

Sr	Detailed Specification of the Stores	Qty
1.	<p>Network Attached Storage (NAS) server</p> <p>CPU: Quad/6 core Xeon E-series 2.4 Ghz or better processor.</p> <p>Memory Cache: At least 8 GB of usable memory.</p> <p>Supported protocols: It should support iSCSI, NFS and SMB/CIFS protocols for use with different applications. Any hardware/software support required for this shall be supplied along with the system.</p> <p>RAID level support: The system should support RAID levels 5/6/10 or RAID DP.</p> <p>Connectivity ports: 2 or 4 Gigabit LAN ports, 2 or 4 10 Gbps port and any number of USB ports, <i>eSATA port</i></p> <p>Storage software built-in functionality:</p> <ol style="list-style-type: none"> 1. Storage should have standard NAS security features. 2. Storage should have data protection with a possibility of unlimited snapshots. It should include required licenses. 3. Possible thin provisioning. <i>(preferred)</i> 4. Possibility of web-managed replication for disaster recovery mechanism. <i>(preferred)</i> 5. Real time antivirus monitoring. <i>(preferred)</i> <p>Storage capacity: The storage shall support enterprise SATA (2.5 inch or 3.5 inch) and SSD disk. The NAS should have 36 TB raw storage disk capacity with 4 TB on SSD. The above mentioned SATA disks should be hot swappable. Number of hard drive bays could be 12 or higher.</p> <p>OS Support: The storage shall have support for standard operating systems platforms such as LINUX, Red Hat Enterprise LINUX, Microsoft Windows, SUN Solaris, IBM-AIX etc.</p> <p>Management: Graphic User Interface (GUI) based and web-enabled interface for storage system configuration and management. The storage system must installed software for comprehensive monitoring, if possible real time performance analysis and reporting. The storage system software with automatic backup from different machines will be preferred.</p> <p>Rack support: Standard 19 inch. The NAS box should be rack mountable.</p> <p>Fans and power supplies: Fully redundant and hot swappable.</p> <p>Licenses and Support: The license for the storage system must be provided for entire capacity including softwares installed on the system. At least 3 year hardware and on-site support for installation, management and dealing with routine fixing on any errors in the system.</p> <p>The vendors can provide any number of storage solutions that could satisfy the above mentioned criteria. In addition, vendors should highlight the satisfied criterion in their technical specifications sheet.</p> <p>Preferred manufacturers: Dell, IBM, EMC, Netgear, D-Link and HP.</p>	01