

KANNUR UNIVERSITY
THAVAKKARA, CIVIL STATION P.O.,
KANNUR, KERALA - 670002

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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 **Muffle Furnace (1000 C)** at the **Department of Chemistry**, Swami Ananda Theertha Campus, Payyannur, Kannur (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

E-tender I D	2026_KnrU_830861
Description of Work	Supply, Installation, Testing and Commissioning of <i>Muffle Furnace (1000 C)</i>
Last date and time for online submission of bid	20.02.2026, 11.00 AM
Date and time of bid opening	21.02.2026, 3.00 PM
Tender fee (Excluding GST)	₹1,300
Earnest Money Deposit (EMD)	₹6,431
Performance Security	5 % of Value of Contract
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.	
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>

SPECIFICATION OF THE EQUIPMENT

Sl No.	Name of the equipment	Required quantity
1	<i>Muffle Furnace (1000 C)</i>	1

Type of Furnace	Horizontal Muffle type. Table top model.
Working Chamber Dimension	150mm W X 150mm Ht. X 300mm Depth.
MOC of Chamber	Inconel grade alloy to stand temperature.
Chamber dimensions	To accommodate Inconel retort comfortably.
Operating Temperature	1000 ⁰ C.
Heating Element	A1 Grade Kanthal Heating Elements.
Temperature Sensor	K type Thermocouple for controls positioned outside the retort.
Accuracy	+/- 2 ⁰ C.
Temperature Controller	μP based Programmable PID (1 Program X 9 Steps).
Power Controller	Solid State Thyristor.
Retort Design	High Temperature resistant Inconel grade material will be used for the retort with Stainless-steel 304 grade flange plates and water-cooling part. The retort will extend beyond the front of the furnace, where water cooled flange plate will ensure safety of Silicon O Ring.
Retort Door	Hinged type, be made of Inconel, with provision for Vacuum port, thermowell, gas inlet and exhaust, with required valves.
Insulation	Inner hot zone as well as backup insulation is done using high temperature resistant zirconia blended alumina content ceramic fiber blanket.
Outer Chamber	Mild Steel duly painted.
Operating Phase	1 Ph.
Voltage Rating	230 V.
Current Rating	32 Amps.
Power Rating	6.0 kW.
Accessories in Control Panel	
Switch Gears	Quality gears from reputed companies.
Power Control	Solid State Thyristor.
Adequate length of Cables	2 meters of all interconnecting cables will be provided.
Safety Features	



High Current	Slow Blow Fuse.
Over Temperature	User settable value.

Chilled Water Circulator	
Tank Capacity	50 litres.
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.
Vacuum Pump	
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	Approximately 100 Liters.
Gauge	Pirani gauge.

Warranty required: Minimum 2 (Two) Years

Terms and Conditions

1. The tender fee and EMD should be remitted online (SBI MOPS), as indicated on the e-tender website.
The 18% GST on the tender fee must be remitted directly to the GST department by the bidder.

Sl. No	Equipment	Tender Fee in Rupees (₹)			EMD (₹)
		Excluding GST	GST (18 %)	Total	
1	Muffle Furnace (1000 C)	1300	234	1534	6431

2. 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.**
3. Custom Clearance of the consignment including all the stages of custom clearance will be under the purview of supplier.
4. The tender should be submitted in two cover system (Technical bid & Financial bid).
5. 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.



6. 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 be uploaded/submitted along with the tender.

7. The bidders shall keep their rate firm for a period of **120 days**.

8. Profile of Bidder as per Annexure 1 shall be provided.

9. 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.

10. 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.

11. 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.

12. The bid shall contain detailed technical specifications, Brochures and pamphlets of the item/items quoted.

13. All the claimed specifications (make, model, year of manufacture, warranty etc.) should be mentioned in the Brochure or Catalogue of the equipment.

14. All charges, taxes, duties and levies should be clearly indicated and the rate tendered should be inclusive of all taxes and other charges.

15. The installation, commissioning and the initial operation will be the responsibility of the supplier.

16. 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.

17. The payment will be made after completion of supply, installation and commissioning.

18. The final acceptance of the tenders rests entirely with the Kannur University who do not bind themselves to accept the lowest or any tender.

19. 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.

20. The bidder shall undertake to supply materials according to the standard sample and /or specifications.

21. No representation for enhancement of rates once accepted will be considered.

22. 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.

23. 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.

24. The bidder shall quote their rate in the standard BOQ provided, indicating the break up details.



25. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.
26. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.
27. 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.
28. Prices shall be quoted in Indian currency only.
29. Bidders must not be blacklisted by any Government or Public Sector Undertaking (PSU).
30. The bidder/OEM must have completed minimum of **10 (Ten) such** installations in any Government Organization/ Public Sector Undertakings/ Educational Institutions in India within **last 3 years**.
31. Spare/ accessory support for a minimum period of **10 (Ten) years** should be provided by the supplier.

