

IN THE HIGH COURT OF DELHI: NEW DELHI

F. No. 647/Comp./DHC/No. 335

Date: 06/05/2015

TENDER NOTICE

Purchase of Eight (08) Blade Server and One (01) Blade Chassis

This court intends to purchase Eight (08) nos. of Blade Servers and One (01) nos. of Blade Chassis with below mentioned/or higher specifications:-

Specifications for Blade Server

S. No.	Items	Specification
1.	Description	a) Blade Chassis to accommodate minimum of 14 or more quantities of 2 CPU Half/Full height Hot Pluggable Blade Servers (Quoted in tender). b) Should support two or more processor based blade server of latest generation. c) Same chassis should support Intel, AMD and RISC / EPIC processor based Blade Servers for future applications. d) Single console for all blades in the enclosure or KVM Module with built in KVM switch or Virtual KVM feature over I P. e) Should support Hot Pluggable & Redundant chassis Management Modules. f) Dual 10g network connectivity for each blade server for redundancy should be provided. g) DVD ROM can be internal or external, which can be shared by all the blades allowing remote installation of S/W and OS
2.	Interconnect support	Should support simultaneous housing of Ethernet, FC, SAS, iSCSI, IB interconnect fabrics, offering Hot Pluggable & Redundancy as a feature. Enclosure Should have minimum 8 Interconnect Bays
3.	Ethernet Switch	2 redundant non-blocking managed 10GB Ethernet switches to be provided in the blade chassis for connecting all the blade servers in redundant Configuration. Additionally, minimum, 6 Nos. of 10Gb uplink ports should be there to connect the blade chassis to NAS & external core switch.
4.	Blade Server FC Interconnect	It should have Dual Redundant 8 Gbps Fiber switches to connect to External SAN for all the blade servers.
5.	I/O Path for all Fabrics	Blade Chassis should provide complete I/O redundancy to blade servers to provide maximum uptime.
6.	Power Modules	Hot Swap redundant power supplies to be provided, Power supplies should have N+N. All Power Supplies modules should be populated in the chassis
7.	Cooling	Each blade enclosure should have a fully populated cooling subsystem consisting of hot pluggable fans / blowers enabled with technologies for improved power consumption and acoustic
8.	Form Factor	10U or lesser.
9.	System Panel	LED/LCD panel to provide power-on, location, over temperature, information and system error conditions.
10.	Warranty	05 (Five) Years Onsite warranty with spares.

Specifications for Blade Chassis

S. No.	Items	Specification
1.	CPU	Having two no. of Intel® Xeon® E5-2600 v2 product families(8 core) 64-bit X86 processor in per server
2.	Cache	2.5MB/more per core or 20 MB(or more) per processor
3.	Chipset	Latest chipset to be provided to support above given processor specifications.
4.	Memory	128 GB Registered DDR-3 1333 MHz or higher ECC Memory Upgradable to 512 GB with 16 or Higher DIMM slots. Memory modules of 32 GB each should be provided.
5.	Primary storage/ Internal storage	2 x 300 GB 15K RPM HDD hot pluggable system disk with mirroring using integrated RAID 0,1 on internal disks
6.	Graphics Controller	Integrated Graphics Controller.
7.	HBA	The Blade should have dual port 8 Gbps or more Fiber Channel HBA for connection with SAN directly or through chassis.
8.	Diagnostics	Pre failure alerts for all active and important components like processors, memory, hard drives.
9.	Ethernet Ports	Blade Servers should be configured with two or more 10Gbps Ethernet Ports.
10.	Expansion Slot	Minimum of 2 PCI-e X8 based mezzanine slots supporting Ethernet, FC adapters,10GB,infiniband adapters etc.
11.	Form Factor	Half/Full Height Blade.
12.	Failure Alerting Mechanism	The Server should be able to alert impending failures on maximum number of components. The components covered under alerting mechanism should at least include Processor, memory, HDDs and expansion cards.
13.	OS for server	Pre-loaded Microsoft Windows Server 2008 R2 SP1, x64 (includes Hyper-V) or higher version of Microsoft Windows Server.
14.	Service	Installation and configuration of blade servers in blade chassis as per our requirement. Training to manage the system for day-to-day work.
15.	Warranty	05(Five) Years Onsite warranty with spares.

You are requested to submit quotations for the same thereof in a sealed envelope to the undersigned on or before **27th May 2015** . The validity of rates should not be less than six months.

The envelope should be addressed in the name of “Registrar General, Delhi High Court, New Delhi” and the subject of this letter be superscribed on the envelope.

The quotation received after due date shall be summarily rejected.

Yours Truly,

Sd/-
(Girish Sharma)
Registrar (Comp.)
for Registrar General