

BOSE INSTITUTE
KOLKATA

Tender No.	MSCPHDLS/PCS/3WEB/2013-14
Tender Date	28.11.2013
Tender Type	Limited

Tender Title	Double Beam UV-VIS Spectrophotometer
Specification	<p>Spectral Range: 190 – 1100 nm</p> <p>Spectral Bandwidth: ≤ 1 nm</p> <p>Wavelength Scan Speed range : 2 to 3000 nm/min or better</p> <p>Wavelength Reproducibility : ≤ 0.1 nm</p> <p>Stray Light : $\leq 0.02\%$ @ 340 nm</p> <p>Spectral acquisition time: ≤ 1 min</p> <p>Baseline: $\leq \pm 0.00005$ ABS</p> <p>Photometric System: Double Beam Optics</p> <p>Photometric Range: Absorbance (-4 to +4 ABS); Transmittance (0 to 400 %)</p> <p>Detector: Photodiode</p> <p>Monochromator: Blazed holographic grating based</p> <p>Light Source: 20W or more halogen/deuterium lamp</p> <p>Cell Holder: Water jacketed standard 1 cm cell holder</p> <p>Cells: Two 1 cm path length quartz cells</p> <p>Data storage: Capable of storing spectra in text format</p>

	<p>in addition to other formats</p> <p>Data transfer: Should be capable of connecting to USB flash drives</p> <p>Data Analysis: Should be able to display, analyze (including kinetic) and store data</p> <p>PC Compatibility: The spectrometer must be equipped with built-in software such that it can be controlled by an externally connected PC</p> <p>Warranty: Two year comprehensive warranty</p> <p>OPTIONAL:</p> <p>A compatible PC running on the latest OS and with at least 4GB RAM, 500 GB HD and a laser printer (B&W).</p> <p>UPS: UPS with 30 minutes battery backup</p>
Quantity	01

Last Date & Time for submission	16.12.2013 upto 2.00 p.m.
Date & Time for opening bids	16.12.2013 at 3.00 p.m.
Submission of Tender (address)	Office of M.Sc. Ph.D. Section, Centenary Building, Bose Institute, P-1/12, CIT Scheme VII-M, Kolkata 700 054
Venue of bid opening	As above
For any query the interested bidders may contact (Dept./Section/Div./Unit)	033 2569 3311

General Terms & Conditions

Warranty	Should be mentioned
Payment terms	Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation
Delivery schedule	Within 6 weeks from date of order & if any defect of the supplied item is found, it should be replaced immediately from your side.

Bid security (earnest money deposit) if applicable	
Submission of Performance Bank Guarantee (PBG), if applicable	
Any other information (if applicable)	-

Name of the instrument and submission of tender should be mentioned on the envelop positively
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.

Registrar, B.I.