



Indian Institute of Technology Kanpur

Samtel Centre for Display Technologies

Enquiry number: SCDT/2013-14/19

Date: September 20, 2013

Quotations from prospective vendors are invited by Samtel Center for Display Technologies, IIT Kanpur for a 3D Optical Profilometer.

Note: The technical and financial bid should be submitted together in separately sealed envelopes. The 3D Optical Profilometer must have following minimum technical specifications.

Specifications:

Light source:	High intensity light sources with color tunability
Microscope:	Upright microscope with turret to accommodate up to 5 objectives
Optical resolution:	0.5 microns or better with 50x objective
Objectives:	2.5x to 50x (at least 3 should be quoted)
XY Stage:	minimum 75x75mm automated travel with stitching capability in XY
Stage Tilt:	$\pm 4^\circ$
Z Stage:	motorized 100 mm vertical range
Z Resolution:	0.01 nm in the entire measuring range
RMS Repeatability:	0.02 nm
Step Height Repeatability:	better than 0.1%
Z Measuring Range:	20mm
Sample Reflectivity:	0.3% to 100%
Camera Resolution:	1024x1024 pixels or higher
Vibration Isolation:	should be included
Calibration Standards:	for lateral and z resolution in the range of equipment capabilities
Software:	User friendly software for data acquisition and analysis (at least 2 offline copies should be quoted).

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. Quotation must indicate both the **CIF** and **FOB** prices. CIF must be till IIT Kanpur.
3. The quoted system must come with minimum one-year warranty on all parts including Light source and immediately following this either a two years of additional warranty or two years of annual maintenance contract. The Warranty must start from the date of installation at IITK.
4. Installation, demonstration, and training-sessions at IIT Kanpur will have to be provided by the manufacturer or the vendor for the quoted system.
5. Quotation should carry proper certifications like proprietary certificate, authorization certificate from manufacturer, etc.
6. Validity of quotation should be at least for 60 days.
7. Maximum educational discounts should be applied.
8. Institute is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%).
9. The delivery period should be specifically stated. Earlier delivery may be preferred.
10. 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 26.09.2013 to the following address;

Room No.305,
Samtel Centre for Display Technologies,
Indian Institute of Technology Kanpur-208016, UP, India.