

Indian Institute of Technology Kanpur

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Enquiry No: IITK/CHM/AKP/2018/03

Opening Date: January 16, 2018; 10 AM

Closing Date: February 12, 2018; 5 PM

Subject: Quotation for supply of Microplate Spectrophotometer

Dear Sir/Madam:

Sealed quotes are invited for the supply of **Microplate Spectrophotometer**, as per the specifications given below.

The prospective suppliers are required to send quotation in sealed envelopes. The detailed technical specification, standard/special features of the product being offered should be clearly highlighted. The offered price include the detailed itemized price quotation clearly mentioning the cost of the equipment, applicable discount, taxes, service charges if any, shipping and handling charges.

Technical Specifications Microplate Spectrophotometer:

The specification mentioned below is preferred. Any equivalent or better specifications shall be mentioned in detail for consideration. The following criteria should be met:

Compatibility: Compatible with Multi-volume plate for 2 μ L measurement, as well as BioCell, and Cuvette measurements (optional).

Applications: Nucleic acid quantitation, Protein analysis, Spectral analysis, Colorimetric assays, EIAs/ELISAs, Drug dissolution profiles.

Detection modes- Absorbance

Read methods- Endpoint, kinetic, spectral scanning, well area scanning.

Microplate types- 6, 12-, 24-, 48-, 96-well plates

Light source: Xenon flash lamp

Detector: photodiode

Wavelength selection: monochromator

Wavelength range: 200 to 999 nm, in 1 nm increments

Monochromator bandwidth- 5 nm

Dynamic range: 0.0 - 4.0 OD

Resolution- 0.0001 OD

Pathlength correction- yes

Monochromator wavelength accuracy- ± 2 nm or better

Monochromator wavelength repeatability- ± 0.2 nm or better

OD accuracy/ OD linearity/ OD repeatability- Satisfactory (± 1 to $\pm 3\%$ for 0.0-2.5 OD)

Reading speed (kinetic)- satisfactory

Stray Light: 0.03% @230 nm or better.

Power: 100-240 VAC, 50-60Hz.

Other labware supported- should support Micro-Volume Plates

Software- Included Data Analysis Software for supported applications (viz. Nucleic acid quantitation, Protein analysis, Spectral analysis, Colorimetric assays, EIAs/ELISAs, Drug dissolution profiles).

Your quote should mention/include the following:

- Validity at least for 60 day. Delivery time 60-90 days.
- Warranty preferably for 2 years.
- Mention F.O.R. Destination or C.I.F (New Delhi) prices separately if requires import.
- The quote should cover insurance and transport up to Kanpur.
- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Technical literature to support your product.
- Users' list with contact address.

Concessional rate of GST (@5%) will be applicable with reference to Notification No. 45/2017-Central Tax (Rate) dated 14/11/2017. We will provide relevant certificate for this purpose. On import items for research purpose presently the GST applicable is 0% (zero). DSIR certificate alongwith CDEC has to be submitted for availing concession. Vendor should use these GST rates in their quotation.

- IITK has exemption on excise and custom duty. Suitable certificate would be provided if required by the supplier.

The quote should reach the undersigned on or before **12th February, 2018**. The envelope should be marked as **"Quote for the supply of Microplate Spectrophotometer"**

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