

Sl. No.	Item/Feature	Required Technical Specification
		<ul style="list-style-type: none"> <li>• Management Software: Please include Server Management Software tool for simplifies server setup, health monitoring, power and thermal control, and for remote administration.</li> <li>• Security Features: Power-on password, Serial interface control, Administrator's password, UEFI, TPM 1.2 Authentication: Different parts of the system must be certified with brand company and should have Parts No. on each Part.</li> <li>• Certificate: ISO and FCC Class B Certificate.</li> <li>• Power Supply: 2 X 500W Flex Slot Platinum Hot Plug Power Supply with 94% efficiency</li> <li>• Warranty: 02 Years full warranty with support and labour.</li> </ul>
22.	Redundant Application Servers	<p>Redundant application servers (4 application servers: 2 for proposed fingerprint solution and 2 for existing IMS) have to be provided to ensure high availability of proposed system and load balancing of existing IMS.</p> <p>Installation, configuration and deployment of 2 application servers (in IMS) for load balancing are the responsibility of the proposed bidder/supplier.</p> <p>Installation, configuration, deployment and license of 2 application servers for the proposed fingerprint solution are the responsibility of the bidder/supplier. Specification of each of these 4 servers must comply at least with the following:</p> <ul style="list-style-type: none"> <li>• Brand: Should be internationally reputed</li> <li>• Model: Should be mentioned</li> <li>• Country of Origin: Should be mentioned</li> <li>• Country of Manufacturing: Should be mentioned</li> <li>• Form factor: Rack Mount</li> <li>• Processor Type: Intel® Xeon® E5-2640 v3 (2.6GHz/8 core) or equivalent internationally reputed, industry standard and widely used Processor.</li> <li>• No of Processor: 2 Processors.</li> <li>• Chipset: Industry Standard Intel C610 series or equivalent internationally reputed , industry standard and widely used Chipset.</li> <li>• Memory (RAM): Minimum 64 GB DDR4 RAM and upgrade up to 768GB</li> <li>• Cache Memory : 20MB L3 Cache (Minimum) per processor</li> <li>• QPI Speed: Minimum 8.0GT/s QPI Speed</li> <li>• Internal Hard Disk: 4 X 600GB 15,000 RPM (Minimum) SAS Disk Drive</li> <li>• DVD Drive: 1 X DVD-RW Drive</li> <li>• Media Bays: Minimum 26 SFF Drive Bays</li> <li>• I/O Slots: Minimum Six expansion slots.</li> <li>• RAID Card: Flexible SAMRT Array Card with 2GB Flash Backed/Battery Backed write Cache and supports RAID 0/1.</li> <li>• Network Adapter: 4 X 1Gb Network Port, 1 X 1Gb dedicated for Remote Management.</li> <li>• FC Card: 2 X Minimum 8Gb Single Port FC HBA.</li> <li>• Graphics: Integrated Graphics</li> <li>• Supported Operating System &amp; Virtualization Software: Red Hat Enterprise Linux (RHEL), Oracle Enterprise Linux, Microsoft Windows Server, Canonical Ubuntu, SUSE Linux Enterprise Server (SLES), VMware, Citrix XenServer.</li> </ul>