



SCHOOL OF CHEMICAL SCIENCES

MAHATMAGANDHIUNIVERSITY

Priyadarshini Hills, Kottayam-686560

office.scs@mgu.ac.in Phone: 0481 -2731036

Tender No: SCS/02/131418/CM/04/2023-2024

Dated: 06/12/2023

NOTICE INVITING TENDER

Professor and Head, School of Chemical Sciences, Mahatma Gandhi University, Kottayam invites sealed tenders in original including all taxes for the supply and installation of scientific equipment from reputed dealers/ firms

1	Name of the Scientific Equipment	FUME HOOD (Detailed specifications given in Annexure-1)
2	Earnest money deposit (EMD)	1%of the estimated value.
3	Security deposit/FD/BG	5% of the estimated value
3	Tender submission fee	0.2% of the cost of the equipment rounded to the nearest multiple of 100, subject to a maximum of 25,000/- + GST as applicable
4	Period of supply and Installation	Within 45 days from L/C opening date
	Address	Professor and Head School of Chemical Sciences, M.G. University, Kottayam, Kerala Pin-686560, India
3	Date and time of bid opening	19/12/2023, 11.00 am
4	Last date and Time of submission of tender with relevant documents.	13 days, 19/12/2023, 12.30 pm

Duly filled up and signed tender schedule along with relevant documents should be sent to **Professor and Head, School of Chemical Sciences, Mahatma Gandhi University, Kottayam** by speed post so as to reach before the date and time specified. The cover containing the document should be super scribed the **name of the scientific equipment, tender number and last date of submission** of the tender.

Relevant documents may also be sent to: E-mail- office.scs@mgu.ac.in

ELIGIBILITY CRITERIA

1	Bidder should be a company registered in India or Registered Partnership /proprietary firms	Copy of valid registration certificate/Copy of Certificates of incorporation
2	Should not have been blacklisted by any of the Government entities under state / central government.	Self-Certificate
3	The bidder should have a registered number of (i) GST where his business is located ii) Income Tax / PAN number.	Copies of relevant certificates of registration

Further details can be had from the office of **School of Chemical Sciences, Mahatma Gandhi University, Kottayam** Email: office.scs@mgu.ac.in on all working days during working hours. If relevant documents through speed post are not submitted with in time, the tenders will not be considered. The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.


Director



Professor and Head
School of Chemical Sciences
Mahatma Gandhi University
Priyadarshini Hills P. O.
Kottayam - 686 560

Please see the Annexures

ANNEXURE-1

Technical Specification for

1. The bidder must have valid SEFA Executive membership Certificate
2. The bidder must provide valid third party test certificate for Fume Hoods
3. The fume hood must be ASHARE (American Society of Heating, Refrigerating and Air conditioning Engineers) Tested certified
4. Dimension: 1500L X 750W X 2400H IN mm
5. Bed size: 1350 X 600 1 N mm
6. 18 guage electrogalvanized sheet with epoxy polyester powder coating.
7. Minimum 1 year warranty
8. Single vertical Sliding, concealed type 5 mm thick glass door balanced with counter weight sand wire rope etc.
9. Powered by inbuilt motor 1 HP 1380 RPM TEFC 3PH Kiloskar / Siemens make motor.
10. Rigid ducting of FRP of 200 MM dia 10 feet 4mm. Thick rigid FRP pipe should be provided with suitable rain hood
11. A stable, non -adjustable with a single slot on the black baffle to aid in distributing the flow of air in to and through the hood. The baffle shall be spaced out from the back linear and shall be removable for cleaning
12. Dynamically balanced impeller
13. Baffled by 3 MM thick FRP sheet
14. Centrifugal Blower: Silent high efficiency remote blower consisting of continuous rating motor and chemical resistant Impeller. The blower should be designed to give a face Velocity at safe working height as per the International safe velocity norms(ANSI).The blower Body should be FRP UV treated high density and chemical (Corrosion) resistant and should be mounted on a metallic Stand
15. Noise level 70 db
16. Direct Coupling
17. 18 mm + 1 mm thick well polished flooring
18. 800-1000 CFM Suction expected
19. 40 × 400 MM C Frame with epoxy powder coating
20. 6 MM thick FRP bisphenol A fumerate Resin Casing
21. 18 guage electro galvanized sheet with epoxy polyester powder coating for bottom arrangements and material of construction.
22. 2 Nos of Gas valve, 2 No's LED light and 1- No P.P scaffolding should be provided (metal grid)
23. The Hood super structure shall be fully wired. It should also have 2 No's 15/5 AMPS, 3 PIN SOCKET CUMSWITCHES, indicator lamp, starter should be provided.
24. 1 No of FRP sink with single way water tap should be provided.

