

KERALA AGRICULTURAL UNIVERSITY
COLLEGE OF AGRICULTURE, VELLAYANI, THIRUVANANTHAPURAM

No. PP/40/2022

Dated: 3.3.2023

TENDER NOTICE

Sealed tenders are invited from competent firms for the supply of “**Stainless Steel Horizontal Cylindrical High-Pressure Sterilizer/ Autoclave**” at RARS(SZ), Vellayani with specifications as detailed below. The tender will be accepted upto 2.00 PM on 18.3.2023. The tenders received after the stipulated time will not be considered at any circumstances. The received tenders will be opened at 3.00 PM on the same day. More information regarding the tender can be obtained from this office (Phone.No: 9895839660) during office hours. The details, tender form, format of agreements etc can be downloaded from the KAU website www.kau.edu/tenders.

Sl. No	Item/Specification	Qty
1.	<ul style="list-style-type: none">• With double wall construction with inner and outer carriers 'made of corrosion resistant stainless steel 304/306 with a capacity of 135-140L• Chamber size: 400mm x 1100mm (16"x 44")• Outer jacket made up of stainless steel 304• Inner jacket made up of stainless steel 316• Pressure locking type safety hinged door with silicon gasket• Operating temperature $121 \pm 3^{\circ}\text{C}$• Temperature accuracy $\pm 0.5^{\circ}\text{C}$ at 120°C• With temperature calibration function & high temperature and pressure resistant silicon gasket• Should be electrically heated by means of ISI quality immersion heaters with working pressure 15-20 PSI.• Provided with shooting bolt.• Steam generators and piping made of Stainless Steel 304• Sheets to be argon welded ground and polished and to be of service free internal.• Multi-port operating valve; off, slow exhaust, vacuum dry, sterilization and fast exhaust• Mounted on rigid tabular stand• Provided with safety feature – Safety valve, vacuum beaker, self-sterilizing vacuum drier, temperature and pressure gauge, air filter, steam generator safety	1 no

	<p>valve, water level sensor, one manual exhaust valve, quick release coupling and handle with heater cover and contractor</p> <ul style="list-style-type: none"> • Automatic Pressure Control Switch- To cut-off the current from the heating elements, when the desired/ set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level. • Automatic Water Cut-off Device – To protect the heaters from running dry and to ensure that the machine is automatically switched off in case the desired water level falls below the prescribed level. • Temperature Indicator to indicate the temperature inside the chamber • Should have CE certified built in analogue pressure gauge with 0-400 psi for indicating actual pressure • SS perforated chamber bottom tray • The door cannot unlock until chamber pressure reaches room temperature • Low water level heater cut off and alarm • Provide ISO 13485, IEC 60601 or equivalent BIS certificate <p>• Should be compliant with IEC 61010-1, IEC 61010-2- 40 and Chamber design tested as per ASME guideline for safety</p> <p>Condition No. 1. Warranty minimum 3 years for the entire unit and minimum 3 years Annual maintenance contract with spares/equivalent and should be provided free of cost for the electrical/electronic goods</p> <p>Condition No. 2. Amount should be inclusive of transportation charges, taxes, installation and necessary electrification charges if needed Please note that bids that fulfils the CONDITION NO. 1 and 2 will only be considered.</p>	
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Cost of Tender Forms:-

0.2 % of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs. 400/- and maximum of Rs. 1500 + GST 18%

Last date of receipt of Tender – 18.3.2023; 2.00 PM

Date and time of opening tender- 18.3.2023, 3.00 PM

Period of Firmness of rates quoted – upto March 31, 2023

Terms and Conditions:-

1. Tender should be submitted in the prescribed forms which can be downloaded from the website www.kau.edu/tenders. The cost of tender forms will not be refunded under any circumstances.

2. The sealed cover containing the tender should be superscribed “**Tender for supply and installation of Stainless Steel Horizontal Cylindrical High-Pressure Sterilizer/ Autoclave**” at AICRP on Mushrooms, Dept. of Plant Pathology addressed to the Associate Director of Research, RARS(SZ), Vellayani, Thiruvananthapuram-695522.
3. Each tender should be accompanied by tender fee + GST and an Earnest Money Deposit (EMD) @ 1% of the total rupee equivalent cost of the quoted items by way of two crossed Demand Drafts separately (1. Tender fee 2. EMD) drawn in favour of the Associate Director of Research, RARS(SZ) , Vellayani, Thiruvananthapuram 695522 payable at SBI, Vellayani, Trivandrum. Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms which are exempted from payment of EMD should furnish copy of relevant valid certificate.
4. The tender should be accompanied by an agreement in Kerala Stamp paper worth Rs. 200/- (Rupees Two hundred only) and tender forms. The format of the forms can be downloaded from the above website. Each and every pages of the tender form should be attested.
5. The successful tenderer should execute an agreement in Kerala Stamp paper worth Rs. 200/- (Rupees Two hundred only) and should furnish a security deposit of 5% of the cost of the items quoted in the form of demand draft/ bank guarantee/ demand draft /term deposit in favour of Associate Director of Research, RARS(SZ) , Vellayani, Thiruvananthapuram 695522 payable at SBI, Vellayani, Trivandrum when directed from this office. The format of the agreement can be downloaded from the above website.
6. The cost of the item quoted should be inclusive of all taxes and charges, tax and other charges including AMC charge. All charges should be stated separately.
7. The exact specification, details of make, model, name of manufacturer, Warranty & AMC details etc., of the item must be clearly specified.
8. If any Bandh/Strike/ any unexpected holidays occur on the date of opening of tender, the tender will be opened at the same time on the next working day. The decision of the undersigned in accepting the tenders shall be final and binding.
9. The supply order will be issued on the acceptance of the tender and the invoice should be addressed to The Associate Director of Research, RARS(SZ), Vellayani, Thiruvananthapuram-695522. The payment will be effected only after satisfactory supply of the item.

10. The successful tenderer should supply the item to Department of Plant Pathology, College of Agriculture, Vellayani, Thiruvananthapuram-695522 within 2 weeks from the date of the receipt of the supply order.
11. The Associate Director of Research, RARS(SZ) , Vellayani, Thiruvananthapuram has the right to accept or reject any or all of the offers without assigning any reason.
12. All the rules and regulations applicable to the Government tenders as per store purchase manual of Government of Kerala will be applicable to this tender also.
13. Withdrawal from the tender after having accepted or failure to supply within specified time or according to specifications will entail cancellation of the order and attract legal procedures as per agreement.
14. All subsequent Government orders connected to tenders and any revision in the rate of taxes would also be applicable to this tender.



Dr. Heera G.
Assistant Professor & PI
Dept. of Plant Pathology
College of Agriculture, Vellayani

To,

Website (www.kau.edu/tenders)

Copy to: 1. Notice Board College Office,

2. RARS(SZ), Office

3. KAU Website(www.kau.in>tenders)