

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Department of Mathematics and Statistics**

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September 18, 2012

We are planning to buy **Compute Servers** for our project work. Please quote your best price **for both** of which configuration is given below.

**Configuration:**

**Enquiry No.**

**(1.) Server nodes with specifications below : 4 Nodes**

<b>Processor(s)</b>	2 x Intel® Xeon® <b>Hex Core</b> Processor E5645 (12M Cache, 2.40 GHz, 5.86 GT/s Intel® QPI)
<b>Chipset</b>	Intel® 5500 Chipset with ICH10R
<b>Memory</b>	16GB DDR3-1333 ECC RDIMM using 4 x 4GB modules (18 DIMM sockets)
<b>Internal Storage</b>	1 x 500GB 7200RPM Serial-ATA HDD Enterprise Edition Raid Ready
<b>Network Interface</b>	Embedded Intel Dual Gigabit (10/1000/1000Mbps) Ethernet controller
<b>Graphics</b>	Onboard graphics
<b>Management</b>	IPMI 2.0 compliant management
<b>Exp. Slots</b>	Two PCIe x8 Gen 2.x Two IO Expansion x4 Gen 1.x
<b>Ports</b>	1 Serial, 2 USB, 2 x Network, 1 x Video
<b>Form Factor</b>	1U rack-mountable with sliding rails
<b>Power Supply</b>	High efficiency power supplies (80Plus Gold)
<b>Peripherals</b>	None (No Keyboard, Mouse, Monitor bundled with system)
<b>Warranty</b>	3 years on-site

(2.) Server with specifications below

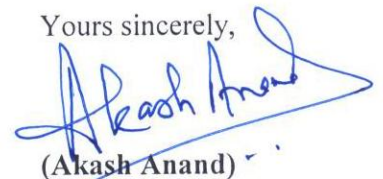
: 1 Node

<b>Processor(s)</b>	4 x Intel® <b>Eight-Core</b> Xeon® Processor E7-4820 (18M Cache, 2.00 GHz, 5.86 GT/s Intel® QPI)
<b>Socket</b>	Socket R
<b>Memory</b>	32GB DDR3-1333 ECC RDIMM using 8 x 4GB modules (48 DIMM sockets)
<b>Internal Storage</b>	1 x 1TB 7200RPM Serial-ATA HDD Enterprise Edition Raid Ready
<b>Drive Bays</b>	4x 3.5" Hot-swap drive bays
<b>Network Interface</b>	Embedded Intel Dual Gigabit (10/1000/1000Mbps) Ethernet controller
<b>Graphics</b>	Onboard graphics
<b>Management</b>	IPMI 2.0 compliant management
<b>Exp. Slots</b>	Six PCIe x16 Gen 3 Two Intel® IO Expansion Module PCIe x8 Gen 3
<b>Riser</b>	Two Risers with 3 x16 slots (2xFHFL, 1xFHHL)
<b>Ports</b>	1 Serial, 6 USB, 2 x Network, 1 x Video
<b>eUSB</b>	Embedded USB (eUSB) Solid State Drive Option
<b>Form Factor</b>	2U rack-mountable with sliding rails
<b>Power Supply</b>	High efficiency 1600W Redundant Power Supply (1+1) (Platinum Efficiency)
<b>Peripherals</b>	None (No Keyboard, Mouse, Monitor bundled with system)
<b>Warranty</b>	3 years on-site

Please quote your price separately for both options.

The quotation should reach us latest by 5.00 P.M. of **September 27<sup>th</sup>, 2012.**

Yours sincerely,



(Akash Anand)