

DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY - DELHI
HAUZ KHAS, NEW DELHI - 110016

Dated: 18th Jan 2013

CORRIGENDUM NIT- 2845 CUM

NOTICE INVITING QUOTATIONS

Sealed quotations in **separate envelopes of “Technical” and “Commercial bid”** kept in one sealed outer envelope are invited for purchase of “UV Vis Spectrometer” as per specifications given below. Your sealed quotation should reach to **Dr. J.D.Singh, Department of Chemistry, Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016** before or latest by **15th February 2013, 5.00 p.m.** Your quotation should be super scribed **“Purchase of UV-Vis Spectrometer” due on 15th February 2013**”.

TECHNICAL DESCRIPTION	
Principle	UV/Vis spectrometer with LOW temperature accessories with PC control
Optics	Double beam sealed, quartz coated, lens free system,
Grating	Concave holographic grating with 1030 lines/mm or better.
Sources	Pre-aligned deuterium and tungsten-halogen lamps with automatic switch over
Measurement wavelength Range	200 – 1100 nm or better. (standalone instrument without using any accessories)
Stray Radiation/Light	Min 0.01 %T
Wavelength Accuracy	Minimum +/- 0.1 nm
Wavelength Reproducibility	Minimum +/- 0.06 nm
Band-pass/Band width	Minimum 4 steps (0.6 to 4nm or better)
Photometric	Min +/- 0.001 A

Accuracy at 1A	
Photometric Reproducibility (at 1A)	Min 0.001 A
Photometric Stability (at 1A) at 500nm	Min 0.00015 A/h
Baseline Flatness(1nm slit)	Min \pm 0.001 A
Photometric Noise Level at 500nm/0A(1nm Slit)	Min 0.00005 A RMS
Standard Software	Scan, Time Drive, Wavelength Programming, Concentration, Bio Assay, Kinetics, Oligo Quant, Validation, Report Builder, Arithmetic etc. should be included as standard feature of the s/w.
Standard Accessories	Quartz cuvette with 10mm path length 4 numbers is to quote.
Local Accessories	PC with 2KV UPS is to be offered with the system.

The equipment should be provided with all necessary accessories and spare parts for a fully functional unit. List of consumables and spare parts along with operation and service manuals should be provided along with the instrument.

TERMS & CONDITIONS

1. The quotations must have validity of at least three months.
2. Quotations must include insurance and air-freight charges, delivery period of the items addresses to "The Indian Institute of Technology, Delhi, India (CIF, New Delhi)." Rate must be inclusive of installation and training at site.
3. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and state. Detailed brochures should accompany the offer.
4. If the bidder is an authorized dealer then the authorized Indian dealership certificate from the principles should be enclosed.
5. Please indicate the Comprehensive warranty/ Service Warranty. Preference will be given for additional warranty.
6. In case the items are proprietary products of the company, a proprietary item certificate stating the same must be provided.
7. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.

Prof. J.D.Singh