

**AIC IIT Delhi Sonipat Innovation Foundation
(AIC IIT Delhi)**

REF: AIC/Equip/2025


Date: 4th June, 2025

Notice Inviting Quotation

UV-VIS Spectrophotometer (Double Beam)

Description/Specification		
SPECIFICATIONS FOR DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER		
Sr. No.	Parameter	Range
1	SPECTROPHOTOMETER UV-VISIBLE DOUBLE BEAM with TOUCH SCREEN PANEL	
2	Wavelength Range	190 – 1100 nm or better
3	Spectral Bandwidth	1 nm for entire range
4	Photometric system	True Double Beam with Si diode detector. The instrument must have two separate cuvette holder each for Sample and Reference.
5	Monochromator	Holographic grating in Czerny-Turner mounting with LO RAY LIGHT Diffraction Technology
6	Light source	Deuterium and Halogen/ Tungsten Lamp and auto adjustment for maximum sensitivity
7	Detector	Silicon photodiode
8	Wavelength accuracy	± 0.3 nm for full range or better
9	Wavelength setting	0.1 nm (scan range)
10	Wavelength repeatability	± 0.1 nm or less
11	Photometric range (Absorbance)	-4.0 to 4.0 Abs
12	Photometric accuracy	±0.003 Abs (at 0.5 Abs) and ±0.005 Abs (at 1.0 Abs) or less using NIST 930D filter
13	Photometric repeatability	Photometric repeatability accuracy achieved must be 0.0002 Abs max. (0.5 Abs and 1.0 Abs)
14	Scan speed	3000 nm / min or better with survey scan speed up to 28,000nm/min for faster analysis
15	Stray Light	Less than 0.02% at 220 nm and at 340 nm
16	Noise Photometric	Less than 0.0006 Abs

For AIC IIT DELHI SONIPAT INNOVATION FOUNDATION


 4/6/25
 Authorised Signatory



AIC IIT DELHI
Sonipat Innovation Foundation
Supported by AIM, NITI Aayog



17	Baseline Stability	± 0.0001 Abs/hr or less
18	Software	Instrument should have standard software with Photometric, Spectrum, Quantitation & Time-scan modes of operation and other optional program pack can be added
19	Data Storage	Instrument should have facility for data storage and transfer on USB drives.
20	Instrument should be supplied with a pair of quartz cuvettes with 10 mm path length	
21	The instrument must have compliance with FDA 21 CFR Part 11 and PIC/S GMP guidelines (as a part of future upgradability)	
22	Data Processing System	Compatible Desktop PC must be supplied along with UV-Vis instrument.
<u>Special Terms and Conditions</u>		
1	Warranty	24 months from the date of installation.
2	Installation and Demonstration	Free of cost at site with all accessories.
3	Certification	CE / UL or equivalent certificate of the quoted.

* **Sampling:** The sample will be tested for worthiness as per AIC IITD conditions and will be approved by the Biotech expert member from FITT, IITD.

Terms & Conditions Details

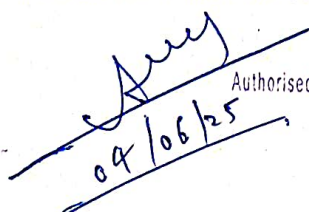
Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid

Opening of the tender: The bid will be opened by a committee duly constituted for this purpose. The technical bid will be opened first, and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification.

Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.

Two separate sealed envelopes to be submitted for technical and financial bid (clearly labelled as “technical bid” and “financial bid”) respectively.

For AIC IIT DELHI SONIPAT INNOVATION FOUNDATION


04/06/25
Authorised Signatory

The last date of submitting the bids will be 20th June 2025 before 5:00 pm to:

The quote should reach the following address on or before the last date.

Alok Pandey
CEO, AIC IIT Delhi,
Regd. Offi. 3rd, 4th Floor, IIT Delhi Technopark (I-TEC)
Plot No. 4-B, RGEC, PO RAI, Sonipat, Haryana- 131029
Email: alokpandey@aic-iitd.in

Please quote prices for FOB Sonipat (Haryana), inclusive of all taxes and duties.

Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.

Attach all the technical literature and a list of similar installations done in India.

If the quote is submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to AIC IIT Delhi on behalf of the manufacturers should be enclosed. The principal and the vendor are not allowed to quote for the same product.

A complete set of manuals for the operation of the equipment should be given.

Please specify all of your terms and conditions clearly, including delivery period.

Mode of payment for purchases in foreign currency are through irrevocable letter of credit, or through wire transfer on delivery. Only bank charges within India are payable by AIC, IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.

For AIC IIT DELHI SONIPAT INNOVATION FOUNDATION

04/06/25
Authorised Signatory