

<b>BOSE INSTITUTE KOLKATA</b>	
Tender No	<b>DPB/RM/2015-16/03</b>
Tender Date	<b>17.11.2015</b>
Tender Type	<b>Limited</b>

Tender title	<b>1.UV Spectrophotometer: 2. PC Software:</b>
Specification	<p><u>UV Spectrophotometer: Specification</u></p> <ul style="list-style-type: none"> <li>• System should have Split Beam UV/Visible Spectrophotometer.</li> <li>• Should have 190-1100nm wavelength.</li> <li>• Should have 6 cell holder.</li> <li>• Wavelength accuracy should be +/-0.5nm.</li> <li>• Wavelength repeatability should be +/-0.2nm.</li> <li>• Wavelength scanning speed should be 100-5000nm/min.</li> <li>• Should have &lt;2nm bandwidth.</li> <li>• Photometric accuracy should be +/-0.004Abs at 1.000Abs.</li> <li>• Photometric range should be -0.300~4.000Abs.</li> <li>• Stability should be &lt;0.0003Abs/hr at 500nm after 1hr warm up.</li> <li>• Should have Deuterium and Halogen lamp light source with auto switching at 320~360nm.</li> <li>• Should have Silicone photodiode detector.</li> <li>• Measurement mode should be absorbance, transmittance and concentration.</li> <li>• Baseline flatness should be +/-0.001Abs (200~1000nm).</li> <li>• Noise level should +/-0.0015Abs (500nm).</li> <li>• Stray light should be &lt;0.05% at 340nm and 220nm.</li> <li>• Should have display of 6" large LCD with back light.</li> <li>• Should have RS232 and parallel ports for interface.</li> <li>• Should include PC software.</li> </ul> <p><u>PC Software : Specification</u></p> <ul style="list-style-type: none"> <li>• Software should come with standard Photometric, Spectrum, Timescan, Kinetic and Quantitative features.</li> <li>• Should have special features of DNA/RNA analysis for 260/280nm ratio, 230/260nm ratio with or without background 320nm and Warburg-Christian concentration.</li> <li>• Should have Protein analysis feature with most commonly used assay methods like Bradford protein analysis, Lowry protein analysis, Biurate protein analysis, Direct UV method, Colloidal Gold and BAC methods.</li> <li>• Software should save the data into Excel format.</li> </ul>
Quantity	UV Spectrophotometer 1(One), PC Software 1(One)
Last date & time for submission	<b>09.12.2015 at upto 13.00 hrs</b>
Date & time for opening of bids	<b>09.12.2015 at 15.00 hrs.</b>
Submission of Tender (Address)	<b>Department of Plant Biology, Centenary Building (CB), P-1/12, CIT Scheme VII-M, Kolkata-700054 Kind Attention : Dr. Rajeswari Mukherjee</b>
Venue of bid opening	<b>D.P.B (C.B) Room No -128</b>
For any query the interested bidders may contact (Dept/Section/ Div./Unit)	<b>Dr. Rajeswari Mukherjee 033-25693247</b>
General Terms & Conditions	NA
Warranty	2 years from the date of installation.
Payment terms	100% after successful delivery and satisfactory Installation
Delivery schedule(Address)	Acharya J. C. Bose Biotechnology Innovation Centre, Madhyamgram Experimental Farm, Madhyamgram (in between New Barrackpore and Madhyamgram Chowmatha Bus Stop), Jessore Road, 24 Parganas (North), Kolkata –700 129,
Bid security (earnest money deposit), if applicable	NA
Submission of performance Bank Guarantee (PBG), if applicable	NA
Any other information (if applicable)	NA
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.	