

Indian Institute of Technology Kanpur
Department of Electrical Engineering

Ref No. EE/SERB/PKP/2015/AUG

Date: 24th Aug 2015

Quotations are invited for the following equipment's/ Components. The quotations should reach us by 20th September 2015 (date extended from 10th September). Please send the quotations to

Dr. Pradeep Kumar K
Assistant Professor
Department of Electrical Engineering
IIT Kanpur
Kanpur-208016, India

If you are located outside of India, you may email the soft copy of quotations to **serbqkd@gmail.com** on or before 20th September 2015.

Sl. No	Item description (including test equipment, components, materials etc.)	Quantity
1	Single-photon counting modules/Gated APDs (C-band, TEC cooled, gating frequency 1 MHz or better) with accessories (power chords, software, etc)	4
2	PZT based single-mode fiber stretcher module, 600-1625 nm wavelength range, 2 rad/wavelength/volt or lower, Total delay ~ 0.5 ps, FC/PC connectorized	1
3	RF Connectors/adapters and adapters: 1.85 mm GPO female and male	4
4	RF cables GPO (SMP) female jack to SMA male jack, length=50 cm	4
5	Xilinx Virtex 5 FPGA, Development Kit, power supply, all relevant cables (USB, PCI Express® (PCIe®) Gen2 x4 (at 5.0 Gbps per lane)), Ethernet	4
6	Analog to Digital Converter boards (4 GSPS or better) with board interfaceable to Xilinx Vertex 5 FPGA	2
7	Digital to Analog Converter boards (4 GSPS or better, 8-bit) with board interfaceable to Xilinx Virtex 5 FPGA	2
8	Highly nonlinear fiber: PM maintaining, FC/PC connectorized, length 100m, low dispersion slope (0.025ps/nm ² -km) or zero dispersion slope, operating wavelength 1550nm	1
9	Nonlinear semiconductor optical amplifier, C-band, FC/PC connectors, fiber pigtailed	2

Note: All fiber-optic components/modules must be connectorized with FC/PC or FC/APC connectors.

1. Maximum education discount, if any should be offered.
2. Validity of quotation should be at least for 60 days.
3. Prices should be on CIF and FOB separately (if imported).
4. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection)
5. Quotation should carry proper certifications like agency certificate, proprietary

certificate, etc.