



COLLEGE OF AGRICULTURE  
AMBALAVAYAL, WAYANAD - 673 593  
KERALA AGRICULTURAL UNIVERSITY  
Phone: 04936 260561, E-mail: coawayanad@kau.in

No: CoA./RARS/40/2021(i)

Dated: 22.02.2021

**TENDER NOTICE**

Tender Number	CoA./RARS/40/2021(i)
Tender Cost	1000/-
GST (18%)	180/-
Date and time for receipt of tender	<b>12.03.2021 at 3.00pm</b>
Last date and time for opening of tender	<b>12.03.2021 at 3.30 pm</b>
Designation and address of officer to whom the quotation is to be addressed	The Dean College of Agriculture, Ambalavayal, Wayanad, Kerala, Pin 673593
Place of supply	Ambalavayal , Wayanad, Kerala ,Pin 673593
Superscription: <b>“Supply of Laboratory Equipments-COA”</b>	

Sealed competitive tenders are invited for the supply and installation of following items specified under schedule I at College of Agriculture , Ambalavayal, Wayanad, Kerala.

**Schedule I : Supply of Laboratory Equipments-COA****Tender Cost: 1180 /- (Including GST)**

<b>Sl. No.</b>	<b>Item and Code</b>	<b>Specifications</b>	<b>Quantity</b>
1	Laboratory refrigerator (CoA/PP/03)	Refrigerator Capacity : 220 litres, temperature ranges from 0° to 10°C (32° to 50°F); freezer temperature ranges from -20° to 0°C (-4° to 32°F). With two adjustable shelves, and 4 door shelves, ABS plastic interior, white enamelled steel exterior. Automatic defrost.	1
2	Laboratory Microwave oven (CoA/PP/04)	Magnetron Effect 780W Effect Range: 20-100% Temperature Range: 25-100°C Temperature Accuracy: +/- 0.5°C within 25-70°C Temperature Variation: +/- 0.4°C at 40°C Balanced effect with 100ml H <sub>2</sub> O load and 100mL H <sub>2</sub> O Sample Timer: 1 sec - 99min 99sec Continuous Run Timer override-works as a count up timer for an indefinite period of time Safety Switch Off At 105°C chamber temperature. Measurements (Inner): 345 x 350 x 225mm Outer Dimensions: 600 x 470 x 530mm	1
3	Digital Refractometer (0-60%) (CoA/HT/01)	Range: Brix: 0.0 to 60.0% Resolution: 0.1% Accuracy: ±0.1% Temperature compensation: 10 to 40°C Power Supply: 006P dry battery (9V)	1
4	Digital Refractometer (45.0%-90.0%) (CoA/HT/02)	Range: Brix: 45.0 to 90.0% Resolution: 0.1% Accuracy: ±0.1% Temperature compensation: 10 to 40°C Power Supply: 006P dry battery (9V)	1
5	Tray Drier (RARS/JK/01)	Material of construction: Stainless steel Total power supply: 230v/50Hz Heaters: 1500Watts Fan motors: 560Watts Other equipments: 100Watts Total power: 2160W Trays: 14 Trays Temperature: 20-70°C Tray dimension: 64''×26''×55'' (LBH)	1

		Tray dimension: 27''×20×1'' (LBH) Weight: 150Kg	
6	Agricultural soil sampling tool(Soil Auger)- Tube type (CoA/AT/01)	(2.5cm dia, 40cm long with 30cm vertical slit complete with handle) Accessories: a. Extension rod 50cm long with screw type fitting b. Wrench (one pair) c. Nylon headed shock absorbing hammer	2
7	Soil auger (Screw type) (CoA/SS/01)	Agricultural soil sampling tool, screw type one metre long with handle with accessories like extension rod and wrench	1
8	Digestion chamber (Fume hood chamber) (RARS/SWF/04)	Thick wooden board fabricated, outer surface is finished with laminated mica and surface is FRP coated, designed so as to throw out all toxic/harmful vapours, thus protecting costly instruments and the person working in the lab. The working table is covered with FRP should be provided with power points and fluorescent tube light. The exhaust system consists of a dynamically balanced FRP coated impeller coupled with heavy duty motor. The front door moves vertically up and down with concealed counter balanced weight arrangement. Workable on single Phase 220/230V or three phase 415V AC 50Hz Complete with blower, gascock, sink, DOL starter LT/LK, PVC ducting up to 2 meter The exhaust system should be 1.5HP high rpm motor with centrifugal in-built blower Working space 3 Feet Fume hood should be comes with with bottom table	1
9	Sieve (CoA/SS/02)	0.2mm Sieve	1
10	Sieve set for extraction of nematodes (CoA/AE/01)	20 mesh Sieve (833 - µm aperture) 60 mesh Sieve (246 - µm aperture) 200 mesh Sieve (74 - µm aperture) 325 mesh Sieve (43 - µm aperture) Coarse Sieve (1 cm aperture)	1
11	Vacuum / Pressure pump (CoA/MB/02)	Powder coated die cast Aluminum body and pump head; Neoprene Diaphragm with Teflon cover, Internal Pump Head Surfaces should be Teflon coated and Leaf Valves are of High-grade Stainless	1

