

CENTRE FOR BIOMEDICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY

June 8th, 2011

Notice Inviting Quotations

Manufacturers and suppliers of quality scientific instruments are invited to supply sealed invited quotations for the following equipment / accessory as per the specification described.

Quotations preferably as (i) technical and (ii) financial should be put in separate sealed envelopes and placed together in the sealed outer envelope.

Quotations should be submitted to **The Head, Centre for Biomedical Engineering, (kind attn Dr. Nivedita K Gohil, Block III Room No. 286) IIT Delhi, Hauz Khas, New Delhi 110 016, India** on or before **23.07.2011 before 17.00 hrs.**

Also provide agency commission if payable and proprietary item certificate if it is applicable. Indicate mode of payment / warranty and the prices should include freight and insurance, packing and forwarding must be for FOB / CIF New Delhi.

Specification for Microplate absorbance spectrophotometer

Monochromator-based system

Imaging capabilities for intensity data in a single well or entire plate

Technical specification

Wavelength range	200 – 1000 nm
Photometric methods	Single and dual wavelength
Monochromator step size	1 nm
Bandwidth	5 nm
Wavelength accuracy,	at least ± 2.0 nm
Wavelength repeatability	at least ± 0.2 nm
Indication range	0 – 4.0 OD
Resolution	at least 0.001 OD
Linearity	$\leq 2.0\%$,
Accuracy	$\pm 1.0\%$
Reproducibility 96-well plate	$\leq 1.0\%$
Stability and drift	≤ 0.010 at OD = 1

Compatible plates

6- to 96-well and custom microplates

Built in incubator

Capable of scanning custom plates

Plate-shaking capability

Temperature range: 25–45°C; accuracy: $\pm 0.5^\circ\text{C}$;

ELISA Plate washer:

96-well Microplate Strip washer

Compatible Lap-top with HDD 400GB, RAM 2 GB and Intel and appropriate Data

Analysis software

Three years comprehensive warranty

Installation and testing

Free

All Bank charges outside India on beneficiary's account and within India shall be on opener's account.

Nivedita Karmakar Gohil

Dr. Nivedita K Gohil

PSO, CBME

CS

Kindly display this on the Institute web-site