

**Department of Physics  
Indian Institute of Technology Delhi**

**Date: 23/2/2015**

**Sub: NOTICE FOR INVITING QUOTATIONS (NIQ) FOR MOTORIZED X-Y STAGE AND CONTACT ANGLE MEASUREMENT ASSEMBLY.**

The Department of Physics, Indian Institute of Technology Delhi requires **ONE MOTORIZED X-Y STAGE AND ONE CONTACT ANGLE MEASUREMENT ASSEMBLY**. Kindly send Technical and Commercial bids in the separate sealed envelopes. The two items may be quoted for separately or combined. Your bids must reach the address given below on or before **09-03-2015 (Monday)**.

**Specifications:**

<b>1. Motorized X-Y Stage</b>	<ul style="list-style-type: none"><li>• Travel range: 50 mm</li><li>• Resolution: 1 <math>\mu\text{m}</math> or better</li><li>• Repeatability: ~1 <math>\mu\text{m}</math> (unidirectional)</li><li>• Max. Speed: 1 mm/s or higher</li><li>• Load capacity: Max. 2 Kg</li><li>• Include X-Y and X-Z adapter, M6/M4 mounting</li><li>• Include the Motor Control Unit, cable, software and other accessories necessary for the operation of the stages</li></ul>
<b>2. Contact Angle Measurement Assembly</b>	<ul style="list-style-type: none"><li>• Contact angle measuring range: 1-180°</li><li>• Sample holder: 360° rotatable</li><li>• Dispenser: Mechanical/motorized dispenser</li><li>• Imaging: CMOS/CCD with mount, cable and software</li><li>• Light source: Long life LED with intensity control</li><li>• Optics: Aberration corrected imaging lens with manual/motorized focusing on XY travel mount</li><li>• Include: Complete analysis software for Window and cables and mounts for the operation</li><li>• Dispensers: 50, 100 and 250 <math>\mu\text{l}</math> syringes (2 each)</li><li>• Option for tilt-angle measurement</li></ul>

**Terms and conditions covering submission of quotations:**

- Supply all technical specifications including model number and make.
- Kindly quote the rates for F.O.B prices.
- Validity of the quotation should be at least for a period of three months.
- Clearly indicate whether the prices are inclusive of all taxes. Otherwise indicate all taxes separately.
- Letter from manufacturer to be attached for authenticity of dealership/agency.
- The technical and financial bids should be sealed in separate envelopes before putting them together in the sealed cover.

- Payment terms: Letter of credit OR Payment against delivery (Wire Transfer after receipt of item) as per institute rules.
- Warranty: Three years.
- Items covered in the warranty and warranty Period.
- The Institute has the right to accept or reject any or all quotations without assigning any reason for it.

Quotations should be sent to:

Prof. R.K. Soni  
Department of Physics  
Block VI-201, Indian Institute of Technology Delhi  
Hauz Khas, New Delhi -110016, India.

Phone: 011-26591304

Email: [ravisoni@physics.iitd.ac.in](mailto:ravisoni@physics.iitd.ac.in)