

UNIVERSITY OF CALCUTTA

DEPARTMENT OF ENVIRONMENTAL SCIENCE

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NOTICE INVITING QUOTATION

Enquiry No.: ENV/PC/DBT NER- BPM/INST/2019-20/01

Dear Supplier,

Please provide the quotation of the instrument inclusive of GST within 7 working days for the DBT NER-BPMC, GoI sanctioned project under Dr. Punarbasa Chaudhuri. Suppliers are here by requested to submit their quotation including the current trade license, service tax registration certificate, copy of PAN card, copy of registration certificate with statutory authorities, copy of manufacturer certificate/ copy of distributor certificate (if available), and other credentials in a sealed envelope addressed to the undersigned.

Spectrometric instrument

Specifications :

Optical Design Dual Beam:	Internal reference detector
Spectral Bandwidth:	2nm
Light source:	Xenon Flash Light (>5 years typical; 3 years guaranteed), Highly sensitive Dual Silicon Photo diodes
Wavelength Range:	190-1100nm
Wavelength Scanning Speed:	slow, medium, fast
Wavelength Accuracy:	$\pm 0.5\text{nm}$
Wavelength Repeatability:	$<\pm 0.2\text{nm}$
Data interval:	0.2nm,0.5nm, 1 nm, 2nm, 3nm
Photometric linear Range:	-2A to +3.5A
Photometric Accuracy:	$\pm 0.002\text{A}$ at 0.5A
Noise Level:	≤ 0.0002 at 0.0 A at 260nm and 500 nm; ≤ 0.0003 at 1.0 A at 260nm and 500 nm; ≤ 0.0004 at 2.0 A at 260nm and 500 nm
Drift:	$<0.0005\text{A/hr}$
Baseline flatness:	$\pm 0.002\text{A}$
Stray light:	$<1.0\%T$ 198 nm (KCl); $<0.05\% T$ at 220nm (NaI); $<0.03\%T$ at 340 nm (NaNO ₂)
Display:	7-inch color touchscreen, fixed, high definition, 800X1280 pixel
Connectivity:	upgradable to export the data to network of PC via Wi-Fi
Mode of analysis:	A-T-C, Scanning, Quant, Fixed, Live display, Kinetics must be available in standalone mode
Accessories:	Must include 10 mm path length quartz cell. One Pair of Quartz Cuvette with 10mm path length must be quoted.

No inbuilt pre-programmed methods for analysis

System warranty of 3 years

Quoted model should be sold within India in the span of two (2) years. Supporting purchased order must be submitted. System must be brand new, refurbished instruments will not be accepted.

Punarbasa Chaudhuri

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