



# 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/Td1

23-01-2023

### **TENDER NOTICE**

**Tender Notice No. SPAP/3010/2022-23/Td1 Dated 09-01-2023**

Sealed tenders super scribed "Tender for the supply of **Table Top Spin Coating Unit**" 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.	<b>Table Top Spin Coating Unit</b>	<b>1 No -Specifications attached</b>
2.	EMD	1% of the Cost of the equipment/Purchase Assessment Cost (PAC) for which tender is submitted
3.	Tender fee	0.25% of the cost of the equipment (PAC) rounded to the nearest multiple of 100 + GST @18%
4.	Last date for submission of completed Tenders	4.00 P.M on 23-01-2023 <b>Date Extended to 4 PM 30-01-2023</b>
5.	Date of opening of Technical & Financial Bid	31-1-2023 at 11.00 A.M at School of Pure & Applied Physics
6.	Period of supply and installation	Within 30 days from receipt of purchase order

### **SPECIFICATION of the Table top Spin Coating Unit**

Description
<p><b>Table top Spin Coating Unit</b> – A microprocessor-controlled programmable system, for thin film deposition on various substrates. The system has an electronic display unit with a large 8" Teflon (PTFE)coated SS substrate bowl for chemical compatibility. It has built- in multi program methods. It has a PMMA transparent lid for bowl. Provided with an oil free vacuum pump-1/4 HP RPM, single phase 220 v; 50/60Hz Starter kit consists of rubber tubing 2 mtr; vacuum pump silencer, fuses &amp; operation manual</p> <p><b>SPECIFICATIONS:</b></p> <p>Actuator PID based speed Controlled Dc motor;</p> <p>Spinning speed :max up to 10,000 RMP Multistep RPM/time Programming</p> <p>RAM Programmable- 200-10,000 RPS, steps of 10 Rpm.</p> <p>Save programs: Can save an 8 step per prog. of 8 preset programs can be saved in the system memory</p> <p>Speed accuracy- 0.1 %</p> <p>Time Prog. : 10- 1200 secs</p> <p>Display - LCD digital display</p> <p>Spinning disk size – 50 mm</p> <p>Suitable for substrates sizes :0.5" 1" to 2 " (50mm)</p> <p>Spill drainage; With Oil free vac. pump</p> <p>Gas purging facility available as standard. Safety interlock for Vacuum pump</p> <p><b>Warranty 3 years</b></p>

  
DIRECTOR

School of Pure & Applied Physics  
Mahatma Gandhi University  
Kottayam

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.). 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:

- i. For ensuring the guarantee relating to the quality of the articles supplied, a written agreement must be submitted by the firm
- ii. 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.
- iii. 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.

Director  
School of Pure & Applied Physics

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