

**Department of chemistry
University of Kerala,
Kariavattom, Thiruvananthapuram-695581
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No. DC/ST/Eq/2/2018-19

E-TENDER NOTICE

Tenders are invited for the “Supply, Installation and commissioning of “**Muffle Furnace**” through e-tender only.

Tender notification Date	:- 03/10/2018
Last date of issuing tender document through www.etenders.kerala.gov.in	:- 20/10/2018
Last date of Receiving e-tender through www.etenders.kerala.gov.in	:- 20/10/2018
Date of Opening Technical Bid	:- 23/10/2018
Date of Opening Financial Bid	:- After Technical Evaluation
Earnest money Deposit	:- INR 5,000/-
Tender fee	:- INR 1180/-

Tender Submission: - Two part tender comprising of Technical bid and Financial Bid shall be submitted through e-tender website www.etenders.kerala.gov.in

Tender Inviting authority: Assistant Professor and Head, Department of Chemistry, University of Kerala, Kariavattom Campus, Thiruvananthapuram, Kerala-695581.

Specification of Muffle Furnace

Specifications:

- Inner Dimension- 300 x 300 x 600mm (LxHxD)
- Maximum Temperature- 1400°C
- Continuous Operating Temperature- 1300°C
- Heating Element- Silicon Carbide
- Thermocouple- R Type
- Accuracy- $\pm 1^\circ\text{C}$
- Heat Up Time- 1hr
- Insulation- Tightly Packed Super Quality Fiber Material
- Microprocessor Based Digital Programmable Temperature Controller
- Thyristor Power Control device

- Adjustable Over Temperature Protection
- Main Isolation Switch
- Pilot Indicating Light
- Bogie Hearth
- Vertical Lifting Door
- Modified Atmosphere Capability
- Peep Hole with a Shutter
- **Warranty:** Two years comprehensive Warranty is required wherever applicable. If any component including heating element, control unit, thermocouple is found to be defective during the warranty period, the vendor has to replace the defective item immediately at their own cost

Documents to be Uploaded

1. Signed Compliance Matrix
2. Detailed Technical Brochure
3. BoQ
4. Hard copy of Bank Guarantee if opted

Terms and conditions:

1. The Bidder should be a manufacturer or their dealer specifically authorized by the manufacturer to quote on their behalf for this tender. Certificate to this effect should also be included in the quotation.
2. The price quoted should be inclusive for supply, installation, demonstration and testing at the University campus, Kariavattom, Trivandrum.
3. The price should be inclusive of all taxes. It should also include all incidental expenses, if any, till complete satisfactory demonstration.
4. Users list of the specified model, preferably from research centers within Kerala, Names of Institutes with contact person and telephone/email shall be mentioned in the bid.
5. Performance Certificate from at least 3 research centers, preferably in Kerala shall be an added advantage.
6. The supplier should be fully equipped to render after sale service during warranty and thereafter, facility for servicing/maintenance of the equipment after sales should be clearly mentioned in the quotation.
7. The item should be supplied and installed within eight weeks after the release of purchase order.
8. Payment will only be made after satisfactory delivery, installation and demonstration of the equipment.
9. The University of Kerala reserves the right to accept or reject any or all tenders without assigning any reason thereof. In case of any dispute the decision of the University Authority shall be final.

The Head

Department of Chemistry

University of Kerala