

January 4, 2016

NIQ for one UV-Vis Spectrophotometer

Sealed quotations are invited for the supply of one UV-Vis Spectrophotometer in the Department of Biochemical Engineering and Biotechnology. The technical specifications for the UV-Vis Spectrophotometer are given below.

Specifications:-

- True double beam optics.
- wavelength range of 190 nm to 1,100 nm.
- 1 nm spectral bandwidth.
- Wavelength accuracy 0.3nm or better.
- Microprocessor controlled system
- High resolution display panel.
- Wavelength reproducibility of ± 0.15 nm or better.
- Wide Photometric range of -0.1 to +3 Abs or better.
- High Photometric Accuracy of + 0.002 Abs at 0.5 Abs.
- High baseline flatness of +0.002 Abs or better.
- Ultra low Photometric noise of <0.001 Abs.
- Stray light should be less than 0.1% of transmittance.
- Dual source – high intensity Tungsten-Halogen and Deuterium lamp with automatic changeover.
- 4 or more USB ports for high speed PC and printer connectivity, data storage and transfer through USB pen drive.
- High sensitivity matched pair Silicon Photodiode detector
- A pair of quartz cuvette of 10 mm path length, 3.5ml volume and a pair of quartz cuvette for 1 ml volume to be supplied as standard
- Powerful 32-bit Windows XP Professional based Spectroscopy Software to be supplied as standard
- All operational modes as standard – Photometric; Spectrum; Quantitation; Kinetics, Time Scan, DNA and Protein Quantitation in stand-alone and PC mode. Additionally Multi-Component measurement should be available in stand-alone mode
- Should have capability to be used with or without additional computer.
- International certification should be provided.
- The instrument must come with required capacity of Voltage stabilizer to run the system.

Terms and conditions:

1. A minimum comprehensive warranty of 3 years from the date of installation of the instrument.
2. Comprehensive on-site training to the users after installation.
3. Catalogue in original with all technical specifications printed on the catalogue. Principal needs to declare the year of launch of the quoted model.

General instructions:

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.
2. Vendor should get a fresh certificate directly from their product principal's clearly mentioning about warranty for three years of the systems to be delivered.
3. Special discount/ rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Vendors should attach the relevant product brochures and list of users for the model quoted.
5. Validity of the quotation should be at least three months.
6. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without additional charges.
7. Taxes, terms and conditions should be clearly mentioned.
8. In the case the items are proprietary products of the company, a proprietary item certificate stating the same may be provided.
9. Specifications form should be similar to the given specifications sheet.
10. A compliance statement for required specifications should be attached.
11. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
12. Firm MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects
(as per IIT-Delhi rules).

The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.

Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed "Quotation for 1 UV Vis Spectrophotometer") should be addressed to **Dr. Preeti Srivastava, Department of Biochemical Engineering and Biotechnology, IIT-Delhi, Hauz**

Khas, New Delhi 110016 and should reach the Department of Biochemical Engineering and Biotechnology, IIT-Delhi by 1600 hrs by January 18th, 2016.