

**KANNUR UNIVERSITY**  
THAVAKKARA, CIVIL STATION P.O  
KANNUR, KERALA - 670002  
**(ANRF-II/PMU D SECTION)**

Tel:04972715243, e-mail: registrar@kannuruniv.ac.in

**NOTICE INVITING E-TENDER**

The Registrar, Kannur University invites e-tender(s) in **Two Bid System (Two cover)** for the **Supply, Installation, Testing and Commissioning of Vacuum/Inert Atmospheric Tubular Furnace 1600°C** at the Dept. of Chemistry, Swami Anandatheertha Campus, Payyannur (under ANRF - PAIR Scheme) from original equipment manufacturers (OEMs) or authorized distributors/dealers as per the technical specifications and schedule given below. The rate quoted should be inclusive of all taxes, installation charges and other charges. The Registrar, Kannur University reserves the right to accept or reject the tenders without assigning any reason thereof. The list of equipment/accessories proposed to be purchased, including its quantity and specifications are furnished in the schedule of items given below. Since this is an e-tender, only those bidders who have enrolled in the <http://etenders.kerala.gov.in> portal with their own Digital Signature Certificate (DSC) can participate in the tender. E-Tender document and other details can be obtained from the above e-portal.

**TENDER SCHEDULE**

Tender ID	2026_KnrU_830968
Name of work	Supply, Installation, Testing and Commissioning of <b>Vacuum/Inert Atmospheric Tubular Furnace 1600°C</b>
Last date and time for online submission of e - Tender	20/02/2026, 11 AM
Date and time of opening tender	21/02/2026, 3 PM
<b>EMD</b>	<b>11,269/-</b>
<b>Tender fee (excluding GST)</b>	<b>1700/-</b>
<b>Performance Security</b>	5% Value of Contract
Place of supply and installation	Department of Chemistry, Swami Ananda Theertha Campus, Payyannur, Kannur, Kerala - 670327

For further details logon to <http://etenders.kerala.gov.in>.

e-Tender Helpline No: 0471-2577388/188

**NAME & SPECIFICATION OF INSTRUMENTS**



**Vacuum/Inert Atmospheric Tubular Furnace 1600°C**

**Quantity : 1**

<b>SPECIFICATION:</b>	
<b>Parameter</b>	<b>Specification</b>
Type of Furnace	Horizontal Tubular Type.
Hot Zone Dimension	50mm ID x 200mm Long.
Specimen Holding Tube	99% pure High Alumina Recrystallized Tube.
Alumina Tube Dimension	50mm ID x 60mm OD x 1000mm Long.
Operating Temperature	1600°C
Heating Element	Molybdenum – di – Silicide.
The Average Rate Heating	5°C/Min up to 1000°C
	3°C/Min up to 1200°C
	2°C/Min up to 1600°C
Temperature Sensor	R type Thermocouple.
Accuracy	+/- 2°C.
Temperature Controller	Programmable PID Controller.
	1 Program X 8 Steps.
Power Controller	Phase Angle Fired Thyristor.
Inner Chamber	The complete inner chamber is lined using high density, high temperature resistant, high alumina content vacuum formed boards suitably backed up using low thermal mass, high duty, high temperature resistant Zirconia blended Alumina content Ceramic Fiber Blankets.
Outer Chamber	Mild Steel duly painted and mounted on the stand structure under which houses the Air-Cooled Transformer, to feed the appropriate voltage to the heating elements. The structural work will be finished in heat resistant paint.
Operating Phase	3 Ph.
Motorized Fan	Forced Air Circulation for Transformer.
Voltage Rating	400 – 415 V.
Current Rating	25 Amps.
Power Rating	5 kW.
<b>Accessories in Control Panel</b>	
Switch Gears	Quality gears from reputed companies.
Load Voltage	Analogue Voltmeter
Load Current	Analogue Ammeter.
Power Control	Phase Angle Fired Thyristor.
Adequate length of Cables	2 meters of all interconnecting cables will be provided.



