INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF MECHANICAL ENGINEERING
KANPUR-208016, INDIA

Sujeet K Sinha (Dr.)
Associate Professor
Email: sujeet@iitk.ac.in

Tel: + 91 512 259 6679
Fax: + 91 512 259

Enquiry no.: ME/TSE2013/01
Enquiry date: May 28th, 2013
Last Date: June 19th, 2013

Enquiry for Spin Coater for thin-film coating application

Spin Coater should have the capability to handle solutions/melts of polymers, different salts of zinc, tin, indium, tungsten, titanium, cadmium, cerium, chromium etc. in water as well as organic solvents.

Speed:
Spin Speed: 100-10000 RPM or better
Speed Accuracy: <1% or better error across the full scale
Acceleration/Deceleration: 10-1200 RPM/sec or better
Time: 1-999 sec or more with increment of 1 sec or less
Programmability:
Multi steps; for each step, time, speed and acceleration should be programmable
Vacuum Chuck:
Suitable for glass substrate (about 2 mm thick), Si wafers and other metal and non-metal substrates of dimensions- 15x10 mm or bigger substrate
Display:
Touch panel with colour display
Vacuum Pump:
Oil free and suitable for the quoted instrument
Dimensions:
Should mention
Power Supply:
Indian Standard
Accessories:

1. Auto liquid dispenser
2. Micro syringe

Any other necessary components must be include in the quotation
Please provide the information regarding the safety feature in the quoted model.

The quoted system should be certified as complete for carrying out the experiment “To prepare thin films of polymer/ inorganic nano-materials on glass or other substrates.”

Terms & Conditions:

(i) Provide "Authorization certificate" from the manufacturer, in case the quotation is submitted by an Indian Agent.

(ii) Prices should be FOB/ CIF up to IIT Kanpur, India.

(iii) Validity of quotation should be at least for 90 days.

(iv) Warranty: Three Years from the date of Installation and Commissioning.

Kindly send your best offer (Technical and Commercial offers separately) so as to reach us on or before June 19, 2013 to the following address:

Dr. Sujeet K Sinha
Department of Mechanical Engineering
Indian Institute of Technology, Kanpur 208016
India

In case of any queries/ clarifications related to this tender, you may contact Mr. Jitendra Kr Katiyar(+91 8090113301, 9336839742).