

**Central Instrumentation Facility
University of Delhi South Campus**

Ref. no. UDSC/CIF/2023/UVS

Quotations are invited through CPP portal (e-procurement) under 2-bid system for “**Microvolume UV-Vis Spectrophotometer**” (Nanodrop) (quantity: One) with FOR destination price to be quoted in INR for University of Delhi, South Campus. The quote should be inclusive of all taxes and duties for supplying and installation of the item as described below.

Name of the equipment: Microvolume UV-Vis Spectrophotometer (Nanodrop)

Specifications and Technical details:

Quantity: One

Equipment: - Microvolume UV-Vis Spectrophotometer (Nanodrop)

Quantity: One

Technical Specifications details:

Certifications/Compliance	CE and UL/CSA.
Compatibility	Label Writer Printer, Bluetooth keyboard, mouse, and barcode reader
Concentration	Nucleic acid: Upto/not less thn 27,500 ng/ μ L
	BSA (IgG): Upto / Not less than 820 (400) mg/mL
Connections	USB ports, Ethernet, Bluetooth™ and Wi-Fi
Description	UV-vis spectrophotometer for precise quantification and assessment of highly concentrated DNA, RNA & protein samples
Detection Range	dsDNA: 2.0 ng/ μ L, Cuvette: 0.2 ng/ μ L,
	BSA (IgG): Pedestal: 0.06 (0.03) mg/mL, Cuvette: 0.006 (0.003) mg/mL
Detector Type	2048-element CMOS Linear Image Sensor
Display	Integrated display. High-definition color display, 1280 x 800 pixels



Dimensions (L x W x H)	20 x 25.4 x 32.3 cm (8 x 10 x 12.7 in.)
Languages	English
Light Source	Xenon Flash
Spectral Bandwidth	≤1.8 nm (FWHM at Hg 254 nm)
Voltage	12 VDC
Wavelength Range	190 to 850 nm
For Use With (Application)	Nucleic Acid A260, A260/A280, A260/A230 and Labeled Nucleic Acids; Protein A280 and A205, Protein Pierce 660, Protein Bradford, Protein BCA, Protein Lowry, Labeled Proteins,
	OD600, Kinetics, UV-Vis, and Custom Methods
Keypad	Built-in touchscreen, multipoint capacitive touch
Measurement Time	8 seconds
Pathlength	0.030 to 1.0 mm (auto-ranging)
Photometric Accuracy	3% at 0.97 A, 302 nm, (Absorbance expressed at Abs/mm at 25°C)
Photometric Range	10 mm equivalent: Pedestal: 0–550 A; Cuvette: 0–1.5 A
Printer Included	External Printer: Label Writer 450 printers
Repeatability	Typical: 0.002 A (1.0 mm path) or 1%CV, whichever is greater
	(SD of 10 individual measurements at 0.97 A)
Sample Volume (Metric)	Minimum 1µL
Wavelength Accuracy	±1 nm
Accessories	Laptop Compatible with appropriate OS (Windows/Mac) with minimal configuration of: 16 GB RAM, 250 GB SSDHDD, and UHD display

General Instructions

1. Premium branded instrument should be provided to ensure the high quality and reliability of experimental outcome.
2. Details on website & product literature justifying the technical specifications must be provided. The vendor must provide appropriate link/ website detail to verify the technical specifications mentioned in the provided product broacher.

3. The system should come along with 5 years of warranty. Should be supported with remote services, cloud connectivity online monitoring, and external barcode using USB, etc.
4. The supplier should have service center in Delhi/NCR for quick service within 48 to 72 hours
5. 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, with the company seal, by the Tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the Tender.

Important information:

1. The quotation should be addressed to the "Chief Executive Officer, Institute of Eminence, University of Delhi, Delhi-110007". The quote should be submitted with all terms and conditions and necessary documents latest by end of tender date.
2. Quotations must 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. The compliance sheet must be filled by the vender.
3. The second part, financial bid, should contain item-wise pricing of items mentioned in the technical bid. Both the quotation documents/ bids are to be submitted through GeM/ CPP portal of the Government of India only (e-procurement). Hard copies of bid will not be accepted.
4. Bank guarantee in INR 3% of the value of the instruments quoted should be provided along with the tender documents, in favour of "Chief Executive Officer, Institute of Eminence, University of Delhi, Delhi-110007".
5. The bidder will have to quote all items together. Partial quotes will not be accepted. For each item, the make, model and technical specifications and quantity must be mentioned clearly. Original brochure must be provided.
6. The CIF-UDSC purchase committee reserve the right to request the participating vender for demonstration of the all the quoted technical specification/ capabilities of the offered model preferably at CIF South Campus, New Delhi-21, or within the Delhi state. The CIF-UDSC purchase committee reserve the right to disqualify a participating vender if they fail to demonstrate the quoted technical specification and/or capability of the offered equipment/ model.
7. The quote should be valid for 90 days from the last date of submission of bid.



