



# MAHATMA GANDHI UNIVERSITY

## SCHOOL OF PURE & APPLIED PHYSICS

Priyadarshini Hills P.O, Kottayam - 686 560, Kerala, India,

Phone: 0481 2731043, Email : spap@mgu.ac.in

No. SPAP/3010/2022-23/Td5

12-01-2023

### **TENDER NOTICE**

**Tender Notice No. SPAP/3010/2022-23/Td5 Dated 12-01-2023**

Sealed tenders super scribed "Tender for the supply of **Optical Fiber Characterization Apparatus** and **Zeeman Effect Apparatus**" for the use at School of Pure & Applied Physics, Mahatma Gandhi University", are invited for the supply and installation with following specifications.

SI No	Items	Details
1.	<b>Optical Fiber Characterization Apparatus</b>	<b>1 No -Specifications attached</b>
2.	<b>Zeeman Effect Apparatus</b>	<b>1 No -Specifications attached</b>
3.	EMD	1% of the Cost of the equipment/Purchase Assessment Cost (PAC) for which tender is submitted
4.	Tender fee	0.25% of the cost of the equipment (PAC) rounded to the nearest multiple of 100 + GST @18%
5.	Last date for submission of completed Tenders	4.00 P.M on 27-01-2023
6.	Date of opening of Technical & Financial Bid	30-1-2023 at 11.00 A.M at School of Pure & Applied Physics
7.	Period of supply and installation	Within 30 days from receipt of purchase order

Duly filled up and signed tender schedule along with relevant documents should be submitted to the Director, School of Pure & Applied Physics, Mahatma Gandhi University Priyadarshini Hills P.O, Kottayam-686560, Kerala. Blank Tender Forms can be downloaded from the university website ([www.mgu.ac.in](http://www.mgu.ac.in)). Tender fee should be remitted to the M G University E-payment site. Copy of the receipt should be attached along with the tender schedule. EMD can be submitted by way of Demand draft in favor of Director School of Pure & Applied Physics, S.B A/c No: 37011203937 payable at SBI M. G University campus Branch, Kottayam

### **GENERAL TERMS & CONDITIONS:**

- For ensuring the guarantee relating to the quality of the articles supplied, a written agreement must be submitted by the firm
- Certificate from the vendor must be attached stating that they should not have been blacklisted by any of the Government entities under State/Central Govt.
- For those bidders submitting tenders for more than one instrument, separate applications for each instrument (Tender Bid and Financial Bid) must be placed in individual sealed envelopes and these envelopes must be placed inside a bigger envelope.
- Validity of tenders shall be 6 months from the last date of submission of the tenders

- v. The tenders received late, without tender fee, without earnest money, without required documents or incomplete in any respect / Misleading will out rightly be rejected.
- vi. If the supplier/firm is manufacturer/authorized dealer/sole distributor of any item, the certificate to this effect should be attached.
- vii. A qualified bidder should submit 5% of PAC as Security Deposit.
- viii. The prices quoted must be net per unit, inclusive of accessories, cables and installation charges should be clearly mentioned otherwise it will be presumed that the rates quoted are inclusive of all these charges and will not be paid
- ix. All other charges including GST, Excise Duty and other levies payable by C.I.P should be clearly indicated otherwise it will be presumed that the rates quoted are inclusive of all these charges and will not be paid
- x. The purchase committee of the School of Pure & Applied Physics reserves the right to accept/reject any or all the tenders at any time without assigning any reason.

**SPECIFICATION of the Optical Fiber Characterization Apparatus and Zeeman Effect Apparatus**

<p><b>Optical Fiber Characterization Apparatus</b></p>	<p><b>Optical Breadboard Type with Support</b>  Material: Black anodized Aluminum alloy  Kinematic Laser Mount : Black anodized Aluminum alloy  XYZ translation stage with mount: Material: Black anodized Al alloy  Laser Fiber Coupler with Mount,  Fiber Holder with Angular Tilt  Fiber Chuck Holder : Material: Black anodized Al alloy  Bending Loss Apparatus, Chuck material: Nylon  Fiber Chuck Material: Black anodized Aluminum alloy  <b>Single Mode Optical Fiber</b> -Material: Glass fiber, 3 meters Length  <b>Multi Mode Optical Fiber</b> -Material: Plastic Fiber, 5 meters Length  650 nm, 5 mW Diode Laser with Power supply (Red)  Photo Transistor Detector with Output Measurement Unit, 3 ½ digit  7 segment Display  <b>Warranty 3 years</b></p>
<p><b>Zeeman Effect Apparatus</b></p>	<p><b>Computer interfaced with essential Laptop</b>  <b>Gaussmeter Specifications</b>  Range : 0 - 20 KG, Resolution : 10 gauss  Accuracy : +/- 0.5%, Display : 3 ½ digit, 7segment LED  Transducer : Hall probe – In As  <b>Dichroic Green Filter Specification</b>  Type : Additive , Color : Green Dimensions : 50 mm x50 mm ,  Clear aperture (%) : ≥ 85, Thickness (mm) : 2  nominal Surface quality : 80 – 50, Angle of incidence (°): 0  ,Substrate: Borofloat  <b>Warranty 3 years</b></p>

  
Director

School of Pure & Applied Physics



DIRECTOR  
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Mahatma Gandhi University  
Kottayam