

**KERALA AGRICULTURAL UNIVERSITY**  
**COLLEGE OF AGRICULTURE, VELLAYANI, THIRUVANANTHAPURAM**

**Mic /PhD/APM/RF /24**

**Dated:08-01-2026**

**TENDER NOTICE**

Sealed tenders are invited from competent firms for the supply of “Fully Automatic Vertical Autoclave” under Revolving Fund – “PhD Programme in Applied Microbiology” , Dept of Agrl. Microbiology, College of Agriculture, Vellayani with specifications as detailed below. The tender will be accepted upto 1.30 PM on 22-01-2026. The tenders received after the stipulated time will not be considered under any circumstances. The received tenders will be opened at 2.30 PM on the same day. More information regarding the tender can be obtained from this office (Phone. No: 9400329295) office hours. The details, tender form, format of agreement etc. can be downloaded from the KAU website [www.kau.edu/tenders](http://www.kau.edu/tenders).

Sl.No	Item/Specification	Qty
1.	<p style="text-align: center;"><b><u>FULLY AUTOMATIC VERTICAL AUTOCLAVE</u></b></p> <ul style="list-style-type: none"><li>• Capacity: 110 Ltr minimum</li><li>• Power Supply: 230V <math>\pm</math>10%, 50 Hz, Single Phase, Maximum power consumption 3 KW</li><li>• Chamber -Double walled; inner wall made of high-quality stainless steel (SS 304 or 316)</li><li>• Outer Body: Epoxy/powder-coated steel or stainless steel</li><li>• Sterilization tray - SS 304 wire mesh carriers; minimum 2 tiers</li><li>• High-density insulation material</li><li>• Lid –S.S. plate with lever locking mechanism, other components(SS 304), temperature and pressure resistant silicon gasket</li><li>• Operating temperature: 121<math>\pm</math>3°C with accuracy of <math>\pm</math>0.5°C at 120°C</li><li>• Temperature calibration function</li><li>• Immersion heater of I.S.I. quality</li><li>• PID controller with temperature cum timer display and 0.10 resolution</li><li>• Built in analog pressure gauge with 0-30 psi</li><li>• Outlet valve for cleaning</li><li>• Certified manual exhaust valve and safety valve</li><li>• With quick release coupling or better and handle with heater</li></ul>	1 no

	<p>cover stand</p> <ul style="list-style-type: none"> <li>• Auto purging &amp; exhaust solenoid valves</li> <li>• Automatic water level indicator and independent safety for over heating- Low water level heater cut off with audio visual alarm</li> <li>• Backlit LCD display for all information including process and set value</li> <li>• Adjustable sterilization timer, digital or analog, with auto-shutoff feature</li> <li>• MCB for over current cut off</li> <li>• End of cycle buzzer</li> <li>• Minimum 3 years warranty for the entire unit</li> </ul> <p><b>Compliance Standards</b></p> <p>The equipment must conform to international safety standards and certifications:</p> <ul style="list-style-type: none"> <li>• CE Marking</li> <li>• ISO 9001 Certification</li> <li>• ISO 13485 (for medical equipment, if applicable)</li> <li>• Should be compliant with IEC 61010-1, IEC 61010-2-40 and Chamber design tested as per ASME guide line for safety</li> <li>• Manufacturer should provide BIS license</li> </ul> <p><b>Installation and Commissioning</b></p> <ul style="list-style-type: none"> <li>• <b>Installation:</b> Supplier must provide installation at the site, including all electrical and water connections, testing, and demonstration.</li> <li>• <b>Training:</b> Supplier must provide basic operation and maintenance training for the staff after installation.</li> <li>• <b>Commissioning:</b> The autoclave must be fully functional and tested, with all specifications verified during installation.</li> </ul>	
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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 - 22-01-2026, 1.30 PM**

**Date and time of opening tender- 22-01-2026, 2.30 PM**

**Period of Firmness of rates quoted – 60 days**

### **Terms and Conditions:-**

1. Tender should be submitted in the prescribed forms which can be downloaded from the website [www.kau.edu/tenders](http://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 Vertical Autoclave at Dept of Agricultural Microbiology addressed to the The Dean of Faculty, College of Agriculture, 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 The Dean of Faculty, College of Agriculture, Vellayani, Thiruvananthapuram 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 tenders 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 The Dean of Faculty, College of Agriculture, Vellayani, Thiruvananthapuram 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 should be stated separately.
7. The exact specification, details of made, model, name of manufacturer. Warranty details( minimum 1 year) 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 Dean of Faculty, College of Agriculture, Vellayani, Thiruvananthapuram. The payment will be effected only after satisfactory supply of the item.
10. The successful tenderer should supply the item to Department of Agricultural Microbiology, College of Agriculture, Vellayani, Thiruvananthapuram-695522 within 3 weeks from the date of the receipt of the supply order.
11. The Dean of Faculty, College of Agriculture, 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.



To,

Website([www.kau.edu/tenders](http://www.kau.edu/tenders))

Copy to : 1. Notice Board College Office,

3. KAU Website([www.kau.in>tenders](http://www.kau.in>tenders))

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