



UNIVERSITY OF KASHMIR  
(NAAC Accredited Grade-A)  
Hazratbal, Srinagar  
190006, J&K, India

# DEPARTMENT OF CHEMISTRY

A DST Assisted Department under FIST

**Ref: KU2017-CHEM-DAA-ECRA-2**

## TENDER NOTICE

Tenders in sealed envelopes affixed with revenue stamp and accompanied with a CDR of Rs 5000/= pledged to the undersigned, are invited from reputed manufacturers/authorized distributors for supply/installation/demonstration of PC controlled, scanning type UV-Vis spectrometer with below specifications.

<b>High Resolution PC based UV-Vis Spectrophotometer with following guaranteed specifications to be demonstrated at the time of installation:</b>	
Photometric System	Double beam optics
Wavelength Range	190 to 900 nm or better
Wavelength Accuracy	+/- 0.2 nm or better
Wavelength Repeatability	+/- 0.06 nm or better
Photometric range	Up to 5/6 Abs or better, Transmittance, Reflectance or better
Spectral Bandwidth	Variable from 0.17 to 5 nm or better
Resolution	0.19 nm or better
Wavelength Scan Speed	Up to 4000 nm/min or better
Noise level	0.00005 Abs RMS (500nm) or higher
Stray light	0.005% at 220 nm, 340 nm & 370 nm or lesser
Monochromator	Blazed Holographic grating
Detector	Photomultiplier
Light source	Tungsten and Deuterium lamp with automatic switching
Baseline stability	0.0003 Abs/h or lesser
Baseline flatness	+/- 0.0008 Abs or lesser
Quartz Cuvette	3 ml capacity 10mm path length (02 pair)
Software	Original licensed Windows 7 based Operating software in the form of CD ROM with GLP/GMP compliant should have built in features like real time concentration display, Time scan, Photometric mode Single/multi-wavelength, Enzyme Kinetics calculation, event recording such as Addition of reagents During measurement, DNA/protein quantification etc. Validation Software Should also be supplied alongwith the instrument to check the parameters like Stray Light, Resolution, Noise Level, Drift, Baseline flatness etc.
Diffuse Reflectance Attachment	Integrating sphere with inner diameter of 60 mm or better for diffuse reflectance & Specular Reflectance of direct powder sample analysis. Wavelength range up to 1100 nm or better with built-in PMT and InGaAs/PbS Detectors. Film Holder for thin films

Terms & Conditions



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1. Tenders will be received by Hand/Speed Post/Registered Post/Courier Services only in sealed cover superscribing "Tender for Equipments for Department of Chemistry, University of Kashmir, Hazratbal-Srinagar" and addressed to Dr. Aijaz Ahmad Dar, Assistant Professor, Department of Chemistry, University of Kashmir, Hazratbal Srinagar-190006, J&K, up to 4.00 PM on **20, November 2017**.
2. The cover should read "Tender for Equipments for Department of Chemistry, University of Kashmir, Hazratbal Srinagar, and also indicating thereon: i) Reference No. of the Tender ii) Due date for submission of the tender iii) Name of the firm with an address, Mobile/Phone/Fax and e-mail
3. The vendors quoting must have Tin No: and latest VAT Clearance Certificate from the sales tax department. The specifications should be supported with the catalogue. The rates should be quoted for Department of Chemistry, University of Kashmir Srinagar. The taxes, if any, should be indicated clearly. The undersigned reserves the right to purchase the listed items.
4. The manufacturers/authorized distributors are requested to send a soft copy of the quotations by e-mail at [smsah@uok.edu.in](mailto:smsah@uok.edu.in) on or before 20th November, 2017.
5. Quotation must be provided in two separate bids (Technical and Commercial). Price bid, including of FOR, will be opened and evaluated for Technical qualified vendors.

Sd/

**Dr Aijaz Ahmad Dar (In)**  
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