

**Physics Department**  
**Indian Institute of Technology Delhi**

**Notice for inviting quotations**

Dt: 30-01-2012

Ref: PHYS/UFO/04

Sub: Purchase of Fiber optic components

Please send your quotation for purchase of above said item(s) as per specifications given below. Your quotations should reach latest by **5 PM on 21-02-2012**. Quotations are solicited only for items manufactured by reputed company with proven past record of sales, supply and after-sale service.

	<b>Fiber Optics Components</b>	
<b>1.</b>	Fiber collimating lens fixture, Acromatic doublet 5mm dia, f = ~10mm Wavelength region: 200-2000nm tapped with SMA905 connectors, Tapped hole for optical post mount	2
<b>2.</b>	Collimating lens of SMA905 connector for fiber optic spectrometer, 5mm dia, f= ~10mm, 200-2000nm region	2
<b>3.</b>	Mount for the above collimating lens ; consists of a 1.5-inch OD disk with 3/8-24 threads for use with lenses and an adapter for use with SMA 905- terminated optical fibers. Metric threads	4
<b>4.</b>	Fiber path card, SMA terminals, , 2mts length Core dia- (400 $\mu\text{m} \pm 8 \mu\text{m}$ ); Wave length-(300-1100)nm	2
<b>5.</b>	Fiber probe spectrometer (miniature) suitable for SMA connectors of Fiber optic white light sources and the fiber probes specified below. Detector : CCD type, with pixels 1024 x 58 (1044 x 64 total pixels, 24.576 $\mu\text{m}^2$ size), with TE cooling, Sensitivity = ~0.06 counts / e-; quantum efficiency= 90% or above Appropriate filter arrangement Optical resolution = ~ 0.2nm; dark current= 4000 e-/pixel/sec @ 25 °C; 200 e- /pixel/sec @ 0 °C; int.time=8 ms to above ( variable) Detector Spectral range 200-1100nm, S/N ratio : ~ 1000:1, USB operation required cables and power supply should be provided.	1
<b>6.</b>	Fiber reflection probe for 400-2500nm SMA905 connectors, 6 illumination fibers,-one probe fiber, 400 micron dia,	1
<b>7.</b>	Raman coupled fiber probe for 785 nm with SMA connector 7.5 mm working distance, 107 x 380 x 9.57 mm, 1.5-meter fiber	1

**TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS****1. Technical requirements**

- 1) All items are to be in **metric scale** only.
- 2) The quotation must contain the following details, otherwise quotation cannot be considered.
  - a. The quote must contain all the items at least in **ONE** category.
  - b. The **technical** bid **must** contain all the required specifications, drawings, graphs of response, transmission/reflection/response spectra of components if any) etc.
  - c. Along with the technical bid, please enclose support documents related to previous sale of the above items(s) within India.
  - d. If the items are of proprietary nature, please provide proprietary certificate from the manufacturer.
  - e. All INDIAN agents must provide agent certificate, IEC and central sales tax certificate.

**2. DELIVERY:** The rates quoted must be for C.I.F. Delhi (Air Freight) ( if required)

**3. TERMS OF PAYMENT:** **100% post-payment ( wire transfer/LC) on delivery and satisfactory installation**

**4. INSTITUTE'S RIGHTS :** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.

**5. VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 3 months.

**6. SUBMISSION OF QUOTATIONS:** **Both Technical and price bids are to be quoted separately in separate sealed covers. Both these bids** should be sent in a sealed cover marked at the top SUBJECT AND DUE DATE

**21-02-2012 by 5PM**

Quotations should be sent, on or before due date to:

**Prof. Anurag Sharma, Professor  
Department of Physics, IIT Delhi, Hauz Khas,  
New Delhi 110 016, India.**

Prof. Anurag Sharma, Professor  
Department of Physics, IIT Delhi.