

Quotation Enquiry for 8 node cluster to be installed
in the laboratory of Dr. Madhav Ranganathan,
Department of Chemistry

May 7, 2012

Quotations are invited for a 8-node cluster which will be installed at the Laboratory of Dr. Madhav Ranganathan, Department of Chemistry, IIT Kanpur. The quotation should use the specified configuration as far as possible, but minor modifications are permitted, provided they are clearly specified. The quotation containing the commercial bid along with technical compliance should be sent in a single sealed envelope to Dr. Madhav Ranganathan, Department of Chemistry, IIT Kanpur 208016. Last date for receipt of the quotation is May 25, 2012. Any other clarifications can be obtained by contacting Dr. Madhav Ranganathan using the information below.

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Equipment	No
Master Node for Cluster - 2* Intel Xeon Nehalem 5620 @ 2.66 GHz (or higher), 12 MB L3 Cache, 16 GB DDR-3 RAM 1333 MHz, 2 * 250 GB SATA-2, 7200 rpm Hard Disk, 17 in TFT monitor, PCI Express slot, Serial Port, 2 USB drives, 2 Gigabit ethernet ports, Keyboard, Optical Mouse, 1U Rack Mountable Cabinet	1
Compute Node for Cluster - 2* Intel Xeon Nehalem 5620 @ 2.66 GHz (or higher), 12MB L3 Cache, 16 GB DDR-3 RAM 1333 MHz, 2 * 250 GB SATA-2 (or 1 * 500GB), 7200 rpm Hard Disk, PCI express slot, Serial Port, 2 USB drives, 2 Gigabit ethernet ports, 1U Rack Mountable Cabinet	7
Switch - 24 port Gigabit Ethernet Switch	1
IB cables 3 metres	6
42 U rack with power supplies and accessories	1
IPMI/ILOM management for temperature control	1
Personal Computer Workstation with Monitor: Intel Core i7 860 processor, Intel Q57 Express chipset MB, 16 GB DDL-3 RAM, 1TB HD, 27" LCD monitor, USB ports, optical wireless mouse, Network card, DVD writer, Wireless Keyboard with cherry keys	1
3 years on-site full warranty, service and parts	1

Optional Items

1. Instead of 1-U rack mounting clusters, 2-U rack mounting clusters can also be used. However, the total number of processors should be the same.
2. QDR IB connectivity instead of GB connectivity.