



**TRIPURA UNIVERSITY
(A Central University)
Suryamaninagar
Tripura West – 799 130**

Ref. No. F.TU/FIN(181)/DBT/09

Date: 05.11.2009

NOTICE INVITING QUOTATIONS

Sealed quotations are invited from the reputed manufacturers / authorized dealers for the supply of UV – VIS Spectrophotometer as Laboratory Equipment of the DBT sponsored project entitled “Extension Programme on Bamboo Cultivation and its Resource Utilization” (Project Ref. No. BT/HRD/01/002/2007) of the Department of Botany, so as to reach to the office of the undersigned on or before 27th November, 2009. Detailed specification of the instrument is given bellow. The University reserves the right to accept or reject any or all quotations without assigning any reason thereof.

**Sd/-
(Dr. K.B. Jamatia)
Registrar (Officiating)**

Address for correspondence:

**The Finance Officer,
Tripura University
(A Central University),
Suryamaninagar,
PIN-799130
Tripura (W), Tripura**



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List of Instrument

Sl. No.	Name of the Equipment/ Instrument	Technical Specifications & Quantity ()
01.	UV – VIS double beam scanning Spectrophotometer with microcomputer electronics, PC Control	<p>Optics - Double beam Spectrophotometer with concave holographic grating with 1050 lines / mm or more, fixed 1 nm bandwidth, wavelength range 190 – 1100nm, high scan speed (3000 nm/min to 2 nm / min), pre-aligned sources and quartz coated optics.</p> <p>Sources – Pre-aligned deuterium and tungsten lamps with automatic source change</p> <p>Detector – High sensitivity matched Silicon Photodiode</p> <p>Wavelength range – 190 – 1100 nm</p> <p>Stray radiation – Ultra low stray radiation 0.01 % T</p> <p>Wavelength accuracy - +/- 0.1 nm</p> <p>Wavelength repeatability - +/- 0.05 nm</p> <p>Bandpass – 1 nm fixed</p> <p>Photometric accuracy - +/- 0.003 A</p> <p>Photometric repeatability - +/- 0.001 A</p> <p>Noise level – Ultra low photometric noise of 0.00003A or better</p> <p>Visible lamp – 1 extra</p> <p>Software – Windows based operating software to study protein, nucleic acid, enzyme kinetics, cell growth and file manager to save, edit and print when required. It should have complete controlling of instruments and accessories of spectrophotometer</p> <p>5 USB ports for high speed PC and printer connectivity</p> <p>Peltier system – Peltier Single Sample + Single Reference Accessory – Routine Peltier single cell holders for the sample and reference positions. Also a reference position cover, power supply and power cables to be included</p> <p>Temperature Measurement Kit – Probe for measuring the temperature within the cell</p> <p>Quartz Suprasil Cell 10 nm path length Vol. 3.5 ml (Pk2)</p> <p>USB cable – 1 No.</p> <p>Branded PC and Printer – 1 No. each</p> <p>1 KVA Voltage Stabilizer</p>

Terms and Conditions:

- 1. Cost of the item / instrument / equipment should be Inclusive of all permissible taxes**
- 2. Cost of packing charge, transportation, installation charge and any other charge should be included**
- 3. Complete installation of the instrument and demonstration should be done by the supplier / firm at the installation site**
- 4. Payment as per terms and conditions of Tripura University (A Central University)**
- 5. Tripura University reserves the right to choose, accept or reject any or all requests / offers, in full or part at any stage, reduce or increase the quantity without assigning any reasons therefore. The quantity / number shown in the document is only indicative. Tripura University will not be responsible for any postal losses or delays in submission of documents. The tender documents are non-transferable.**
- 6. The Registration number of the firm along with the CST/VAT No. allotted by the Authorities, as well as PAN number of the firm allotted by the Income Tax authorities should be submitted, failing which vendor's bid would become invalid and same shall be rejected.**
- 7. All disputes arising in connection with executing the Purchase Order will be subject to the Jurisdiction of the Courts in Agartala only.**
- 8. Warranty period of each instrument should clearly be mentioned**