



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/FlexE/2015-16/20

Date: 03/11/2015

Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for **Probe Station**.

Note: The technical and financial bid should be submitted together in separately sealed envelopes. **The Probe Station must have following minimum technical specifications.**

Specifications:

1. It must be primarily used for characterizing semiconductor devices IV- CV characterization.
2. The Chuck size should be 150mm
3. The Vacuum chuck should be used for Triaxial measurement, which includes three additional Auxiliary chucks (with two having vacuum holding system) with integrated Force-Sense terminals.
4. It must have 360° Rotational movement, including Planarity of chuck should be $\leq \pm 5$ um.
5. The Platen Movement should have Course and fine platen lift with a repeatability of the order minimum of 1mm.
6. The Universal platen should include space for minimum four micro-positioners and up to 6 nos. at a time
7. It should include Magnetic/vacuum base manipulators/micropositioners in which Four of them are used for probing transistor devices or simple circuits.
8. The probe positioners must have sufficient X, Y, and Z movement.
9. It should have Resolution up to 2 microns or better.
10. It must have a minimum of 20 to 100 X magnification microscope or better, which connects with CCTV.
11. The measurement capability should down to the noise floor capability of instruments, having 1 pA of current including Voltage of the order in mV and Capacitance order in pF.
12. It should have other relevant/optional accessories required for proper functioning like vacuum pump etc.
13. The System should have Standard configurations. NO CUSTOM BUILT SYSTEMS WILL BE ENTERTAINED.

Terms and Conditions:

1. Provided the technical bid meets the minimum specification, the final decision in favor of a bid will be made based on the financial bid, system capabilities, favorable payment terms, and after-sales services offered, and delivery time.
2. The Parent company should be an established company with good number of installations (at least 5 to 6 of similar systems) and after sales support in India as well.
3. Please send the name and contact details of the person to whom company had supplied a similar systems. Committee may ask for the feedback.
4. Please do mention tender number clearly on the envelop
5. The supplier must have supplied systems to institutions of national and/or international repute.
6. Quotation must indicate FCA or FOB prices.

7. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
8. Warranty/Guarantee should be clearly mentioned. The Warranty must start from the date of installation at IITK.
9. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system.
10. Prices should be FOR IIT Kanpur & should include the installation and training cost.
11. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
12. Validity of quotation should be at least for 60 days.
13. Maximum educational discounts should be applied.
14. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
15. Institute is exempted from payment of Excise Duty under notification No. 10/97.
16. The delivery period should be specifically stated. Earlier delivery may be preferred.
17. 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 3:00 PM on 12/11/2015** at the following address:

To,
Prof. Monica Katiyar
Room No.306,
Samtel Centre for Display Technologies (SCDT),
Indian Institute of Technology Kanpur,
Kanpur – 208016,
Uttar Pradesh, India