inch size 3. 35 litre capacity 4. Digital temperature controller cum indicator 5. Automatic water level cut-off system 6. Digital timer <p>B)</p> <ol style="list-style-type: none"> 1. Vertical 2. Size 12inch x 15inch 3. 3.2 K W 4. Digital temperature controller cum indicator 5. Automatic water level cut-off system 6. Digital timer 7. Auto purging and exhaust with solenoid valve
3.	Electronic balance	3 Nos	<ol style="list-style-type: none"> 1. Readability range: 0.001g - 220g , Volts:12 2. Pan Size: 100mm x 100mm, Dimensions(mm): 170W x 240 D x 75H 3. Power Requirement: AC adapter; 90V-264V, 50/ 60Hz Std. 4. Display: LCD/LED
4.	Hot Air Oven	1 No	<ol style="list-style-type: none"> 1. 3 sided heating element 2. 60 x 60 x 60 internal dimensions, 3. 225 litre capacity with 2 SS trays
5.	Air Curtain	1 No	<ol style="list-style-type: none"> 1. Air velocity: 15-22 m/s 2. Air throw: 2-3m 3. Wall mounted 4. 1400 rpm approx
6.	pH meter	4 Nos	<p>A) Pen type - 2 Nos</p> <ol style="list-style-type: none"> 1. Digital display 2. Automatic calibration, and autoclavable <p>B) Analytical - Benchtop pH meter- 2 Nos</p> <ol style="list-style-type: none"> 1. pH range – 0- 14 pH 2. Meter dimensions (mm)- 165(L)x 190(D)x 60(H) 3. Temperature range- 0- 100 deg C 4. Electrode- pH combination electrode with built in temperature sensor.

7.	Digital thermometer and hygrometer	1 No each	<p>A) Micro- Data logger for Temperature and humidity measurement</p> <ol style="list-style-type: none"> 1. Dual Channel with internal temperature and relative humidity sensors 2. Temperature range = -10 to 60 °C 3. Temperature resolution = 0.01°C 4. Relative humidity= 0 to 100% 5. Memory type= Non volatile at least 30 days of storage <p>B) Temperature/Relative Humidity Data Loggers with LCD display</p> <ol style="list-style-type: none"> 1. Range: -30 to +70°C / 0 to 100% RH 2. Indication: Current Readings; Min. Max. Avg Values 3. Case: Sleek, Robust & Tamper-proof with wall mounting provision
8.	Micro pipettes	2 Sets	<p>A pack of six pipettes (0.1–2.5 µL, 0.5–10 µL, 2–20 µL, 10–100 µL, 20–200 µL, 100–1,000 µL)</p> <ol style="list-style-type: none"> 1. Autoclavable
9.	Refrigerator	1No	<ol style="list-style-type: none"> 1. Double Door 2. Bottom freezer 320 litre 3. Ice dispenser type 4. Water Dispenser

Conditions for participating in Tender:-

1. The cost of tender form will be accepted only by **DD drawn in favor of The Associate Director of Research, Regional Agricultural Research Station, Amabalavayal, Wayanad, Kerala 673 593 and payable at State Bank of India, Kolagappara Branch Ambalavayal, (IFS CODE- SBTR0000615) (GST No.: 32AAAGR0087B2ZS)**
2. Tender forms can be downloaded from the KAU website, and should be submitted to the undersigned along with the cost.
3. The envelope containing the tender should be super-scribed as “**Tender for supply of-.....** ” at **RARS, Ambalavayal.**
4. Successful tenderers should execute an agreement in Kerala stamp paper worth **Rs.200/-** as per specimen appended in the tender form. The format of the agreement is also available for reference in the KAU website (<http://www.kau.in/tenders>).
5. **One percent of the value of the tendered work rounded to the nearest rupee has to be remitted as EMD along with the tender.**
6. The rate quoted for each item should be inclusive of all charges, **taxes if any**, F O R Ambalavayal and should be valid for one year w.e.f. the date of tender notice.

7. Period of firmness of the quoted rates/prices should be clearly stated in the offer.
8. There is one Railway Station with in 100 km (Calicut/Kozhikode) and three Road Transport Agencies (KTC, ABT and KRS) Sulthan Bathery, Wayanad within 8 km from Ambalavayal. These are the only facilities for F O R destination at Ambalavayal.
9. Tenders will be received up to **2.30 pm on 09.08.2018**. The tenders received late and without adequate documents will be rejected without any intimation.
10. Tenders will be opened at **3.00 pm on 09.08. 2018** in the presence of the tenders who may be present at that time.
11. If the date fixed for receipt/opening of the tender subsequently declared a holiday, the tender will be received/opened at the same time on the next full working day.
12. **5% of the value of the articles/works ordered for, rounded to the nearest rupee to a minimum of Rs.100/- will have to be remitted as Security Deposit after the tender is accepted. The amount should be remitted by means of DD/Fixed Deposit Receipt/Bank Guarantee drawn in favour of The Associate Director of Research, Regional Agricultural Research Station Ambalavayal, payable at State Bank of India , Kolagappara Branch, Ambalavayal, only.**
13. Institutions under KAU are exempted (registered with DSIR) from payment of customs and excise duty for our procurements and hence prices quoted should be exclusive of these. Prices inclusive of ST and other taxes and installation charges, if any, may be indicated. We shall provide the necessary forms and certificates as required.
14. Payment as per the invoice will be made only after satisfactorily completion of work, as per specifications and satisfactory installation of the item. Tenderer is liable to replace the defective articles/rectify the defective item of work immediately on receipt of intimation. Payment will be made only by Cheque on fulfillment of the contract satisfactorily.
15. The EMD/Security Deposits furnished will be forfeited in case the contract is not fulfilled as per the terms and conditions mentioned in the tender notice and agreement.
16. All other technical and commercial terms and conditions pertaining to the execution of work/installations to Government/Public undertakings as per the code rules in force in Kerala will be applicable in this case also.
17. Further information such as terms and conditions, detailed specifications of the work/installation, cost of tender forms etc. can be had from the office of the **Associate Director of Research, Regional Agricultural Research Station Ambalavayal, during duty hours.**

Sd/-
Associate Director of Research
Regional Agricultural Research Station
Ambalavayal, Wayanad