NNEXURE-2

Terms and Conditions

1. Last date of submission of tender along with requisite fee, EMD and all documents is 19.12.2023 11pm.
2. The technical bid will be opened on 19.12.2023 at 12.30 pm.
3. Tenders must accompany a copy of the "Annexure 3 and Annexure 4" section of this document, signed and stamped on each page indicating that they agree to these.
4. Tender form shall be downloaded from the University website (www.mgu.ac.in/Downloads/OtherForms/Format) of Tender Form.
5. Earnest money deposit (EMD) and Tender fee should be submitted through online and the payment receipt shall keep with the tender (www.mgu.ac.in-Online Payment-Miscellaneous).
6. Instrument should have a warrantee of at least three year and should have at least one Service engineer and one application scientist based in India with onsite training facility on the same quoted equipment. Training should include operation, handling and maintenance of system.
7. A good record in supply and service to other research institutes will be considered as a positive point for a particular company. User list of similar equipment supplied recently in India should be provided.
8. Laboratory floor space, electrical power requirements, earthing, room temperature/humidity requirements etc. should be mentioned appropriately.
9. All necessary accessories should be supplied with the instrument, as per standard package offered, including complete set of service and operation manuals for diagnosis, trouble shooting, maintenance and electronic circuitry (hard and soft copies).
10. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid. The charges for extended warranty and/or Annual Maintenance Contract after the expiry of offered warranty period should also be specified in the financial bid.
11. The price of the equipment should be quoted in Indian rupee. The total price of the equipment quoted should be inclusive of GST & other taxes if any; material cost; transportation cost; loading and unloading cost; installation cost; labour charges and all other expenses in whatsoever means.
12. Payment process will be initiated only after supply of items as per tender specifications and satisfactory installation of the items.
13. It will be the responsibility of the supplier to deliver the ordered materials at School of Chemical Sciences, Mahatma Gandhi University, Kottayam. All required materials for satisfactory installation are to be provided by the supplier at their own cost.

ANNEXURE 3:

TENDER FORM PART-I (TECHNICAL BID)

Date:

From,

M/s.

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To,

**Professor and Head
School of Chemical Sciences
M.G. University, Kottayam,
Kerala Pin-686560, India**

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Terms and Conditions of Contract and other requirement for delivery and complete Installation and Special Conditions of Contract contained herein with this tender document. I/we hereby agree to supply the stores conforming to the tender specifications incorporated in ANNEXURE 1 of the tender document and also agree to abide by your General Conditions of all Contra acts and Special Conditions of Contract contained in the ANNEXURE 2 of the Tender document.

You will be at liberty to accept any or more of the items of stores offered by us and I/we shall be bound to supply you the stores as may be specified in the Purchase Order/Contract.

I/We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of opening of Part-II (Financial bid) of the tender. Deviations to Technical specifications contained in ANNEXURE 1 of the tender documents are detailed in ANNEXURE-A to the tender form while deviations proposed to the General Special Conditions of Contract contained in ANNEXURE 2 are detailed in Annexure-B to this tender. Price applicable for the stores are indicated separately in a sealed envelope marked as financial bid of the tender.

I/We are also enclosing herewith all the leaflets catalogue etc. pertaining to the stores offered.

Yours faithfully

Stamp and Signature of the Tenderer

ANNEXURE 4:

TENDER FORM PART-II (FINANCIAL BID)

Date:

From,

M/s.

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To,

**Professor and Head
School of Chemical Sciences
M.G. University, Kottayam,
Kerala Pin-686560, India**

Dear Sir,

In response to your invitation and as per your tendering and contracting conditions, the prices applicable for the scope of supply contained in ANNEXURE-3 (TECHNICAL BID) of our tender are indicated in the format at annexure "A" to this tender.

We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of actual opening of Part-II (FINANCIAL BID) of the tender.

Yours faithfully,

Stamp and Signature of the Tenderer