

# PHYSICS DEPARTMENT

## Notice Inviting Quotations

Sealed quotations in two-bids (technical and commercial) are invited for the purchase of a high resolution spectrometer, tungsten halogen light source and other accessories as per specifications given below by 30<sup>th</sup> January 2013.

### Specifications

#### 1. High resolution spectrometer:

CCD Detector range : 300 nm – 1100 nm  
Pixels : >3600 pixels  
Entrance aperture : 25  $\mu$ m wide  
Optical resolution :  $\leq 1.5$  nm at 500 nm (FWHM)  
Signal to noise ratio:  $\geq 300$   
Grating : suitable for the spectral range and resolution  
Detector collection lenses : installed  
Order sorting filter : installed  
Fiber optic connector: SMA 905  
USB port for connection to PC

#### 2. Tungsten Halogen light source:

With housing, power supply, wavelength range 400 – 2000 nm with SMA 905 connector for coupling to spectrometer and other accessories including optical fiber.

#### 3. Suitable Software to study the spectrum when interfacing to a PC.

#### Terms and conditions:

1. Mention the terms of payment, delivery period and warranty
2. F.O.B. at New Delhi
3. If the equipments are propriety items then enclose the propriety certificate
4. Installation and demonstration at IIT Delhi
5. The institute reserves the right to reject or accept any quotations without assigning any reason.

Sealed quotations should reach to Prof. B.D. Gupta, Physics Department, I.I.T. Delhi, New Delhi – 110016 by 30<sup>th</sup> January 2013.