

UNIVERSITY OF CALICUT
(Purchase Division)

45002/PURCHASE-ASST-B2/2017/CU

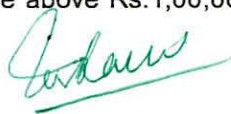
Calicut University (P.O)

Dated 04.03.2017

TENDER NOTICE

Sealed tenders are invited for the purchase of various equipment (as per the specification noted below) to the innovative Research Project of Dr. Abraham Joseph, Department of Chemistry. The Tender form and General Conditions can be had from the Purchase Division or can be downloaded from the University Website: <http://www.universityofcalicut.info/> Sealed tenders with cost of tender form (0.2% of the cost of tender rounded to the nearest multiple of 100, subject to a minimum of Rs.400+VAT @5%. and maximum Rs.1500+VAT @5% and EMD @1% of the total cost of the articles tendered for subject to a minimum of Rs.1500/- drawn in favour of the Finance Officer should be submitted to the Deputy Registrar(Purchase Division) on or before 20.03.2017.

A Performance Security equivalent to 5% of the total value of the contract rounded to the nearest rupee should be submitted by the successful bidder for a contract value above Rs.1,00,000/-. The EMD and Performance Security are returnable.


DEPUTY REGISTRAR (Purchase Division)
For Registrar

To

The System Analyst(with a request to publish in the University website)

Spin coater with IR curer- 1 no.

Specifications

Table Top Spin coating Unit

- Spin coater - a microprocessor-controlled multistage Programmable system, for thin film deposition on various substrates. The system should have a electronic Display unit with a Large 8" Teflon (PTFE coated SS substrate bowl for protection from chemical corrosion. It has built —in multi Program methods. It has a PMMA Transparent lid for bowl. Provided with an Oil free vacuum Pump — A HP, 1440 RPM, single phase 220 v ; 50 /60Hz Starter kit consists of Rubber tubing 2 mtr; Vacuum pump silencer, Fuses, Power cord & Operation Manual CD.

Actuator: PID based speed Controlled DC motor;

- Spinning speed: max up to 10,000 RPM; Multistep RPM / Time programming RPM Programmable — 200 — 10,000 RPM in steps of 10 Rpm.
- Save Programs: Can save an 8 step per Prog of 8 pre-set programs can be saved in the system memory.
- Speed accuracy— ± 0.1 %
- Time Prog : 10— 1200 sec.
- Display — LCD digital display.

- Spinning disk size — 50mm
- Suitable for substrates size: 0.5" 1" to 2 "(50mm)
- Spill drainage; With Oil free vac Pump;
- Gas purging facility available as standard. Safety Interlock for Vacuum Pump with vacuum switch, and fault alert for pump /Motor.
- IR Curer for Heating / homogenizing coated plates after coating plates to be included.