

Annexure I
Physics Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016

Date: May 29, 2012

Notice Inviting Quotations

Ref. No. IITD/PHY/PS/2012

Due Date: June 30, 2012

Please send your quotations to the undersigned in a sealed cover super scribed with our Ref. No. and due date for 'Probe station' in separate sealed envelopes marked technical and commercial bids.

S.No	Name of item with full specifications	Quantity
1.	Base unit (Including plate ring)	1
2.	X-Y-Z chuck (i) Size: 2" (ii) X,Y stage travel (X:50 mm,Y:50 mm,) (iii) Z travel: 12mm (iv) Probing height adjustment resolution~1 micron	1
3.	Manipulator (i) X-Y-Z travel: (10 mm × 10 mm × 10 mm) (ii) Lateral Resolution ~ 5 micron or better (iii) Including probe tips, BNC cables and wrench	2
4.	Stereo Microscope Having suitable resolution compatible with lateral resolution of 5 um and X-Y travel of 50 mm	1
5.	Tips (i) Tungsten tips of dia ~ 1 micron (Box of 10)	1
6.	Vacuum pump Diaphragm pump, 6 litres/min	1

	<p>Options</p> <p>1. Hot chuck</p> <p>(i) Temp range : RT to 300 °C (ii) resolution: 1 °C (iii) Heater embedded inside of hot chuck. (iv) Including Temperature Control System</p> <p>2. Hot and cold chuck</p> <p>(i) Temp range : -60°C to 300 °C (ii) resolution: 1 °C (iii) Including Temperature Control System</p> <p>3. Vacuum and controlled environment chambers enclosing the probe station for measurements</p>	<p>1</p> <p>1</p> <p>1</p>
	<p>Calibration samples, all necessary adapter, cables and attachments to build the systems should also be quoted.</p>	

All the necessary installation and training must be provided by the vendor.

Users list: Vendors should also specify the user list where the above system has been sold in last 1-2 years to national laboratories and institutes in India.

Warranty: (Required) On-site comprehensive including part replacement specify for 2 years. This should be clearly shown in the technical as well as financial bid. **Vendors should prepare a compliance sheet with technical specification.**

Terms and conditions covering submission of quotations

1. **Delivery:** F.O.B Delhi
2. **Terms of payment:** Letter of credit
3. **Validity of quotations:** **Six months**
4. **Correspondence:** No correspondence regarding acceptance/rejection of Quotation will be entertained
5. **Submission of quotations:** **Separate quotations should be submitted for technical and commercial bid in two separate and clearly marked envelopes**
6. **Educational discounts/rebates:** Wherever admissible
7. **Director's right:** Director reserves the right of acceptance or rejection of any or all quotations without assigning reason

Please send the sealed quotations to

Prof. B R Mehta
Thin film lab
Physics Department
IIT, Delhi-110 016