

GOVERNMENT OF WEST BENGAL
SCHOOL OF TROPICAL MEDICINE
108 CHITTARANJAN AVENUE
KOLKATA- 700 073

Memo No: STM/Tend-3/20-21/ 7123

Date: 12-11-2020

NOTICE INVITING TENDER

Sealed tenders are invited by the Director, School of Tropical Medicine for procurement of Microplate Spectrophotometer for Department of Biochemistry and Medical Biotechnology as per particulars given below:

1.	Name of Item	Microplate Spectrophotometer
2.	Quantity	1 (One)
3.	Product Specification, Features and description	Enclosed Annexure "A"
4.	Eligibility for participation	1. Manufacturer/dealer/supplier having valid Trade license, PAN, GST, P Tax certificate and I.T
5.	Estimated Price	To be quoted (including G.S.T.)
	Earnest Money	Rs.8,000/- to be paid in favour of "School of Tropical Medicine", in the shape of Bank Draft/Payorder drawn on any scheduled bank
6.	Mode of tender	In the letter head of the Manufacturer/dealer/supplier with all necessary documents . To be put in the drop box kept for this purpose in the office of the undersigned. May be sent through post/ courier so as to reach before the due date.
7.	Last date of receiving tender	24-11-2020 upto 2 p.m.
8.	Date of opening of tender	24-11-2020 at 230 p.m.

TERMS AND CONDITIONS :

1. Payment is to be made through ECS/Cheque .
2. The undersigned reserves the right to accept or reject any tender without assigning any reason.


12/11/2020
Director
School of Tropical Medicine
Kolkata
School of Tropical Medicine,
Kolkata

ANNEXURE "A"

MICROPLATE SPECTROPHOTOMETER

FEATURES:

- Reads: 6-, 12-, 24-, 48-, 96- and 384 well plates.
 - Compatible with Take3 Multi-Volume plate for 2 μ L measurement, as well as Bion Cell, and Cuvette measurements.
 - Detection method: Absorbance.
 - Read Method: Endpoint, kinetic, spectral scanning and well-area scanning.
 - Reading speed: 15 seconds (96 well).
 - Applications: Nucleic acid quantitation, Protein analysis, Spectral analysis.
 - Colorimetric assays, EIAs/ELISAs, Drug dissolution profiles.
 - Wavelength range: 200 – 999nm.
 - Wavelength selection: Monochromator, selectable in 1 nm or greater increments.
 - Absorbance range: 0.000 to 4.000 OD., Resolution: 0.0001OD.
 - Monochromator wavelength Accuracy: ± 2 nm.
 - Monochromator wavelength Repeatability: ± 0.2 nm.
 - OD Accuracy: 0 to 2 OD: $\pm 1\% \pm 0.010$ OD.
 - 2 to 2.5 OD: $\pm 3\% \pm 0.010$ OD.
 - OD Repeatability: 0 to 2 OD: $\pm 1\% \pm 0.005$ OD.
 - 2 to 2.5 OD: $\pm 3\% \pm 0.005$ OD.
 - OD Linearity: 0 to 2 OD: $\pm 1\% \pm 0.010$ OD.
 - 2 to 2.5 OD: $\pm 3\% \pm 0.010$ OD.
 - Stray Light: 0.03% @ 230nm, Bandpass: 5nm.
 - Light Sources: Xenon Flash Lamp.
 - Pathlength Correction (Pathlength correction automatically normalizes well absorbance to standard cuvette equivalent pathlength of 1cm for direct quantification).
- Dimensions: 12"W x 12.5"D x 7.7"H(30.5 x 31.7 x 19.5cm).
- To be compatible with Data Analysis Software.
 - Weight: 14lbs (6.35kg), Power: 100-240 VAC, 50-60Hz.


17/11/2020
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