

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
IIT Post office, Kanpur 208016, U.P
Department of Physics

Enquiry no.: PHY/RV/EQP/DRD/2014/6

Enquiry date: 03/02/2015

Closing date: 18/02/2015

Sealed quotations should reach the undersigned latest by 4.00 pm on **18th Feb, 2015** for the following:

Description	Quantity
Fiber-coupled broadband superluminescent light source	One

The above-mentioned equipment should conform to the following specifications and a sheet showing the extent of compliance should be attached:

1. Complete, stand-alone, desk-top fiber-coupled superluminescent laser diode (SLD) system (combining multiple SLDs if required) along with integrated power controller for the specifications given below. (Personal computer controlled units will not be accepted).
2. Digital display for power or at least one adjustable / variable parameter on the front-panel, along with the relevant calibration chart.
3. Spectral range: 1250 nm to 1650 nm.
4. Total output power: > 5 mW.
5. Spectral power density: > -30 dBm/nm over complete range given above; > - 25 dBm/nm over 1350-1600 nm.
6. Output fiber connector: FC/APC or FC/PC (un-connectorized version will be rejected)
7. Output fiber: SMF with cut-off below 1250 nm.
8. Return loss > 50 dB.
9. Power supply should be compatible for 220-240 V, 50 Hz line supply available in India.
10. Model number and the relevant specification sheet should be attached.
11. Instruction manual with clear instructions and trouble-shooting tips.

Any additional accessory required for operation may be indicated. The supplier should be willing to supply complete test report while shipping the item, including the wavelength shift with temperature, as well as long- and short-term power stability.

Terms and conditions:

Quotations should have a validity of a minimum of 60 days.

The equipment should be provided with a warranty of 1-3 years.

Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope. Technical specifications along with the extent of compliance should be mentioned. Technical and price bids should be in separate envelopes. Quotations that do not provide a compliance sheet will be rejected.

The delivery period should be specifically stated.

For suppliers from outside India, the rate offered should be FOB (specify city) or FCA terms.
IIT Kanpur has its own freight forwarder for shipping from outside India.

IIT Kanpur is exempted from payment of Excise Duty under notification no.10/97

IIT Kanpur is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase for suppliers from within India.

Prof. R.Vijaya
Dept of Physics
IIT Kanpur
Kanpur 208016, India

Tel: +91-512-2597552
e-mail: rvijaya@iitk.ac.in