**Department of Physics, Indian Institute of Technology**

**IIT.P.O. Madras-600 036**

Ref. No. **Date: 19 / 05 / 2017**

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| **PHY** | **2017** | **024** | **STORES** |

To Whom It May Concern:

Dear Sir,  **Due date: 12 / 06 / 2017**

# Please find below the specification of a UV-Vis fiber optic spectrometer we require for purchase. Kindly send us a quotation by the due date mentioned above.

# Minimum specification for UV-Vis fiber optic spectrometer (Quantity 1 – 5 nos. please quote unit price)

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Parameters** | **Value** |
|  | Wavelength Range (nm) | 200 -1100 nm |
|  | Spectra resolution | 0.5 nm or less (smaller resolutions will be preferred) |
|  | Signal to noise: | 1000:1 |
|  | Digitizer | 12 bit or higher in signal (vertical) resolution |
|  | Detector Integration time | Min: 1 ms or less  Max: 10s or more |
|  | Signal to noise | 1000 : 1 or higher |
|  | Input | Fiber optic inputs should be possible |
|  |  |  |
|  | External trigger | Should be possible |
|  | Interface | USB or USB Hub |
|  | Software | Should be included |

**Accessories**

The vendor may quote optional accessories which may be used with the instrument mentioned for purchase together but will not be used for price comparison.

Please provide a clear warranty statement.

Please send the quotation (technical and price details) by email (signed and scanned) OR hard copy before the due date.

Please mark reference number on top of the quotation.

Yours Sincerely,

**Sivarama Krishnan**

**Co-ordinator**

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