

**DEPARTMENT OF CHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY DELHI**

NOTICE INVITING QUOTATIONS

November 19, 2012

Department of Chemical Engineering intends to procure a Spin Coater as per the attached technical specifications. Interested vendors may send their "Technical Bid" and "Financial Bid" separately in two separate envelopes mentioning the same. The item for which the bid is should be mentioned clearly on the envelopes along with the tender number. The bids, as per the attached specifications, should be submitted latest by **26th November 2012** to:

Prof. S Basu
Head of The Department
Department of Chemical Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110016
India

TERMS AND CONDITIONS:

1. Installation has to be done by the supplier at his own cost, manpower.
2. Training should be provided during the installation.
3. Indicate proof of being a genuine dealer for the brand you are quoting.
4. If there is any deviation from the above mentioned requirements, make sure to mention it clearly in your quotation.
5. Service facility: Supplier should mention about the possible service set up in India and how capable they are to provide after sales service.
6. The warranty should be a minimum of 3 years.
7. Mention the warranty / installation /insurance / freight terms clearly.
8. Provide a photocopy clearly indicating PAN/TIN number and sales tax registration details.
9. Please keep the Technical and Commercial Bid in different sealed envelopes mentioning the Subject, Ref. No. Due Date etc. (Tender will be rejected if Technical and Financial bids are not quoted separately).
10. Payment terms will be according to IIT Delhi rules.
11. IIT Delhi reserves right to accept/reject any or all quotations without assigning any reason.

For any queries, interested parties may contact Dr. Jayati Sarkar on 97177 01531, 011-26591163, email:jayati@chemical.iitd.ac.in.

TECHNICAL SPECIFICATIONS FOR SPIN COATER:

1. Stainless Steel [SS 304L] bowl Teflon coated from inside.
2. Spin speed: 1 to 10,000 rpm
3. Ramp time: variable, from 0.1 to 30 seconds
4. Spin time: 1 second to 10 minutes
5. SPILL BAFFLE assembly to avoid solution spill over to rotation mechanism and rotating seal.
6. Vacuum chuck (Substrate Holder) to handle substrates of 1" x 1" to 4" x 4" size.
7. Integrated Vacuum Release switch for easy removal of substrates.
8. High performance Brushless DC Servomotor for high acceleration.
9. Direct digital indication of speed in RPM.
10. Timers for spin time setting from 1 to 999 seconds.
11. Analogue vacuum level indication for vacuum at chuck.
12. Power - 230VAC-1 phase 50 Hz A.C. Mains operated.
13. Door and cover interlock safety switches.
14. Vacuum pump (Diaphragm Type) – Oil Free 75 lit / min.
15. One complete set of spare parts for one year of trouble free operation.