



# MAHATMA GANDHI UNIVERSITY

## SCHOOL OF PURE & APPLIED PHYSICS

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

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No. SPAP/3010/2022-23/Td6A

06-02-2023

### **SHORT TENDER NOTICE (RETENDER)**

**Tender Notice No. SPAP/3010/2022-23/Td6A Dated 06-02-2023**

Sealed Re-tenders super scribed "Re-Tender for the supply of **Constant Deviation Spectrometer and other Laboratory Equipment**" for the use at School of Pure & Applied Physics, Mahatma Gandhi University", are invited for the supply and installation with following specifications.

Sl No	Items	Details
1.	Constant Deviation Spectrometer	1 No -Specifications attached
2.	Hydrogen Spectra- Balmer series	1 No -Specifications attached
3.	Hall Effect set up for Metals	1 No -Specifications attached
4.	EMD	1% of the Cost of the equipment/Purchase Assessment Cost (PAC) for which tender is submitted
5.	Tender fee	0.25% of the cost of the equipment (PAC) rounded to the nearest multiple of 100 + GST @18%
6.	Last date for submission of completed Tenders	4.00 P.M on 15-02-2023
7.	Date of opening of Technical & Financial Bid	16-02-2023 at 11.00 A.M at School of Pure & Applied Physics
8.	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.

- iv. 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 Constant Deviation Spectrometer and other Laboratory Equipment**

<p><b>Constant Deviation Spectrometer - CCD Based</b></p>	<p><b>CCD based and Computer Interfaced</b>            Constant Deviation Spectrometer having wavelength range 380 – 680nm with Resolution 0.1 nm and Micrometer controlled slit            Ceramic Metal Arc stand, Copper, Iron, Brass Rods , Metal Arc Power Supply, Mercury Vapor Lamp with Power supply, Incandescent Lamp, 16bit ADC -<b>CCD Camera</b> having line sensor CCD with minimum 3000 pixels having pixel size 800 x 200 micron,            Appropriate software with laptop (Core i3/corei5, 256 SSD, 8GB RAM, 15” TFT),            other essential accessories to carry out the experiment.  <b>Warranty 3 years</b></p>
<p><b>Hydrogen Spectra- Balmer series</b></p>	<p><b>Computer interfaced</b>            Concave Grating Optical Platform            Spectral Range having 320 to 1050 nm with Resolution 0.1 to 1 nm            Micrometer Controlled Variable Slit            Linear CCD Array Detector with 16 bit ADC            Appropriate software with Laptop (Core i3/corei5, 256 SSD, 8GB RAM, 15” TFT)            Other essential accessories to carry out the experiment.  <b>Warranty 3 years</b></p>
<p><b>Hall Effect in metals</b></p>	<p>Hall Probe-Silver (HP-Ag)            Hall Probe-Tungsten (HP-W)            Gaussmeter            High Current Power Supply,            Digital Microvoltmeter            75mm tapered to 25mm Electromagnet            Constant Current Power Supply  <b>Warranty 3 years</b></p>



  
**Director**  
**School of Pure & Applied Physics**