



## DEPARTMENT OF BIOCHEMISTRY

Sealed quotations are invited for the supply of ELISA plate reader (as per specifications given below). All quotations must be marked "ELISA plate reader : UGC SAP Project-Biochemistry" and should be addressed to :

The Coordinator, UGC SAP Project, Department of Biochemistry, University of Allahabad, Allahabad 211002

Quotations must reach the Biochemistry department within 10 days of the upload of this query on the Allahabad University website.

Authorization letter from the company should be enclosed

**Technical specifications: ELISA plate reader**

**Preferred makes: Biotek/Biorad/Thermo Fisher Scientific**

- Elisa Reader for 96 & 384 well plate and provision to read single cuvette in 200-900nm range.
- A monochromator based UV/Vis spectrophotometer
- The system is able to read 96 & 384 well plates and **low volume cuvettes of any path-length.**
- Instrument is able to provide the wavelength range from **200nm to 1000nm** with 1 nm steps.
- System is capable to do spectral scanning option for standardizing new assays.
- The applications include nucleic acid quantification, protein assays , enzyme kinetic assays, immunoassays (ELISA) , cell toxicity assays, apoptosis and reporter gene assays.
- The instrument has inbuilt **incubation** and **linear shaking** options for ELISA, enzyme kinetic assays etc.
- Incubation temperature: from ambient +4 °C to +45 °C.
- System should be an open system and able to accommodate any consumables from any manufacturer.
- Instrument has an option for pathlength corrections to correlate the microplate data to cuvette, in case of nucleic acid quantification performed on microplate.
- System can run in stand-alone mode OR with computer & software controlled.
- Analysis software should be supplied with the instrument and has unlimited user system license.
- The instrument should equipped with USB port for the easy data transfer.
- Self diagnostics option to give a guaranteed high quality data.
- Should be quoted with compatible computer & UPS .
- Should be provided with 2KVA Online UPS.
- **It is mandatory that arrangement should be made to demonstrate this instrument with all consumables which may be required for full functionality**

*C I Rizvi*

**(S I Rizvi)**

Coordinator  
UGC SAP Project, Department of Biochemistry  
University of Allahabad