



DEPARTMENT OF MICROBIOLOGY
BASIC MEDICAL SCIENCE BLOCK-I

Panjab University
South Campus, Sector-25
CHANDIGARH-160014

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Chairperson

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Ref. MIC/14/.....

Dated:

QUOTATION NOTICE

LAST DATE AND TIME FOR RECEIPT OF QUOTATIONS:-03.12.2014
at 3.00 PM

DATE AND TIME FOR OPEN THE QUOTATIONS:- 04.12.2014 at 3.00PM in the
Chamber of Chairperson, Deptt. of Microbiology, Sector-25, Chandigarh

Technical Specifications for
Absorbance/Fluorescence/Luminescence Microplate Reader

1. The instrument should be capable of doing UV/VIS Absorbance (200-1000 nm), Fluorometric Intensity and Luminescence end point and kinetics measurements.
2. Instrument specification should be tested and guaranteed.
3. Instrument should have Filters wheel for wavelength selection. Upto 4 excitation and 4 emission filter positions.
4. Instrument should read 1 well to at least 96 (preferably 384) well plate formats.
5. Fluorometry: Excitation range: 340 - 700nm, Emission: 400 -670nm.
6. Fluorescence intensity sensitivity of 2 fmol fluorescein per well in a black 96 well plate.
7. Instrument should have both Top and Bottom reading for cell based assays.
8. Luminometric sensitivity of 40 amol ATP/well using flash reaction, with white atleast 96 well plate.
9. Measurement Speed : 96 well plate in 15 seconds.
10. On-board incubator up to 45 °C and orbital shaking option.
11. The instrument should have Quatz-Halogen and Xenon Lamps and Photomultiplier tube as detector for Fluorometry and Luminescence.
12. System should be supplied with Computer and Analysis software with unlimited user license.

Terms and conditions

- Warranty should be three years from the date of installation
- 2% amount as EMD in the form of Draft in the name of The Chairperson, Department of Microbiology, Panjab University. Refundable to the relevant firm at the time of installment.
- At the time of installation company has to deposit a draft of 5 per cent of the cost in the name of the Chairperson, Dept. of Microbiology as security, refundable after 3 months of installation depending on the proper functioning of the instrument.
- Quote FOR rates
- Send quotations by registered post only