Sealed quotations are invited in two bids (separate quotations for technical and financial bid in separate sealed covers and put together in a common outer envelope subscribing NIQ for AUTOSAMPLER for existing DSC and TGA | Model DSC Q200 and TGA Q 500 on or before 05/10/2012, 17:00 hrs. 
Quotations should be addressed and submitted to:

Prof. Veena Choudhary  
Head, Centre For Polymer Science and Engg.  
Indian Institute of Technology Delhi, 
Hauzkhas, New Delhi -110016.

THE TECHNICAL SPECIFICATIONS ARE AS FOLLOWS:

**DSC Autosampler:**

*Autosampler Performance*

Instrument must come equipped with a robotic autosampler.  
Autosampler must be able to load no less than 50 sample pans and no less than 5 reference pans in one tray.

Autosampler shall accommodate a variety of DSC pan types, including but not limited to: standard, hermetic, open, and high-volume.

Autosampler must employ auto-lid device, which removes all coverings from the DSC sensor with a mechanism independent of the sample loading mechanism.

Maximum time to unload existing sample and load new sample shall not exceed 70 seconds.

Autosampler shall employ mechanical finger-style gripper, not a suction device.

Autosampler shall incorporate redundant optical and electrical pan sensing for maximum reliability.

Autosampler shall include optical sensors for automatic calibration.
Autosampler shall employ automated position calibration routine that requires minimal input from the user. Full auto-calibration should be performed in less than 5 minutes.

Autosampler shall be controllable through a touch-screen display, or by some other means independent of the controlling computer and shall not require regular lubrication.

**TGA Autosampler:**

**Autosampler Performance**

The robotic auto sampler that will hold up to sixteen samples. Auto sampler must be able to run, analyze, and plot 16 samples unattended.

Tray shall be removable to expedite sample loading and unloading.

Software shall include auto-tare feature to tare each pan unattended.

Instrument must be capable of performing a unique experiment on each sample within one loaded sample tray. TGA shall employ software-driven position calibration routines to ensure reliable performance. Total calibration of position shall take no more than 5 minutes

**Terms and Conditions**

1. Validity of the quotation should be for minimum three months.
2. Cost should be on FOB or CIF at IIT Delhi, New Delhi basis. The rate quoted should be inclusive of installation, commissioning, training required and two year of service / maintenance.
3. Payment mode should be clearly mentioned. Preferred payment mode is within 30 days of successful installation.
4. Warranty terms must be clearly stated in the bid.
5. All bank charges outside India shall be on Beneficiary’s account and within India shall be on opener’s account, in case of imported items.
6. Proprietary certificate may be enclosed in case of proprietary item.
7. In case of imported items, **Agency Certificate** from the Principals/manufacturer should be enclosed.
8. Educational Institution discount should be given.
9. The Institute reserves the right to accept or reject any/all of the quotations without assigning any reasons thereof.
10. Delivery period not more than 30 days.