



Department of Electrical Engineering, Indian Institute of Technology, Delhi

Hauz Khas, New-Delhi -110016, India

NIQ no. IITD/EE/PLN03-BEEN

Due Date: **30.11.2011, 5 PM**

Notice inviting quotations for a UV-VIS-NIR Spectrophotometer

Sealed quotations are invited for a UV-VIS-NIR Spectrophotometer that can have a spectral range between 175 nm and 3300 nm. The purchase will be made through a two part bidding process. Technical and Financial bids have to be made separately. Complete technical information should be provided along with the Technical bid. Please refer to the page on Terms and Conditions for details on how and when to submit the Technical and Financial bids.

Required Specifications for the UV-VIS-NIR Spectrophotometer

1. The spectral range should be Between 185 nm and 3300 nm.
2. The resolution should be at least 0.1 nm.
3. Wavelength accuracy should be ± 0.2 nm for the UV/VIS region and ± 0.8 nm for the NIR region.
4. The minimum sampling pitch should be 0.01 nm with the highest sampling pitch value should at least be 5 nm.
5. The Stray light should be less than 0.00008% (220 nm), less than 0.00005% (340 nm), less than 0.0005% (1420 nm), less than 0.005% (2365 nm).
6. The spectrophotometer should have a double beam photometric system.
7. The warranty for the spectrophotometer should be at least 1 year.

Asst. Prof. A. Dhawan
(Principal Investigator)

Terms and Conditions

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as "Technical Bid" and "Financial Bid" respectively. Both the sealed envelopes should be sent in a single sealed envelope, clearly marked as "Quotations for a UV-VIS-NIR Spectrophotometer". The quote should reach the following address on or before **30.11.2011, 5 PM**:

Dr. A. Dhawan
Block II, Room 216,
IIT Delhi, Hauz Khas,
New Delhi, 110016, India

2. Please quote prices at FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupees for Indian agents, or in foreign currency, for foreign agents, and needs to be valid for at least three months.
4. Attach all the technical literature and a list of similar installations done in India.
5. If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed.
6. Complete set of manuals for the operation of the equipment should be given.
7. Clearly specify the installation requirements – such as space, power, frequency, environment etc.
8. If the item quoted is proprietary in nature, please enclose proprietary certificate from the principals stating, "Certified that _____ is a proprietary of M/s _____ and no other manufacturer makes this item."
9. Please attach a signed and stamped compliance chart for the specifications. The format of the compliance chart is attached to this document.
10. Please specify all of your terms and conditions clearly, including delivery period.
11. Preferred modes of payment for foreign agents are through letter of credit, or as payment on delivery. For Indian agents, typically payment is on delivery.
12. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

Asst. Prof. A. Dhawan
(Principal Investigator)

Compliance Chart

	Parameter	Requirement	Model Spec	Complies
1	Spectral range	185 nm to 3300 nm		
2	Resolution	Less than 0.1 nm		
3	Wavelength accuracy	±0.2 nm for the UV/VIS region and ±0.8 nm for the NIR region		
4	Sampling pitch	0.01 nm – 5nm		
5	Stray light	Less than 0.00008% (220 nm), Less than 0.00005% (340 nm), Less than 0.0005% (1420 nm), Less than 0.005% (2365 nm)		
6	Photometric System	Double beam		
7	Minimum warranty for the spectrophotometer	1 years		