



## UNIVERSITY OF DELHI SOUTH CAMPUS

Department of Microbiology  
University of Delhi South Campus  
New Delhi-110021  
Tel. 011-24157380, Fax. 011-24115270

No: Micro-SDC/2019-01/ 978

Date: 04.02.2019

Quotations are invited under the two-bid system for **Dual beam UV-VIS Spectrophotometer with FOR destination** (Department of Microbiology, University of Delhi South Campus) **price (Indian Rupees only)** for supplying and installation of the item as described below:

Description and Technical Specifications	Quantity
<ol style="list-style-type: none"><li><b>Optics:</b> Monochromator with grating and real dual beam</li><li><b>Light Source:</b> Deuterium &amp; Tungsten Halogen Lamp with automatic changeover</li><li><b>Wavelength range:</b> 190-1100nm with Stray Light reduction technology</li><li><b>Variable spectral resolution</b> with 0.2, 0.5, 1, 2, and 4 nm</li><li><b>Turbid samples:</b> Inbuilt mechanism of turbid samples or equivalent attachment must be quoted in the final price</li><li><b>Wavelength resolution:</b> 1 nm spectral bandwidth over the entire range</li><li><b>Scanning speed:</b> minimum 3,000 nm/min or better</li><li><b>Photometric range:</b> -3A to 3A or better</li><li><b>Wavelength accuracy:</b> <math>\pm 0.1</math> nm or better</li><li><b>Photometric Reproducibility:</b> <math>&lt; 0.0005</math> A</li><li><b>Wavelength correctness:</b> <math>\pm 0.5</math> nm</li><li><b>Wavelength reproducibility:</b> <math>\pm 0.02</math> nm</li><li><b>Low volume measurement:</b> Possibility of micro-volume measurement using small cells (5 <math>\mu</math>l to 10 <math>\mu</math>l)</li><li><b>Quartz Cell:</b> one pair Quartz Cell (10nm) of 1 to 3 ml capacity</li><li><b>Software:</b> Complete control of the machine with software, Kinetic analysis, UV/Visible graph, Quantitation &amp; analysis, Time scanning analysis using the software. Easy data transfer in window-compatible software's.</li><li><b>PC Specification:</b> Branded PC to support the software and data analysis (Dell/HP/Lenovo/Apple): Minimum, 4 GB RAM, Core i5 processor or better, 1TB Hard disk, Data transfer with USB, 19-inch monitor. The PC should have original window 8 or</li></ol>	2

higher software with the license. PC connection via cables or USB port.

17. **Spare Light bulbs:** At least one spare Tungsten/Halogen (1) Lamp
18. The vendor should be ISO 9001 & CE Certified, or Certification of European/USA/ Japan standard is required. Documentary proof to be submitted.
19. **Note:** Nothing is optional in above specifications; therefore the quoted commercial bid should include everything mentioned above. Original brochure highlighting the requested specifications must be enclosed with the bid.
20. **Warranty:** Comprehensive warranty for a minimum of two years or more.
21. **User List:** A list of at least 20 users of the same make and model in and across research institutions/universities/any other government funded institution in India should be provided along with contact details of the users.
22. **Please Note:** IGST/CGST+SGST @5% would be applicable under custom Notification of 47/2017 for supply to the University of Delhi south campus. DSIR certificate will be provided on request.

#### Important Information:

1. The quotations should be addressed to Head, Department of Microbiology, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, and should be submitted latest by **24<sup>th</sup> February 2019** on e-procurement portal only.
2. Quotations have to be submitted in a **two-bid system**. The first part, **Technical bid**, should consist of all technical details and supporting documents with terms and conditions. **A Compliance Sheet must be filled by the vendor**, against each point, and giving reference of the same (page number, line number) in the supporting company brochure/document.
3. The second part, **Financial bid**, should contain item-wise pricing of items mentioned in the technical bid.
4. The bidder will have to quote all the items together: partial quotes will not be accepted. For each item, make, and model have to be mentioned clearly.
5. The quote should be valid for 90 days from the last date of submission.
6. Payment will be made by wire transfer after installation of the instrument.

*Rani Gupta 04/02/2019*  
Prof. Rani Gupta

Head, Dept. of Microbiology

**HEAD**  
**DEPARTMENT OF MICROBIOLOGY**  
**UNIVERSITY OF DELHI SOUTH CAMPUS**  
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