

Indian Institute of Technology Kanpur
Department of Electrical Engineering

Enquiry No: PK/EE/DST/QEC 2012

Opening: 28th Sept 2012

Closing: 15th Oct 2012, 5 PM

Sealed tenders are invited for the items mentioned below.

Sr. No.	ITEM	QTY	SPECIFICATIONS
1.	V Type Cable (IQ modulator)	04	<ul style="list-style-type: none"> • Precision-grade flexible cables • DC to 40 GHz K-type frequency range • Low insertion loss • 50 Ω impedance
2.	K type Cable (PRBS generator)	01	<ul style="list-style-type: none"> • known as the 2.9 mm • K mates with SMA and 3.5 mm connector • mode-free performance to 40 GHz, usable to 46 GHz
3.	SMP type cable (Intensity modulator)	01	<ul style="list-style-type: none"> • FREQUENCY: 0-18 GHZ • VSWR: 1.25:1 MAX @ 18GHZ • LOSS (EXCLUDING CONNECTORS) • @ 1GHZ: 0.23 DB/FT • @10GHZ: 0.80 DB/FT • @18GHZ: 1.1 DB/FT • CENTER CONDUCTOR DIAMETER: .0201" • OUTER SHIELD DIAMETER: .086" • OVERALL DIAMETER: 0.104" • CONNECTORS: • SMA: PASSIVATED STAINLESS STEEL • SMP (GPOtm COMPATIBLE)
4.	Laser Diode mount	02	<ul style="list-style-type: none"> • Laser Diode Mount for 14-pin Butterfly Package • ZIF Mounting Socket • Laser Enabled LED Indicator • User Defined Pin Out Configuration
5.	Angled FC/PC patch cords	20	
6.	Adapter FC/PC	04	
7.	Adapter FC/APC	04	
8.	Voltage controlled phase shifter	04	Up to 10 GHz operation, SMA/SMB connectors
9.	3-dB splitter	04	Up to 10 GHz operation, SMA/SMB connectors

10	InGaAs photodiode FC Receptable	04	<ul style="list-style-type: none"> • NEP (W/ Hz^{1/2}) 3.44 x 10⁻¹⁵ • Connector TO-46 • Responsivity @ 1310nm (A/W) 0.85 minimum/ 0.9 typical • Responsivity @ 1550nm (A/W) 0.9 minimum / 0.95 typical • Maximum Reverse Voltage (V) 20 • Maximum Reverse Current (mA) 1 • Maximum Forward Current (mA) 5
11	PICkit3 Programming Cable Kit	05	<ul style="list-style-type: none"> • For connecting a chipKIT™ board to Microchip's® <u>PICkit3</u> debugger/programmer.

1. Quotation must be valid for 90 days.
2. IITK is exempted from excise/custom duty.
3. Send complete detail of the product(s).
4. Payments terms: 90% on installation and 10% satisfactory report
5. Shipment terms: FOB to IIT Kanpur. In case you exercise courier option, please include freight charges in the quotation.
5. Last dates

Hard copy of sealed quotations: 15th Oct 2012, 5 PM

Soft copy of quotations: 15th Oct 2012, 5 PM

Address:

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28 Sept, 2012