



**Department of Physics**

**Indian Institute of Engineering Science & Technology, Shibpur**  
(Formerly Bengal Engineering & Science University, Shibpur)

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Website : <http://www.iiests.ac.in>

Ref.No.- 01/IEST/PHY/CPDA/MHM/Web.Not./Lab.Equip/2018-19

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## **Notice Inviting Quotation**

Sealed quotations are invited for supply of the following items/equipments or to carry out works listed below as per mentioned specifications. The relevant bidding document can be downloaded from the website. The document can be also obtained from the Department of Physics (**Contact: Dr. M.H. Mondal**) between 11.00 a.m. and 5.00 p.m. on all working days. The quotation should **include all kinds of taxes/duties and delivery, Installation charges etc** of the items and to be sent to the Office of the **Head, Department of Physics, IEST, Shibpur, Howrah-711103**. Last date of submission of sealed quotation is **7 working days from the date of publication** in the Website of the Institute and tenders will be opened on the next working day at 12 noon.

## **Spin Coater**



**Specification:**

- Micro-controller Controlled
- Number of Program: 2 or more editable Programs with 10 Steps or more per program
- Brushless DC Motor
- Different chuck diameter which hold substrate 1inch to 4 inch substrate
- Speed Range:  $\geq 50$  to  $\leq 10,000$  R.P.M.
- Speed stability :  $<\pm 1\%$
- Acceleration: 5- 2,000 R.P.M./sec or more or better
- Duration: 1-9999 second or better
- 4 line LCD Digital display for Real-time Display of R.P.M., Timing & Program
- Non-volatile Program Memory
- Input & Controlling through Key-pad
- Working Chamber of 8" Diameter or more with Spill-drainage Facility
- Integrated Power On/Off & Vacuum Release Switch with Indicator
- Calibration & Warm Up Option
- Gas Purging Port
- AUTO Lid protection (Transparent Photo-resist Safety Lid) over the Working Chamber
- Heating Chamber with temperature facility maximum up to  $120^{\circ}\text{C}$  with digital display
- Suitable oil free vacuum/pressure pumps with suitable pressure gauge

***Terms & Conditions:***

- a. Price should include Deliver and installation charges and taxes.
- b. Warranty for the Instrument at least of 12 months. .
- c. Delivery has to be done within four weeks of placing the order.
- d. Installation has to be done within one week of delivery.
- e. The bidder must furnish
  - i) Trade License Certificate
  - ii) GST Certificate
  - iii) IT return Certificate
  - iv) Copies of Installation and Warranty Certificates
  - v) Photo Copy of PAN
  - vi) Copies of All Kind of Govt. Taxes