

**133 - Technical bid - Tubular Furnace - Chemistry**Procurementmanager - <procurementmanager@bmsce.ac.in>  
Draft

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**BMS COLLEGE OF ENGINEERING**

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PO Box: 1908, Bull Temple Road, Bengaluru - 560019, Karnataka India. Tel: 080-26622130 - 135 (Extn 5021), Email ID: [storessection@bmsce.ac.in](mailto:storessection@bmsce.ac.in)**INVITATION FOR TECHNICAL BID / TENDER****Reference Number:** ST/FRPS-Mgmt/Chy-21/2025-26/28/133**Date:** 06.01.2026**Enquiry Number:** 133**Department:** Chemistry Department**Last date for submission of Technical Bid – submission of technical compliance report for Tubular Furnace as per specifications and quantity mentioned below on or before 13.01.2026 – 5 PM by return email.****Subject: Procurement of Tubular Furnace under FRPS grants project titled Metal-Metal Sulfide (MMS) nanocomposites with diesel soot carbon for energy storage and water remediation – A sustainable approach” (Project File No.” R&D/FRPS-3/2025-26/CHE/2-08 dated 13.11.2025 under the Principal Investigator Dr.Manjunatha.S**

To,

THE VENDOR,

Dear Sir/Madam,

You are requested to provide the Technical Bid - Specification details **to procure Tubular Furnace (One Number)** intended to quote Technical compliance report for our tender specifications **by return email on/or before 13.01.2026.**

(Specifications with higher version will be appreciated)

High Temperature Tubular Furnace: Table Top Model
Power - 6 Kw,
Max Temperature - 1350 Deg C
Operating Temperature - 1300 Deg C
Temperature Accuracy-+5C,
Inner Chamber Size - 75 mm ID, 600 mm Long
Heating Zone - 200 mm, Heating Rate - 1 - 10 Deg / mini
Furnace Insulation – High Temp. Ceramic Board & Bricks
Heating Element - Silicon Carbide
Thermocouple – R Type, Power - 230 Volts, 6 Kw
Thyristorised Programmable Temperature Controller-5Kw
Thyristor Power Pack - 6 Kw
Programmable Controller
HRC fuse and 2 Pole MCB, Digital Ammeter
High Temperature Alumina Tube 99.9 % with Aluminium Flange, Gas inlet and outlet connector
Size - 70 mm OD, 60 mm ID, 1000 mm Long
Gas flow volume measure

**SPECIAL NOTE: PLEASE DO NOT SEND ANY PRICE BID / DETAILS technical bid and compliance statement submission is mandatory as a pre-requisite for participation in the commercial bid.**

### **Terms & Conditions for the Technical Bids:**

1. Technical Bid along with Technical Compliance Statement as per the format provided in Link: [https://bmsce.ac.in/assets/files/Tenders/BMSCE%20Technical%20Compliance%20Statement%20for%20Vendors%202025%20\(Format\).pdf](https://bmsce.ac.in/assets/files/Tenders/BMSCE%20Technical%20Compliance%20Statement%20for%20Vendors%202025%20(Format).pdf) and should be sent to the email id [storessection@bmsce.ac.in](mailto:storessection@bmsce.ac.in), [storessection1@bmsce.ac.in](mailto:storessection1@bmsce.ac.in)
2. Quote our Enquiry Ref No & Your reference No./Quotation No. with date in all your correspondence
3. Warranty/Validity: Two years/Standard
4. Product details with Brand/Manufacturer/other details should be included.
5. Details of the current customers to whom similar/same equipment is supplied with contact name and numbers should be provided.
6. For any clarification regarding the Specifications, commercial terms and such, email/contact the above contact details.
7. For all the other detailed Terms & Conditions; refer to the Link: [https://bmsce.ac.in/assets/files/Tenders/BMSCE%20General%20TERMS%20&%20CONDITIONS%202025%20\(%20for%20Commercial%20Tenders%20&%20Enquiries\).pdf](https://bmsce.ac.in/assets/files/Tenders/BMSCE%20General%20TERMS%20&%20CONDITIONS%202025%20(%20for%20Commercial%20Tenders%20&%20Enquiries).pdf)
8. BMSCE reserves all rights. Jurisdiction: Bengaluru

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BENGALURU - 560019***