INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Materials Science and Engineering

Enquiry NO:MSE/09/09/2013
Enquiry Date: 9th Sep, 2013
Submission Date: 17th Sep, 2013 by 1200Hrs

Formal quotations are invited for servers
Detailed specifications are given below. The following points may kindly be noted and technical compliance should be clearly stated in the quotation:
• International OEM should be quoted, having 10 entries in top 500 Org in june 2013 release.
• The vendor should give the power and cooling requirements.
• Equivalent (or better) hardware/software can be allowed at the discretion of IIT.
However, in such cases, the vendor must provide sufficient justification for the deviation from the specifications given here.
• Warranty period (minimum 3 years comprehensive on-site warranty should be mentioned.
• The quoted prices can be in INR or in valid foreign currencies (e.g. US Dollar). For INR quotations, delivery should preferably be up to IIT K. For foreign currency quotations rates must be for CIF New Delhi. Sales Tax, VAT and any other applicable charges should be mentioned.
• Installation and maintenance charges should be mentioned. Technical and Commercial quote should be in separate envelop.
• Terms and Conditions, and deviations should be clearly stated with the signature of the
responsible person. Quantity may increase or Decrease.

SPECIFICATIONS- 1
Qty 2

Form factor/height	*1U Rack Mountable only*
Processor	*Two 8-core Intel® Xeon® E5-2650 processors*
Cache	*20 MB per processor*
Memory (max)	*32GB DDR3 RAM, 1600MHz scalable Up to 768 GB*
Expansion slots	*Up to 2 PCIe Gen 3.0 slots*
Disk (Disk Capacity)	*2x2 TB (With RAID 0,1)*
Network interface	*2 × 1 GbE (std.),*
Power supply	*Redundant with 80 PLUS Platinum compliance.*
Fans	*Temperature-controlled fans which adjust to compensate for changing thermal characteristics. N replaceable fan pack*
System management	*IMM2, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart*
Monitor, Mouse and KBD	*17" TFT, KBD and Mouse*
Trusted Platform Module	*TPM 1.2 Certified*
Operating systems support	*Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Microsoft Windows Server 2008 R2*

Qty1
Operating system   *Microsoft Windows Server 2008*

SPECIFICATIONS- 2 (Optional Item)
Qty 2

Form factor/height	*1U Rack Mountable only*
Processor	*Two 6-core Intel® Xeon® E5-2620 processors*
Cache	*15MB per processor*
Memory (max)	*48 GB DDR3 RAM, 1600MHz scalable Up to 512 GB*
Expansion slots	*Up to 2 PCIe Gen 3.0 slots*
Disk (Disk Capacity)	*2x2TB (With RAID 0,1)*
Network interface	*2 × 1 GbE (std.),*
Power supply	*Redundant with 80 PLUS Platinum compliance.*
Fans	*Temperature-controlled fans which adjust to compensate for changing thermal characteristics. N replaceable fan pack*
System management	*IMM2, Predictive Failure Analysis, Diagnostic LEDs, light path diagnostics panel, Automatic Server Restart*
Monitor, Mouse and KBD	*17" TFT, KBD and Mouse*
Trusted Platform Module	*TPM 1.2 Certified*
Operating systems support	*Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Microsoft Windows Server 2008 R2*

Qty1
Operating system   *Microsoft Windows Server 2008*

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