		Steel. The power source is 1/3 HP, 220V / 50 Hz Motor, 3-pronged (grounded) cord and plug. 1/8” BSP inlet and outlet hose connectors	
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### **Terms and conditions**

#### **1. Tender form**

The tender form may be downloaded from the following link in the internet [www.kau.in/tenders](http://www.kau.in/tenders)

2. **Cost of tender form** will be accepted by way of separate DD in favour of Dean, College of Agriculture, Ambalavayal , Pin – 673593
3. **Earnest Money Deposit:** An EMD(1% of the amount quoted ) should be remitted by separate DD drawn in favour of Dean, College of Agriculture, Ambalavayal Pin – 673593
4. The tender should be accompanied by a duly signed agreement in Kerala stamp paper worth Rs. 200/- (Rupees Two hundred only) in the format that can be downloaded from the website [www.kau.in/tenders](http://www.kau.in/tenders)
5. The sealed cover containing the tender documents should be superscribed as “Tender for supply of Laboratory Equipments COA” at College of Agriculture, Ambalavayal”. **The cover should contain the DDs for Tender cost, EMD and the Agreement as mentioned above.**
6. The successful bidder should execute an agreement in Kerala Stamp paper worth Rs. 200/- (Rupees Two hundred only) and furnish a security deposit of 5% of cost of the rate quoted in the form of term deposit/bank guarantee/demand draft drawn in favour of Dean, College of Agriculture, Ambalavayal, Pin – 673593, Wayanad District payable at the State Bank of India, Kolagappara (IFSC: SBIN0070615), when directed from this office.
7. The rate quoted, tax and other charges if any should be separately stated.
8. The Dean has the right to accept or reject any or all of the offers without assigning any reason.
9. The successful bidder should supply the items within 10 days from the date of receipt of supply order.
10. If any hartal/strike/any unexpected holiday occurs on the date of opening of tender, the tender will be opened at the same time on the next working day
11. All the rules and regulation applicable to Government tender will be applicable to this tender also.
12. Period of firmness of the quoted prices should be clearly stated in the offer.
13. Firms which are exempted from payment of EMD should furnish copy of the currently valid certificates from store purchase Department , Govt. of Kerala

**Special Conditions:**

1. Tender insisting payment in advance either full or part for releasing the documents through bank are liable for rejection.
2. Leaflets/brochures containing specification/ technical features on the different models of the items quoted should be attached with the tender.
3. In the case of electrically operated equipment, the circuit diagram will have to be supplied.
4. Payment will be made after satisfactory installation and demonstration of the equipment.
5. Operation manual and guarantee cards of the equipment's wherever required should be supplied along with equipment.
6. The supplier should attach the client list for the equipment's along with their performance certificate, spare parts availability and service facilities at or nearest to the station.
7. Details of warranty offered should be clearly stated in the tender. Details of maintenance service contract offered after expiry of normal warranty and after-sales service facilities available should be indicated.
8. Evidence of exclusive/authorised distributorship from foreign principals should be provided along with the offers for overseas products.
9. The under signed reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
10. Complete deduction or reduction in number of any equipment listed, if necessary, at the time of purchase without assigning any reason will be at the discretion of the Dean.
11. The decision of the under signed in finalizing the tender shall be final and binding.

\*Enquiries if any may be mailed to [coawayanad@kau.in](mailto:coawayanad@kau.in) or contact 04936-260421.

Sd/-  
Dr. K. Ajith Kumar  
Dean