GST No. of Kannur university : 32AAAGK0152J1ZT

DOCUMENTS TO BE SCANNED AND UPLOADED

1. Bidder Profile (as per format mentioned in Annexure 1)
2. Bid Particulars (as per format mentioned in Annexure 2)
3. Scanned copy of valid registration certificate (GST) & PAN Card
4. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO certification.
5. MSME Firms - Upload MSME certificate/ UDYAM registration certificates
6. Manufacturer Certificate/ Valid authorization certificate from OEM (in case of resellers)
7. Warranty Declaration/Details
8. Details of Service Centres in India
9. Non blacklisting declaration by the bidder
10. Details of previous **ten installations** in India by the bidder/ OEM within last **three years**.
11. Declaration regarding Spare/Accessory Support (**10 Years**)
12. Other certificates/declarations iof any

Sd /-

Prof. (Dr.) Joby K Jose
Registrar



ANNEXURE 1
BIDDER PROFILE

Sl.No.	Particulars	
Details of bidder (Firm/Company)		
1	Name	
2	address	
3	Telephone & Mobile Number	
4	Email & website	
Details of Authorized Person		
5	Name	
6	Address	
7	Telephone & Email	
Information about the company		
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/ Seal



ANNEXURE 2

TECHNICAL BID (BID PARTICULARS)

1. Tender Number :-----
 2. Name of the Bidder :-----
 3. Full Address of the Bidder :-----
 4. Name of the actual signatory of the product(s) offered :-----
 5. Bidder's proposal number and date :-----
 6. Name & Address of the officer to whom all references shall be made regarding the Tender :-----
- Telephone :-----
- Mobile :-----
- E-mail :-----
- Bidder Signature Name -----
- Designation -----
- Company -----
- Date -----

OTHER DOCUMENTS - FORMAT

DECLARATION REGARDING NON-BLACKLISTING

Title of the Tender: *Supply, Installation, Testing and Commissioning of Muffle Furnace (1000 C)*

E-Tender No.: 2026_KnrU_830861

I/We, **M/s** _____,

having registered office at _____,

hereby declare that **our firm has not been blacklisted, debarred, suspended, or banned** by the Government of Kerala, Government of India, any State Government, Central / State Public Sector Undertakings, Autonomous Bodies, Universities, Local Self-Government Institutions, or any other Government organization as on the date of submission of this tender.

I/We further declare that no such proceedings for blacklisting or debarment are pending against our firm as on the date of submission of the bid.



MANUFACTURER CERTIFICATE

(To be issued on Manufacturer's Letterhead)

This is to certify that we, **M/s** _____, having our registered office at _____, are the **manufacturer** of _____ (**name of item/equipment**).

We hereby confirm that the above-mentioned item offered against:

- **Title of the Tender:** *Supply, Installation, Testing and Commissioning of Muffle Furnace (1000 C)*
- **E-Tender No.:** 2026_KnrU_830861
- **Purchasing Authority:** _____

is **manufactured by us** and complies with the specifications, standards, and quality requirements mentioned in the tender document.

OEM AUTHORIZATION CERTIFICATE

(To be submitted on OEM Letter Head)

This is to certify that we, **M/s** _____, having our registered office at _____, are the **Original Equipment Manufacturer (OEM)** of _____ (**name of item/equipment**).

We hereby authorize **M/s** _____, having their office at _____, to participate in the tender mentioned below on our behalf and to quote, supply, install, and provide warranty and after-sales service for our products.

Tender Details:

- **Title of the Tender:** *Supply, Installation, Testing and Commissioning of Muffle Furnace (1000 C)*
- **E-Tender No.:** 2026_KnrU_830861

We further confirm that:

1. The products offered shall be **genuine OEM products** manufactured by us.
2. We shall extend **full warranty/guarantee and after-sales support**, including availability of spares, as per tender conditions.
3. We shall provide technical support and service assistance directly or through our authorized representative during the warranty and AMC period.
4. We undertake responsibility for product performance and compliance with technical specifications.
5. This authorization is valid for the above tender only.



SPARE AVAILABILITY DECLARATION

- **Title of the Tender:** *Supply, Installation, Testing and Commissioning of Muffle Furnace (1000 C)*
- **E-Tender No.:** 2026_KnrU_830861

We, M/s _____, having our registered office at _____, hereby declare that the spares required for the operation, maintenance, and servicing of the _____ (**name of item/equipment**) offered by us against **Tender No.** _____, will be available for a minimum period of **10 (Ten) years** from the date of successful installation/commissioning.

We further certify that:

1. All essential and critical spares shall be supplied at reasonable and competitive prices.
2. The spares will be made available within a reasonable time whenever demanded during the above period.
3. In the event of discontinuation of the model, compatible or equivalent spares will be supplied without affecting performance.
4. We undertake full responsibility for ensuring uninterrupted availability of spares during the declared period.

WARRANTY DECLARATION / CERTIFICATE

- **Title of the Tender:** *Supply, Installation, Testing and Commissioning of Muffle Furnace (1000 C)*
- **E-Tender No.:** 2026_KnrU_830861

M/s _____, having registered office at _____, hereby declare that the items proposed to be supplied under the e-tender mentioned above shall carry **warranty for a minimum period of 2 (Two) years** from the date of successful installation and acceptance by Kannur University. During the warranty period, **any defect arising due to faulty materials, workmanship, or manufacturing defects** shall be rectified **free of cost**, including replacement of defective parts, labour, and transportation.

