

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
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**Department of Physics**

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**Enquiry no.: PHY/RV/CONS/DRD/2012/1**

**Enquiry date: 25/10/2012**

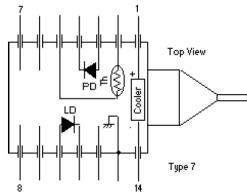
**Closing date: 05/11/2012**

**Sealed quotations should reach the undersigned by 4.00 pm on 5<sup>th</sup> Nov, 2012 for:**

S.No.	Description	Quantity
1	980 nm laser module	One

The above-mentioned Consumable item should conform to the following specifications:

Parameter	Required specification
Laser center wavelength (nm)	In the range of 975 nm to 980 nm
Laser power at connector	250 mW or larger (power stability to be specified)
Laser spectral width (FWHM)	2.0 nm or lesser
Wavelength stability	Better than 0.1 nm per °C
Laser output	Fiber-pigtailed, single-moded at 980nm, FC/APC connector
Laser temperature control	With in-built TEC cooler
Laser package with pin connections as shown below	14 pin standard butterfly package, thermistor resistance of 10 kΩ to match our drive electronics



Pin#	Function	Pin#	Function
1	Cooler(+)	8	No Connection
2	Thermistor	9	No Connection
3	PD anode(-)	10	LD anode(+)
4	PD cathode(+)	11	LD cathode(-)
5	Thermistor	12	No Connection
6	No Connection	13	Case GND
7	No Connection	14	Cooler(-)

**Terms and conditions:**

Quotations should have a validity of a minimum of 30 days.

A warranty of 1 year should be provided against manufacturing defects.

Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope.

The delivery period should be specifically stated.

The rate offered should be F.O.R Kanpur for firms located outside Kanpur and free delivery at the Institute premises for local firms. For suppliers outside India, IIT Kanpur has its own freight forwarder.

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.