

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
DEPARTMENT OF PHYSICS**

Enquiry no.: IITK/PHY/128 dt. 01/08/2012

Enquiry date: 01/08/2012

Closing date: 16/08/2012

We are interested in purchasing of Workstation (Qty 08) and IB Switch (Qty 01), having the following configuration for a research project. Our organization is an educational institute of the repute and liable to get *education discount* from manufacturer, please specify it, separately. Please send sealed quotation, to undersigned, for the same.

**1. Workstation**

**8 NO.**

Specifications:

<b>Processor(s)</b>	2 x Intel® Xeon® E5-2670 processors (8-Core, 2.6GHz, 20M L3 Cache)
<b>Chipset</b>	Intel® C600
<b>Memory</b>	64GB DDR3-1333 ECC RDIMM using 16 x 4GB modules(Max. 512GB, 16 Slots) Quad-channel memory bus per processor
<b>Internal Storage</b>	1 x 1TB 7200 RPM Serial-ATA-III 6.0 Gbps
<b>Optical Drive</b>	DVDROM Drive
<b>Network Interface</b>	Dual Gigabit (10/1000/1000Mbps) Ethernet
<b>Graphics</b>	Onboard Matrox G200 Video graphics controller
<b>GPU Support</b>	Support 4 double width GPU Cards PCI-eX16
<b>Audio Controller</b>	7.1 high definition audio via Realtek ALC889 High Definition Audio Codec
<b>Management</b>	IPMI 2.0 compliant management
<b>Exp. Slots</b>	4 PCIe 3.0 x16 slots, 3 PCIe 3.0 x8 slots, 1 PCIe 2.0 x4 slot, Internal IO Expansion Module PCIe x8 Gen 3
<b>Interconnect</b>	Single-port QSFP, IB 40Gb/s and 10GigE, PCIe2.0 x8 5.0GT/s
<b>Ports</b>	1 Serial, 8 USB, 2 x Network, 1 x Management, 1 x Video, 8 Integrated SAS Port, 1394b FireWire
<b>Form Factor</b>	4 U Pedestal and Rack Mount with Mounting Rails
<b>Power Supply</b>	1600W Power Supply (Platinum Efficiency) 1+1 Redundant
<b>Cables</b>	1x Power cables (3m), 1x IB cable (1m), 1x 2Mtrs Cat6 Patch Cord
<b>Peripherals</b>	None (No Keyboard, Mouse, Monitor bundled with system)
<b>Warranty</b>	3 years onsite

**2. IB Switch**

**1 NO.**

<b>8-port QDR-IB Switch</b>	InfiniScale® IV QDR InfiniBand Switch, 8 QSFP ports, 1 power supply, Unmanaged, Connector side airflow exhaust, no FRUs, Short Depth and Half Width Form Factor, RoHS 6
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Also quote price with E5-2650 (2GHz) separately.

**Software** - Linux CentOS or equivalent, Compilers (gnu+Intel), OpenPBS queuing system

**Note:**

1. All quotation must reach undersigned on or before Aug 16, 2012, at 1500 hrs.
2. Quotation must be valid for 90 days.
3. Delivery period should not be more than 6 weeks.
4. IITK is exempted from excise/custom duty.
5. Send complete detail of the product(s).
- 7. Payments terms: 90% on installation and 10% satisfactory report**
8. All prices are to be FOR IIT Kanpur.

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