

Sealed Quotations are invited for the following:

A Dual Socket Server

Qty. 1

Item	Details
Form Factor	1-U Rack
Processor	<ol style="list-style-type: none"> 2 six core Intel Xeons At least 12M L2/L3 cache At least 2.5 GHz clock speed Should support hyper-threading
Memory	<ol style="list-style-type: none"> 64GB, expandable to at least 128 GB DDR3 RAM Minimum of 3 DIMM DDR3 channels and 10 DIMM DDR3 sockets Should support ECC and Memory mirroring
Chipset	Latest chip set. Launch date should be after Jan 2008.
Hard Disk	<ol style="list-style-type: none"> 2 * 300 GB At least 10k SAS At least 6 Hard Disk Bays, Support for SAS and SSD
Raid Controller	<ol style="list-style-type: none"> Should support RAID 1,5,6,10,50,60 At least 512 MB battery backed cache Should support at least 64 GB virtual disks and online capacity expansion
I/O Slots	Two PCI Express 2 , 8x slots
Network Adapter	<ol style="list-style-type: none"> Two dual port 1 Gbps Ethernet NIC Support for IPv4, IPv6, PXE 2.0 remote boot, iSCSI, RDMA, Wake-on-Lan, Bare Metal Deployment Support
Optical Device	DVD Read-Write
Graphics	At least 8MB shared video memory
Ports	<ol style="list-style-type: none"> Two USB 2.0 compliant ports At least one internal flash memory card slot At least four 100/1000 Mbps Ethernet Ports
Power	2 Hot Plug Redundant Power Supplies and redundant cooling fans
Systems Management	<ol style="list-style-type: none"> Support for configuration and checking the status of RAID Remote administration : BIOS setup, startup, shutdown IPMI 2.0 compliant, TPM Cryptographic functions Detailed diagnostic tool for online maintenance Possible to update BIOS and firmware Command Line interface
Host Bus Adapter	Dual port 6 Gbps SAS HBA for connectivity to external storage
Media Bays	1 Slimline Bay
Operating Systems Support	Should support RedHat and Suse Linux
Benchmarks	Should have published Specint, Specfp, and Specpower numbers

B Additional Storage

Qty 1

Item	Details
Form Factor	Rack or tower based storage connected directly to the server
Connectivity	6 Gbps end to end
Hard Disk Drives	Should support upto 15k RPM SAS, Near Line SAS, and SSD drives
Encryption	Support for self encrypting drives
Expansion	Can expand upto 120 drives using multiple enclosures
Storage Size	At least 7 * 2 TB NL or regular SAS Drives
Host Connectivity	Upto 8 servers can be connected in a normal configuration
Storage Controller	1. Contains at least 2 GB of battery backed cache
Raid Controller	Support for RAID 0,1, 5, 6, and 10
Checkpointing	Should support snapshot and clone features
Host Connectivity	Four x4 6 Gbps SAS
Remote Management	One RJ 45 1Gbps Ethernet
Certification	Certified for Enterprise Class 99.999% reliability

The Bidder should note that both the Server and Additional Storage should be from the same OEM else the bid will be rejected. Bid should be made for both the items. Single bids will not be accepted.

Terms and Conditions

1. Separate Technical and commercial Bids are required to be submitted in separate sealed envelopes otherwise the quotation will be rejected.
2. Compliance Chart should be clearly attached alongwith technical bid.
3. PAN No. to be submitted with technical bid.
4. A Valid Agency Ship/Dealership Certificate (Specific to this tender) authorizing the agent to quote to IIT Delhi on behalf of Principals should be enclosed of a latest date in original alongwith the technical bid.
5. Validity of quotation should be minimum 90 days from the date of submission
6. Sealed quotation must be marked, Head, Deptt of CSE and should reach room No. 404, Bharti Building, IIT Hauz Khas, latest by 27th Feb, 2012 by 5:00 PM Sharp.
7. Quotation must indicate a delivery schedule, which in no case should exceed 4 weeks from the date of placement of order.
8. Quotation must include all taxes and duties, if any.
9. Only INR bids will be accepted.
10. Payment will be made after successful installation as per IIT Norms.