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.

<table>
<thead>
<tr>
<th>Fiber Optics Components</th>
<th>Qty</th>
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<tbody>
<tr>
<td>1. Fiber collimating lens fixture, Acromatic doublet 5mm dia, f = ~10mm Wavelength region: 200-2000nm</td>
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<td>tapped with SMA905 connecters, Tapped hole for optical post mount</td>
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<tr>
<td>2. Collimating lens of SMA905 connector for fiber optic spectrometer, 5mm dia, f= ~10mm, 200-2000nm region</td>
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<td>3. 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</td>
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<tr>
<td>4. Fiber path card, SMA terminals, , 2mts length Core dia- (400 μm ± 8 μm); Wave length-(300-1100)nm</td>
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<td>5. 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 μm² 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.</td>
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<tr>
<td>6. Fiber reflection probe for 400-2500nm SMA905 connectors, 6 illumination fibers,-one probe fiber, 400 micron dia,</td>
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<tr>
<td>7. 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</td>
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</table>

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.

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Department of Physics, IIT Delhi.