

MS 7

Server Specification

Item	Description of Requirement
Form Factor	Maximum 2U with Rail Kit (Rack Mountable)
Processor	Intel® Xeon® E7 4800 v3Series Processor 12 Core, 30MB Cache, 2.1 GHz 8 GT/s Intel® QPI
No. of Processors	2 (Two) its upgradeable to 4 (Four) processors
Chipset	Intel® 7500 / 7510 Scalable Memory Buffer
Memory	128GB(16GB * 8) with DDR3 or higher , 1600 MHz or above Registered (RDIMM) memory scalable upto 512GB
HDD Storage	Minimum 6TB Usable with 5 or more equal capacity Drive - SAS, 15K rpm, 2.5" Hot pluggable using RAID-5
HDD Bays	Minimum 8 Hot Plug 2.5" hard disk bays + CDROM/DVD Bay
RAID Controller	RAID Controller with 1GB Cache & BBU, Should support RAID levels 0,1, 10, 5, 50, 6 & 60 or higher
Optical drive	DVD/CD-RW combo drive
Ethernet	4 x 1G Ethernet ports with dual controllers or higher, 2 x 8G FC ports with dual controllers or higher
Ports	USB 3.0 support With 6 total ports: (2) ports in front; (4) ports in back , 1 Serial Port
Slots	All cards should be on 64 bit PCI -X/PCI -e slots with minimum 4 PCI. 25% of total slots should be free for future expansion; that is the Bidder should not consume more than 75% available slots in the server.
Monitor & Accessories	Monitor: 18.5" or higher and Keyboard and Optical Mouse
Management	OEM Server Management Suite, Integrated remote management controller with dedicated 10/100 Mbit/s port, should support graphical console redirection and remote media redirection
OS Certification	The quoted system must be certified on 64-bit Windows Server 2008 R2, 64-bit Red Hat® Enterprise Linux 6.2. Certification or Web Link for the quoted model should be submitted
OS Support	Microsoft Windows Server 2008R2 or higher, Red Hat Enterprise Linux (RHEL) 6.2 or higher,Centos 64bit 6.3 or higher, SUSE Linux Enterprise Server (SLES)
Virtualization Support	The system should be virtualization aware system with support for virtualisation platform like HyperV, VM Ware, Citrix, KVM.
Fans	Redundant Fans
Power Supply	Redundant Power Supply (N+N)
WARRANTY	3 years 24x7 onsite comprehensive warranty from the OEM.