

INDIAN INSTITUTE OF TECHNOLOGY DELHI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NIQ No. /IITD/BCSE/2012-13/Main/01 Due Date: 16th August, 2012

Sealed Quotations are invited for the purchase of 01 NO. Server with the following specifications:

Srl No.	Specification	
	Parameter	Specification
1	Processor	Four Intel Xeon E5-4620 2.20GHz, 16M Cache, 7.2GT/s QPI, Turbo, 8 Core, 95W
2	Chipset	Intel C600 or later OEM Chipset
3	Memory	64 GB (8 X 8 GB) RDIMM, 1333 MHz, Low Volt, Dual Rank, x4 Bandwidth DDR-III ECC Memory upgradable to 1500GB, operating at 1333Mhz or higher
	Server Chassis	Server chassis should be toolless serviceable
4	Hard Disk	2 X Hot Swap 300 GB SAS Disk Drives in RAID 1 Configuration for OS
		Server Should Support Fusion I/O or PCI-e SSD Disk Drives for cachecade
		Server should be capable of accomodating upto 4 additional disks
		OS and Cache disks should be connected to separate Raid Controllers
5	Ethernet Ports	Four Embedded Gigabit Ethernet Ports, 2x 1G RJ45 + 2x 10G SFP+/RJ45
		Embedded 10G ports should be capable of FCoE
6	I/O Expansions	After cards offered above the server should have an additional 2 PCIe slots available and free for future expansion and at least Two should be of PCIe x16 type
7	FC Ports	At-least 2 Fiber Channel Ports (8Gbps) per Server
8	Management	Dedicated Management Controller for system management functionality on every Server.
		Management Component to enable Virtual Power OFF/ON and Remote KVM console over the Network. Should also be capable of remote CD drive from Remote machine.
9	Availability	Server should be provided with Redundant hot swappable Power supplies
		Server should have redundant fully populated hotswappable Fans
		Should be supplied with OEM management controller and software required to update and rollback system and PCI card firmware. Earlier versions of firmware should be stored locally of the system

10	Environmental	To allow for Datacenter cooling failure Server should be capable of operating for a short period of time not exceeding 1% of annual operating hours at 45 degrees centigrade
		Server should be capable of operation in a temperature range of 10 to 35 Deg Centigrade
		OEM Server management utility capable of setting Server level and or rack/Datacenter level power cap should be provided. The utility should also be able to report on power utilization.
11	Racking	Should Be compatible with, 4 post and 2 post racks
12	Support and Implementation	3 Years Comprehensive 24 X 7 Support with a 6 Hour Call to Resolution Commit by the OEM directly for hardware.
13	Operating System	Support for Windows and Linux (OEM to confirm)

Terms & Conditions

1. Separate Technical and commercial bids are required to be submitted in separate sealed envelopes otherwise the quotation will be rejected. Technical Details with commercial information are bound to be rejected.
2. Compliance chart should be clearly attached along with technical bid otherwise the quotation will be rejected.
3. Validity of the quotation should be at least 90 days from the date of submission.
4. Sealed quotations must be marked "Head CSE, and Should reach the Head CSE Office, IIT, Hauz Khas, New Delhi- 110016, latest by 16th Aug, 2012 up to 5:00 p.m.
6. Quotation must indicate a delivery schedule, which in no case should exceed 3 weeks from the date of placement of order.
7. Incomplete and conditional submitted tenders would be summarily rejected. Quotation received later than 5:00 p.m. on due date are liable to be ignored.
8. Payment will be made after satisfactory installation as per IIT norms.
9. Only INR quotes will be accepted. Dollar quotes will be rejected.
10. The OEM should be ISO 9001 Certified (Copy of ISO Certificate should be enclosed).
11. Institute Reserves the right to accept/Reject any or all quotation without Assigning any reason thereof.