

**Indian Institute of Technology, Kanpur
Department of Physics**

Enquiry no.: PHY/GM/EQP/DST/2016/04

Enquiry date: 27/04/2016

Closing date: 09/05/2016

Sealed quotations are invited for 1 liquid Cooled, minimum of 20 Core SMP System with following specifications:

1. Technical Specifications for Computing System Qty-1	
Processor(s)	2 x Intel® Xeon® E5-2660v3 processors (at least 10-Core, 2.6GHz, 25MB Cache or better)
Chipset	Intel® C612 Express or better
RAM	at least 64GB DDR4-2133 ECC RDIMM (Max 1TB, 16 DIMMs)
RAID	(Provide price for additional 64GB separately)
	SATA 6Gbps RAID Controller with RAID 0, 1, 5 &10 support
HDD(s)	2* 2000GB SATA 7.2K RPM HDDs.
	at least 4x 3.5" SATA HDD bays,and at least 3 x peripheral drive bays
	option for 4x 2.5" or 3.5" internal/fixed HDD/SSD bays
ODD	16x or better DVDRW Drive
NIC	2 x Gigabit(10/100/1000Mbps) Ethernet on-board or using add on card
Audio	7.1 High Definition Audio
Graphics Card	Nvidia Quadro Professional K2200 Graphics Card with dedicated 4GB Graphics
Exp Slots(s)	at least 3 x PCI-E 3.0 x16 (with support for at least two double width GPU cards)
	and 2 x PCI-E 3.0 x8,1 x PCI-E 2.0 x4 slots or more
Ports	4 x USB 3.0, 1x Serial, 2 x LAN
Cooling	Closed Loop Liquid Cooling based system
Chassis	Mid-Tower chassis form factor

P. Supply	900W or higher single power supply (80PLUS Level Certified)
OS	Open Source Linux Cent OS/Fedora/Open SUSE/Debian

Terms and conditions:

- Quote should be made in two parts: Technical bid and Financial bid, separately in sealed envelopes.
- Financial bid for the product whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid will be summarily rejected.
- The sealed envelopes with the quotes should be superscribed with the inquiry number and whether it is a technical or a financial bid.
- The delivery period should be specifically stated.
- OEM should be ISO 9001 and ISO 14001 Certified.
- Tender Specific Manufacturer Authorization Certificate from OEM must be submitted along with the bid.
- Reference Purchase orders (from other IITs, NITs and Govt Educations & research Organisations) on OEM Systems must be submitted for at least last 3 years.

For delivery to IIT Kanpur

- Maximum educational discounts should be applied – this equipment will be used in a laboratory that will support research as well as teach and train students.
- Quotes should have a minimum validity of 60 days
- Quotes should be made with options for the either of the following delivery modes
 - o Ex-works for pickup by our world-wide transport provider
 - o FOB in country of origin
 - o CIF, New Delhi

Address the quotations to:

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