



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/FlexE/2015-16/03

Date: 10/06/2015

Subject: Sealed Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for the supply and installation of **“spin coater”** with following specifications:.

Note: All vendors are requested to send **“Technical and Financial Bid”** should submitted together in separately sealed envelopes.

Technical specifications for spin coater:

- The Table top spin coater system for coating up to 150 mm round or up to 100 mm square substrates
- It should have a spinner module, control Unit, bowl cover made of safety glass.
- Availability of process bowl made of polypropylene/metal including digital vacuum gauge.
- It should have the safety features including vacuum monitoring, cover open interlock etc.
- The coater Integrated into a table top cabinet made of polypropylene/metal.
- System should be compatible with the Indian electrical supply 230 VAC; 50 Hz; single phase.
- It should have a speed of 100 - 8.000 rpm (+/- 5 rpm) with 150 mm chuck, including hollow shaft motor.
- Accuracy of acceleration should be 4.000 rpm/sec. Motor should reach final speed with in 10 s.
- Accuracy for spinning time should be 1 s up to 999 s.
- Availability of recipes should be 100 with 40steps for each.
- It should also have a waste bottle 0.5 l and exhaust connection with 2m tube.
- Dimensions of spin coater should be mention in (W x D x H).
- It should have a cover upgrade features for additional functions to replaces standard cover.
- It should have some additional function like center and edge coating, edge bead removal, developer dispenses option and nitrogen drying features.
- System should be compatible with different size of vacuum chucks from 1” to 4” substrate with centering pins

Terms and Conditions:

1. Please quote vacuum pump separately as an optional item.
2. Chuck for 2” and 1” substrates with centering pins will also be quoted separately as an optional item if it is not a part of standard system.
3. Evaluation will be done on the basis of technical specifications as per our tender notice.
4. Financial bid will be open only for those, who meet tender specification.
5. Please do mention tender number clearly on envelop.
6. Please send the name and contact details of the person to whom company had supplied a similar systems. Committee may ask for the feedback.

7. The supplier must have supplied systems to institutions of national and/or international repute.
8. Quotation must indicate FCA or FOB prices.
9. Payment terms & condition is 70% against delivery, 20% after installation and 10% after successful running of equipment for 3 months & approval.
10. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.
11. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system.
12. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
13. Validity of quotation should be at least for 60 days.
14. Maximum educational discounts should be applied.
15. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
16. Institute is exempted from payment of Excise Duty under notification No. 10/97.
17. The delivery period should be specifically stated. Earlier delivery may be preferred.
18. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation in sealed envelope latest by 3.00PM on 15.06.2015 to the following address;

To,
Dr. Monica Katiyar,
Room No.305,
Samtel Centre for Display Technologies (SCDT), Indian Institute of Technology Kanpur, Kanpur
– 208016, Uttar Pradesh, India