

Department of Biochemistry
University of Delhi South Campus
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Quotation Invitation Letter

Date: 24-07-2018

Ref. No. – UDSC/BIOCHEMISTRY/2018 /101

PURCHASE OF MULTIMODE MICROPLATE READER

Quotations are invited through e-procurement for the following equipment to be uploaded latest by **24th August, 2018**

Name of the equipment : MULTIMODE MICROPLATE READER

Quantity : One

Specifications and Technical Details:

1. Stand-alone monochromator based Microplate Reader for Spectral Scanning, Kinetic Reading and End-point reading with touch screen interface, Xenon flash lamp light source and PMT detector.
2. Suitable for measuring absorbance (230 – 900 nm or better), fluorescence (250 – 850 nm or better) and luminescence (300 – 700 nm or better). System should offer Path Check Sensor/Path Length Correction facility to automatically normalize well absorbance equal to 1 cm path length.
3. Suitable for scanning and detection of plate formats from 6 to 384 wells.
4. Cuvette port for absorbance. If not inbuilt, cuvette adaptor should be quoted separately.
5. Temperature control from 5 deg upto 45 deg C with temperature uniformity and accuracy of 1 deg C
6. Reading time upto 30 seconds for 96 wells and upto 2 minutes for 384 wells.
7. Absorbance - monochromator based, accuracy less than 3nm, bandwidth 4 nm or less, Dynamic Range: 0-4 Abs or better.
8. Sensitivity of measurement- Fluorescence less than or equal to 3 pm with both top and bottom read, Luminescence - less than or equal to 5 pm. Dynamic range for fluorescence - > 6 logs or better; Dynamic range for Luminescence > 7 decades or better.
9. The system should be provided with software for detailed analysis of result on PC.
10. The quote should include external PC for use with the equipment.
11. The accessories should have CSA, UL, ISO, CE or other standard international certifications.
12. Warranty must be applicable for 60 months from the date of installation with facile after sales service.
13. Software support should be available during the course of warranty.

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 shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number issued by the concerned authorities.
- 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/ technical specifications/ accessory information/manufacture website as proof for compliance with each technical point. Relevant copies of published catalogue/ technical specifications/ accessory information/manufacture website that have been listed as proof should be attached.
- The bidder must not be blacklisted by Delhi University. A Certificate or undertaking to this effect must be submitted.

Instructions to Suppliers:

Two types of quotations are to be submitted in e-procurement site : **Technical and Financial.**

Technical Quotations should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 60 days from the due date.

Pictures of the equipment must be included with similar specifications as above with logo or name of the company on them. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features maybe highlighted along with their applications and advantages over other available accessories.

A user list of atleast 5 (five) users of the equipment quoted (who have installed and used them successfully for years) with complete addresses / e-mail IDs / phone nos should also be appended.

Financial Quotations should contain price of the equipment, accessories, discount if any, packaging and forwarding charges, Air Freight and insurance charges, custom duty and clearance as well as transportation charges to the site of delivery/installation. The price quoted should be F.O.R. destination (UDSC). CDEC will be provided, if needed.

Payment will be made against successful delivery and after confirmation that the item is intact and functional.

The supplier should provide quotation or tender through e-procurement site.

No Commitment to Accept Lowest or Any Tender

- Demonstration of the item or its use will be required, if needed
- Institute reserves the right to order equipment/accessories with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof.
- 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.



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