

Dr. S. S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh

June 27, 2019

NOTICE INVITING QUOTATIONS FOR UV SPECTROPHOTOMETER

Sealed Quotations, in duplicate, are invited from authorized distributors by registered Post/Courier for the supply of UV SPECTROPHOTOMETER, along with the ACCESSORIES, as mentioned in the specifications of the Equipment, to be purchased by the Prof. Anupama Sharma, Principal Investigator, DST Project, Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh.

1. The make, packing, and other particulars of the item should be clearly stated.
2. While submitting the quotations please take in to consideration the following points:

LAST DATE AND TIME FOR RECEIPT OF QUOTATIONS: 18.07.2019 till 4:00 pm

DATE AND TIME OF OPENING OF QUOTATIONS: Will be intimated later through email

3. Tenders received after the due date will not be accepted. If the last date for submission of Tender falls on any declared holiday in the University, the next working day will be considered as the last date for the same.
4. The bids prepared by the Tenderer and all correspondence and documents relating to the bids, shall be written in English language.
5. The contract for the supply of the items is non-transferable.
6. Each offer should be complete in all respects.
7. Telegraphic/electronic/conditional offers will not be accepted

GENERAL TERMS AND CONDITIONS

1. Please quote F.O.R destination Chandigarh.
2. Prices should be quoted separately for the main equipment and the optional accessories.
3. Tenders should be sent with 2% EMD (of the total cost of the equipment) by DD, (returnable at the time of installation) in favour of Principal Investigator, DST Project, Panjab University, payable at Chandigarh. The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
4. EMD, Technical quote and Price quote all should be in separate sealed envelopes, clearly marked as “EMD”, “Technical Bid/Quote” and “Price Bid/Quote”. Put all envelopes in one big envelope.
5. The envelope containing EMD, Technical quote and the price quote must be marked with : “QUOTATION for UV SPECTROPHOTOMETER UNDER DST PROJECT” and

addressed to Prof. Anupama Sharma, Principal Investigator, DST Project, Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh.

6. It should be clearly stated that the rates are inclusive of taxes and everything including packing, transport, freight, insurance, custom charges etc.
7. Ensure that all essential spare parts and maintenance/repair services will be available in India with Indian agent as and when required
8. Validity of the Quotation should be at least 90 days
9. **Warranty Period:** The warranty period should be minimum 2 years (with spares) from the date of installation with satisfactory performance as per specifications.
10. **Installation requirements:** The Supplier will clearly mention installation requirements on our part in the Techno-Commercial bid
11. **Descriptive literature:** The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender.
12. **Equipment must be new:** The Tenderer must ensure that the equipment being offered is a new one and not refurbished or repaired one.
13. **Defective Equipment:** If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description /specification or otherwise faulty, the PI will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment has already been made to him.
14. All damaged or unapproved goods shall be returned at suppliers cost and risk and the 5 incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges
15. Also provide :
 - a) Certificate that the quoted price is reasonable, not greater than that charged from any other Govt. institute,
 - b) Copy of authorization by the manufacturer or the Indian agent,
 - c) User list in India
16. GST is to be charged @ 5% as the equipment is to be used for research work (the necessary certificate for exemption in GST will be provided at the time of placing the order)

Note: It is for the information of all the departments that in terms of the government of India, notification no. 47/2017 integrated Tax (Rate) dated 14.11.2017 and P.U. Notification dt. 23/01/2018, the applicable Integrated Tax (Rate) under GST Act 2017 on goods procured for Scientific and research purpose shall be 5%. You are requested to charge the GST @5% in compliance to the aforesaid notification.

TECHNICAL SPECIFICATIONS OF UV-VISIBLE SPECTROPHOTOMETER

- Optical system : Double Beam
- Monochromator : Double Monochromator comprising of 2 Diffraction gratings
- Wavelength range : 190 to 900 nm
- Spectral bandpass : 0.1, 0.5, 1, 2, 4, 5nm (6steps)
- Stray light : 0.00025% or less

- Wavelength accuracy : ± 0.1 nm or better

- Wavelength setting repeatability : ± 0.05 nm or better

- Photometric range : -5.5 to 5.5 Abs / 0 to 300% T

- Photometric accuracy : ± 0.002 Abs (0 to 0.5 Abs)
 ± 0.003 Abs (0.5 to 1.0 Abs)

- Photometric repeatability : ± 0.001 Abs (0 to 0.5 Abs)
 ± 0.0015 Abs (0.5 to 1.0 Abs)

- Wavelength scan speed : 1.5 to 2400 nm/min in various steps

- Baseline stability : 0.0003 Abs/hr or better

- Baseline flatness : ± 0.0004 Abs or better

- Light source : Deuterium lamp for UV region & Tungsten Iodine lamp for Visible region

- Lamp source changeover : Automatic (user selectable from 325 to 370 nm)

- Detector : Photomultiplier Tube (PMT)

- Software : Having features like spectrophotometer control, execution of measurement, recording & display, data processing etc.

- Optional Accessories
 1. Film holder (optional)
 2. One pair of quartz cuvette
 3. PMT for extended wavelength up to 1100 nm (optional)
 4. Suitable DRA accessories 60 mm or more diameter
 5. Branded PC with laser printer