

Specification for UV/Visible Spectrophotometer

1. Suitable for Measuring DNA RNA and Protein
2. Should have preprogrammed method for nucleic acid concentration and purity, protein assays and cell density.
3. Should have programme to quantify concentration of dsDNA,ssDNA,RNA by ratio 260/280 with correction at 320 nm
4. System should also provide peak level between 200-350 nm for checking purity level of RNA
5. Wavelength Range: 198nm -800 nm
6. Light Source should be Xenon lamp
7. Spectral Bandwidth: 3 nm
8. Accuracy: ± 2 nm
9. Repeatability: ± 2 nm
10. Optics : 1024 element scanning diode array
11. Scan speed should be 3 sec or less for entire wavelength range

12. Photometrics

- a. Absorbance: -0.300 to 2.500 A
 - b. Transmittance 0-199.9 %
 - c. Accuracy: ± 0.01 Abs at 1.000 Absorbance
 - d. Stability: ± 0.005 A/h at 0.04A
 - e. Noise: ± 0.002 A at 0.04A and ± 0.02 A at 2.0A
 - f. Stray Light: $<1\%$ T
13. Spectrum Scan Facility
 14. Beam Height: 15mm
 15. Outputs: USB x 2
 16. Power:12V DC,3.8A
 17. Display : 4 “ color touch screen display
 18. Should come with Micro cuvette holder to accommodate 500 ul cuvette
 19. CE and ISO certified

Optional Items

The following items should be quoted as optional item.

20. Disposable cuvettes of the appropriate size, per pack/piece should be quoted:
Quantity to be procured: 100-500 pieces
21. Glass and quartz cuvettes of the appropriate size should be quoted per piece:
Quantity to be procured: 1-10

Eligibility Criteria

- Bidder should be Manufacturer/ Authorized Partner/ Reseller of the manufacturer and a Letter of Authorization from manufacturer for the same and specific to the tender should also be enclosed. The bidder should also be the Authorized Service Provider.

- Bidder should be financially sound to execute the order. Certificate to this effect should be issued by any nationalized/ scheduled bank showing its annual turnover of at least 25Lakhs each in the last three financial years.
- The Bidder shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number issued by the concerned authorities.
- The bidder should enclose similar orders provided to various reputed Government Institutes/Research labs/ICAR/CSIR institutes throughout India in the last 5 years.
- Separate technical and price bid should be uploaded.
- Technical Bid must contain a Technical Compliance sheet. Technical compliance sheet must have the page number of a published catalogue/operating manual/manufacture website as proof for compliance with the instrument and accessories for each technical points. Relevant copies of catalogue/operating manual/manufacture website pages that have been listed as proof should be attached.
- All vendors are requested to attach original technical literature/ catalogue in support of the mentioned specifications & highlight the above features. The same features should be available in the company website.
- Price Bids should contain the prices, terms of delivery, sales, payment terms etc.
- The bidder must not be blacklisted by Delhi University. A Certificate or undertaking to this effect must be submitted.
- A copy of the Technical bid must be provided to Dr. Kaustuv Datta, Department of Genetics, UDSC, Tel: 011-24119810

No Commitment to Accept Lowest or Any Tender

- Demonstration of the equipment will be required if needed.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

Warranty /Comprehensive Maintenance

- Warranty 2 years including xenon lamp from date of installation
- Warranty upto 5 years from date of installation on the machine including xenon lamp after expiry of standard warranty should be quoted, year wise under optional items in the price bid.
- Installation and commissioning to be completed up to the satisfaction level of the technical purchase committee followed by training and handling by the bidders

Price quotation

- F.O.R. UDSC price only in INR to be quoted which includes transportation charges to site of installation. IGST/CDEC will be provided.
- Payment will be made against successful installation.
- Validity of the quotation should be till 31st March 2019.
- Vendor must supply the order within two weeks of the order

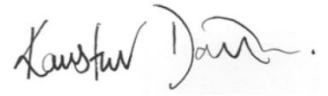
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Bid Document Download Start Date: 02-02-2019 (14:00 Hrs)

Bid Submission Start Date: 03-02-2019 (10:00 Hrs)

Bid Submission End Date: 09-02-2019 (17:00 Hrs)

Bid Opening Date: 11-02-2019 (11:00 Hrs)



Kaustuv Datta

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All the relevant documents related to tender can be found on CPPP portal