Technical Specification for Microplate Spectrophotometer

Date: 25.05.2012

- IVD Certified Elisa reader.
- Able to read samples from approx. 200 – 1000nm wavelength range with 1nm increment.
- Must be compatible with low volume 2µl plate.
- Plate type – 6,12,24,48,96 and 384
- Wavelength repeatability – ±0.2nm
- Wavelength accuracy – ±2nm
- It must be able to do end point, kinetcs, spectral analysis and well area scanning.
- Reading speed 15 sec for 96 well plate.
- There should be pathlength correction feature that could normalize well data to standard cuvette data without transferring to excel sheet.
- Light source – Xenon lamp
- Reader must be controlled through software
- PC Controlled Software for data reduction and analysis.
- Software must run calibration and standard protocol.
- In calibration protocol standards can be used for other samples for later use.
- Multiple standards group can be put.
- Control for each sample can be defined separately.
- Control for all samples can be assigned.
- Warranty minimum; 2 years.
- PC and Printer should be provided FOC with Config. 2GB RAM, 320 GB HDD, Keyboard, Mouse, serial
- Parallel / USB ports and 18.5" TFT Monitor. OR equivalent and Suitable laser jet printer.

General Terms and Conditions: as per rules of IIT Delhi

1. Quotations to be made in sealed envelope Technical and commercial bids must be sent separately in two sealed envelops, subscribed with "technical bid" or "commercial bid" and put together in one envelope address to **Prof. Harpal Singh ,CBME, Block III/297, IIT, Hauz Khas, New Delhi-110016** latest by 07th June 2012.
2. Price must be quoted FOB Basis.
3. Mode of payment as per institution rules.
4. The cost should include installation and demonstration.
5. Warranty and delivery period should be mentioned.
6. Tax/Vat should be clearly indicated in the quotation.
7. Printed brochures/catalogue should be provided.