<b>Safety Features</b>	
High Current	Slow Blow Fuse.
Over Temperature	User settable value.
Over Current	Limit set internally as Factory default for safe guarding heating elements from Inrush current.
<b>Inert Gas Provision</b>	
Flanges	Water-cooled Stainless-Steel flanges for Gas Purging and High Vacuum,
Port and Valve	¼” port for gas purging with ball valves and a vacuum gauge.
O Ring	Silicon O Ring.
<b>Vacuum Pump</b>	
Type of Pump	Double Stage Rotary Vacuum Pump.
Application	Basic evacuation at room temperature. Pump can be run intermittently for maintaining required vacuum at elevated temperatures.
Capacity	120 Liters.
Gauge	Pirani gauge.
Vacuum Level	10 <sup>-3</sup> Bar at Room Temperature
<b>Chilled Water Circulator</b>	
Tank Capacity	10 liters.
Tank MOC	Rust free Stainless Steel.
Compressor	Hermitically sealed compressor of rated capacity.
Motor	Suitable HP motor for ensuring proper circulation of water through the flanges.
Sensor	Integrated in the tank.
Controller	Digital indicating On/Off Control.
Warranty	<b>A Two-year OEM brand warranty on all components and subcomponents should be provided. Dealer and distributor warranties will not be accepted</b>

### GENERAL TERMS AND CONDITIONS

1. The tender should be submitted in two cover system (Technical bid & Financial bid)
2. Prices shall be quoted in Indian currency only.
3. Tender fee and EMD should be remitted through SBI MOPS as indicated in the e-Tender website. **All payments including EMD should be made through online but 18% GST of Tender fee should be remitted to GST Department directly.** The bidder shall be solely responsible for the payment of GST. The



University holds no responsibility or liability in this matter.

Sl No	Name of Equipment	Tender Fee Excluding GST	GST (18%)	EMD
1	<b>Vacuum/Inert Atmospheric Tubular Furnace 1600°C</b>	1700/-	306/-	11,269/-

4. *All the MSMEs with Udyog Aadhar Registration or any other body specified by the Ministry of Micro, Small and Medium Enterprises working within the state of Kerala will be exempted from the payment of Tender fee and EMD. Under MSME category, only manufactures for Goods and Service Providers for Services are eligible for EMD/Tender fee exemption.*
5. Custom Clearance of the consignment including all the stages of custom clearance will be under the purview of supplier.
6. The successful bidder shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to 5 % of the value of the contract by way of Demand Draft drawn in favour of the Finance Officer, Kannur University payable at SBI Kannur Branch or Kannur Branch of other Nationalized or Scheduled bank, as performance security for the satisfactory fulfilment of the contract.
7. The bidder should be registered company/firm. Certificate of incorporation/Company registration certificate/Memorandum and Articles of Associations/Valid GST registration certificate/Valid Income tax registration certificate/Valid Service tax registration certificate should uploaded / submitted along with the tender.
8. The bidders shall keep their rate firm for a period of 180 days.
9. Profile of Bidder as per Annexure 1 shall be provided.
10. The bidder should have the responsibility to attend the first level service if any complaint report. The bidder should provide minimum one preventive maintenance during warranty period. Relevant documents or undertaking signed by the personnel with address and contact person's name, phone no, and URL of complaint logging website to be submitted in case, if the bidder doesn't have their own service centre in Kerala and the bidder authorize another service centre/service engineers for attending service.
11. The earnest money deposit (EMD) of the unsuccessful bidders will be returned through ONLINE Transaction and the EMD of successful bidders will be discharged upon the bidder executing the contract and furnishing the security deposit that will have to be deposited for the satisfactory fulfilment of the contract.
12. Forfeiture of EMD:
  - (i) If any bidder withdraws from his tender before the expiry of the bid validity period specified **or**
  - (ii) in case after being successful bidder, he/firm fails to sign the contract, and to furnish the performance security.
13. The bid shall contain detailed technical specifications, Brochures and pamphlets of the item/items quoted.
14. All the claimed specifications (make, model, year of manufacture, warranty etc.) should be mentioned in the Brochure or Catalogue of the equipment.



