

**DEPARTMENT OF BIOCHEMISTRY  
JAWAHARLAL NEHRU MEDICAL COLLEGE  
ALIGARH MUSLIM UNIVERSITY, ALIGARH**

---

D. No. Bio-MC/922/19  
23-11-2019

**QUOTATION INQUIRY**


Interested parties/Firm may quote the lowest rates alongwith terms and conditions for the supply of the following laboratory item/equipment. The quotation should reach the office of the undersigned latest by 03-12- 2019.

**Name of the Equipments**

1. Spectrofluorophotometer  
**Specification of the equipment.**

Monochromator	Blazed holographic grating 1300 grooves/mm
Sensitivity (SNR)	350 or more (p-p), 1,000 or more (RMS) bandwidth: 5nm
Light source	150W Xenon lump
Lamp life time	Min 2,000 hours or extra lamps to be quoted to make it 2000 hrs in excitation, emission, photometric, spectrum mode.
Wavelength range	200-900 nm and 0 order
Spectral bandwidth	Excitation: 1.5/3/5/10/15/20 Emission: 1.0/3/5/10/15/20
Resolution	1.0nm (Emission)
Wavelength accuracy	Within 1.0nm
Scanning speed	max: 60,000nm/min
Wavelength slewing speed	60,000nm/min
Conventional analysis and s/w features	Spectrum, 3D Spectrum, Quantitation, Photometric, Time course, Automatic conversion to CSV file and text file (.txt) formats with only manual text conversion in the quantitation and photometric applications
Beam shape	Vertical
Cuvette	Non Fluorescence standard cell – 2 Nos.
Reporting	Free layout, Report Template function
Future Upgradable	Measurement with long wavelength 900nm. Future upgradability to Quantum yield application.

**Note:** Only standard/reputed firms will be preferred.

  
(DR. MOINUDDIN) 23.11.19  
Professor & Chairperson  
CHAIRPERSON  
DEPARTMENT OF BIOCHEMISTRY  
FACULTY OF MEDICINE  
AMU, ALIGARH-202002