

**Department of Physics, Indian Institute of Technology  
IIT.P.O. Madras-600 036**

Ref. No.

Date: 31 /07 / 2017

PHY	2017	010	STORES
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Dear Sir,

**Due date: 28 / 08/ 2017**

Please find below the specification of an UV-vis-NIR monochromator we require for purchase. Kindly send us a quotation by the due date mentioned above.

**Minimum specifications for UV-vis-NIR monochromator**

F#	3 or higher
Focal length	300 mm or higher
Grating turret	Atleast triple-grating turret
Spectral resolution with 1200g/mm grating at ~450nm	< 0.1 nm
Wavelength repeatability	< 0.1nm
Wavelength accuracy	0.2nm or less
Focal plane size	Atleast 30mm x 12mm
Grating size	Atleast 68mm x 68mm
Step size	Atleast 0.002nm
Spectral range	Atleast 150nm to 2 micron, with suitable gratings
Computer interface	RS232, USB or GPIB
Software compatibility	Labview compatible. Must come with command instructions for labview programming.
Gratings	3 gratings included with options for choices of blaze wavelength and grooves/mm. Please give a price list for

	gratings so that we can compare prices for gratings with similar specifications
Input ports	Two input ports with manually controlled slits. If not available, remote control is also acceptable.
Output ports	Two output ports. One with manually/remotely controlled slits and other compatible with standard CCDs.
After sale service requirements and warrantee	The supplier should be able to attend minor technical faults of the equipment in situ and procure spares if required.
References	Please enclose contact details of atleast three CFTI/national laboratories clients in past five years

**Please provide a clear warranty statement**

**Please send hard copy of the quotation (technical and price details) in two separate sealed envelopes before the due date.**

**Please mark tender number on top of the cover envelope**

Yours Sincerely,

**Dr. Jayeeta Bhattacharyya**

**Co-ordinator**

Department of Physics,  
Indian Institute of Technology Madras,  
Chennai - 600036, India.

Telephone : +91 44 2257 4856