15. All charges, taxes, duties and levies should be clearly indicated and the rate tendered should be inclusive of all taxes and other charges.
16. The installation, commissioning and the initial operation will be the responsibility of the supplier.
17. In case of under performance during the warranty period, the item should be replaced and the period of warranty will recommence from the date of replacement.
18. The payment will be made after completion of supply, installation and commissioning.
19. The final acceptance of the tenders rests entirely with the Kannur University who do not bind themselves to accept the lowest or any tender.
20. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful bidder shall also execute an agreement for the due fulfilment of the contract within the period to be specified in the letter of acceptance. In cases where a successful bidder, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Registrar, be purchased by means of another tender/quotation or by negotiation or from the next higher bidder who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards damages be recovered from the defaulting bidder.
21. The bidder shall undertake to supply materials according to the standard sample and /or specifications.
22. No representation for enhancement of rates once accepted will be considered.
23. The prices quoted should be inclusive of all taxes, duties, cess etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.
24. Special conditions, if any, of the bidders attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.
25. The bidder should upload along with his tender an agreement executed and signed in Kerala Stamp Paper of value Rs.200/- purchased in Kerala State. Tenders without the agreement in stamped paper will be rejected outright. But in deserving cases where agreement has not been received, the Registrar may exercise his discretion and call upon such bidder to execute the agreement within a period of ten days from the date of issue of such intimation, if the Registrar is satisfied that the omission to forward the agreement along with the tender was due to causes beyond the control of the bidder and was not due to any negligence on his part. Agreement received from a bidder after the above time limit will not be considered. [Format of agreement appended].
26. The bidder shall quote their rate in the standard BOQ provided, indicating the break up details.
27. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.
28. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.
29. The bids shall be opened online at Kannur University on the date mentioned in Invitation Bid. If the date fixed for opening happens to be a holiday/due to net failure/ due to technical issue, the tenders will be opened on the next working day, at the same time.
30. Bidders must not be blacklisted by any Government or Public Sector Undertaking (PSU).

**GSTNo.ofKannuruniversity:32AAAGK0152J1ZT**

**DOCUMENTSTOBESCANNEDANDUPLOADED**

1. Bidder Profile(as per format mentioned in Annexure1)



2. Scanned copy of valid registration certificate(GST) & PAN Card
3. Scanned copy of Preliminary Agreement in **Kerala Stamp Paper of Rs.200/-**(as per format mentioned in Annexure 2)
4. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO Certification
5. Valid authorization certificate from OEM (in case of resellers)
6. Warranty certificate/details
7. Details of active/functioning Service Centres in Kerala/nearby regions
8. Details of previous installations.

Sd/-  
Prof. (Dr.) Joby K Jose  
Registrar



**ANNEXURE1**  
**BIDDERPROFILE**

Sl. No.	Particulars	
<b>Details of bidder(Firm/Company)</b>		
1	Name	
2	Address	
3	Mobile Number	
4	Email & website	
<b>Details of Authorized Person</b>		
5	Name	
6	Address	
7	Telephone &Email	
<b>Information about the company</b>		
8	Status of Company (Public Ltd./Pvt. Ltd)	
9	Details of Registration of Firm (Provide Ref.)	
10	Number of Professionals	
11	Location and address of offices (in India & overseas)	
12	Service Tax Registration Number	
13	Income Tax Registration Number (PAN)	
14	GST Registration Number	

Signature of the Bidder



**ANNEXURE-2**  
**Preliminary Agreement**

Articles of agreement executed on this the ..... day  
of.....  
.....between the Registrar, Kannur University (hereinafter referred to as “the  
University”) of the one part and Shri .....  
..... (H.E. name and address of the tenderer) (hereinafter referred  
to as “the bounden”) of the other part.

Whereas in response to the Notification No..... dated ..... the bounden has submitted to the  
University a tender for the .....  
Specification therein subject to the terms and conditions contained in the said tender;  
Whereas the bounden has also deposited with the University a sum of Rs..... as earnest money  
for execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by  
the University.

NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the University and the contract for is  
awarded to the bounden, the bounden shall within.....days of acceptance of his tender execute an  
agreement with the University incorporating all the terms and conditions under which the University  
accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions  
governing the contract, the University shall have power and authority to recover from the bounden any  
loss or damage caused to the University by such breach as may be determined by the University by  
appropriating the earnest money deposited by the bounden if the earnest money is found to be  
inadequate the deficit amount may be recovered from the bounden his properties movable and  
immovable in the manner hereinafter contained.
3. All sums found due to the University under or by virtue of this agreement shall be recoverable from the  
bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act  
for the time being in force as though such sums are arrears of land revenue and in such other manner as  
the University may deem fit.

In witness where of Shri ..... (name and designation) for and on behalf of the  
University and Shri.....(the Bounden) have hereunto set their hands on the day and year  
shown against their respective signatures.

**Signed by Shri.....(date).....**

**In the presence of witnesses:**

1. ....
2. ....





