



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/FlexE/2015-16/15

Date: 19/10/2015

Sealed tenders (technical and financial quotes separately) are invited for the procurement of a **Mercury Probe** with following specifications.

Technical Specifications:

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| 1. Measurement wafer size | : upto 200 mm |
| 2. Front contacts | : coaxial mercury dot and ring contacts |
| 3. Back contact | : stainless steel |
| 4. Contact mode for IV/CV measurements | : front-front or front-back |
| 5. Mercury dot size | : diameter 800 microns +- 5% |
| 6. Mercury ring area | : ~ 50 times area of mercury dot |
| 7. Smallest sample size: | : 1.8 cm or small |
| 8. Edge exclusion | : 6mm or less |
| 9. Contact control | : USB interface for computer control of contact and purge functions |

System should be complete with fail-safe vacuum mercury delivery system, vacuum pump, control module, required cables, operator's manual and safety instructions.

Following accessories should also be quoted with the system:

1. Dark box with vacuum feed-throughs for light sensitive measurements and computer controlled light for inversion region stabilization
2. Wafer with calibrated oxide thickness for calibration of mercury probe
3. Wafer with calibrated resistivity for calibration of dot diameter and stray capacitance
4. Mercury spill kit for quick and safe cleanup of mercury spills
5. Maintenance kit with details.

Other Terms and Conditions:

1. Please do mention tender number clearly on envelop.
2. Supplier/Vendors should submit technical and financial bid together in separately sealed envelopes.
3. Evaluation will be done on the basis of technical specifications format provided as per our tender notice
4. Supplier who have experienced in Mercury Probe and supplied in the national and international institutions will be preferred.
5. Financial bid will be open only for those, who meet tender technical specification.
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. Vendors should have to submit the detail's designed as per tender specification.
8. Quotation must indicate FCA/FOB or CIP/CIF IIT Kanpur prices.
9. Payment terms would be 90% through irrevocable LC against dispatch documents and 10% after delivery, installation and acceptance.

10. Warranty: minimum 12 month parts and labor warranty against any manufacturing defects should be included in price. Additional warranty should be quoted separately.
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. Delivery period: 6 weeks from the date of purchase order. 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 02/11/2015 to the following address:

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