

INDIAN INSTITUTE OF TECHNOLOGY DELHI
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Quotations are invited for purchase of “NAS SERVER with Backup 30 to 60TB (Raw Capacity)”with the following Specifications:

Due date: 02/09/2015 (12Noon)

Qty: One or Two

Sealed quotations are invited from reputed manufacturer/bidder for purchase of NAS SERVER with backup in the department. There will be a two bid system-a technical bid and a financial bid. The technical bid should also contain post warranty AMC terms. Technical bid should not contain any commercial information, else will be rejected. The financial bid will be opened only if technical bid functionally meet the tender specification. Before submitting the tender, read the tender terms & conditions carefully.

Technical Specification:-

CPU Frequency	Intel Quad Core 2.4Ghz or better
Memory	AT least 2GB DDR3 Memory (expandable to at least 6GB)
Internal HDD Bays	At least 5 * 3.5” Hot Swap Bays Support Generic SATA-II HDD
Internal Storage	At least 30TB (6Tb * 5) RAW Capacity, expandable to at least 72 TB (6Tb * 15).
Ext. Device Interface	4 * USB 3.0 Ports + 2 * eSATA Expansion Ports
RAID Level	RAID 0,1,10,5,6, RAID 5 + Hot Spare & JBOD
Gigabit LAN	Four Gigabit Ethernet ports
File System Support	EXT4, (EXT3/FAT/NTFS) Ext. Disk Only
Networking Protocol	CIFS, AFP, FTP, Telnet, SSH, NFS
OS Support / System Compatibility	Windows, Linux / Mac Clients
NAS Management (Embedded)	USER creations, Full ADS integration, RAID Management, Built in Firewall, FTP Server, SNMP & HTTPS Support, iSCSI support, Resource Monitoring, Web Based File Management, Schedule Power ON/OFF Link Aggregation,
Scalability	Up to at least 15 Bays
Performance using NFS export	(a) Large sequential file read/write with GB link aggregation: at least 300 MB/s

	(b) Large sequential file read/write without link aggregation: at least 70 MB/s (c) Small files read (10K) over Ethernet: At least 50 MB/s (d) Small files write (10K) over Ethernet: At least 30 MB/s.
Max. Storage	Up to 90TB RAW
Power Consumption	Max. 60W Access
Form Factor	Desktop
Size	157mm x 248mm x 233mm
Disk	5*6 TB SATA –II HDD
Warranty	3 Years (at least)

Terms & Conditions:

1. Separate Technical and commercial bids are required to be submitted in separate sealed envelopes.
2. Compliance chart and List of Components should be clearly attached along with technical bid. (Note: The Compliance chart must match with the Technical Datasheet)
3. The model no. must be mentioned with the technical datasheet.
4. If the quote is submitted by the representative of Principals/Manufacturers, a Valid Agency ship/Dealership Certificate should be enclosed specific to this tender at a recent date in original, else will be rejected. **Only OEM or Dealer can quote but both cannot submit the bid.**
5. Validity of the quotation should be at least 90 days from the date of submission.
6. The Delivery schedule shouldn't exceed 4 weeks from the date of placement of order.
7. The Bidder should be ISO Certified (Copy of ISO Certificate should be enclosed).
8. Institute Reserves the right to accept/reject any or all quotation without assigning any reason.
9. No Query regarding change in specification will be entertained.
10. Penalty Clause: If the material not received in stipulated time, deduction will be made @ 1% per week from the total value.
11. Payment will be made after satisfactory installation as per IIT Delhi norms through RTGS/NEFT.
12. Only INR quotes will be accepted. Dollar quote will be rejected. **(No CDEC will be issued by IIT Delhi against INR quote).**
13. Sealed quotations must reach in the "Office of Head, Department of Computer Science & Engineering, Room No.401, 3rd floor, Bharti Building, IIT Delhi, Hauz Khas New Delhi-110016 latest by 02/09/2015 upto 12noon.
14. IIT Delhi is exempted for paying excise duty, if applicable exemption certificate will be issued for the same.
15. The vendor has to deposit 5% Performance Bank Guarantee for the warranty period.

Prof.Rahul Garg