

IN THE HIGH COURT OF DELHI: NEW DELHI

F.No. 647/SA-5/Comp./DHC/No. 74

Date: 24-01-2017

TENDER NOTICE

Purchase of Nine (09) nos. of Blade Servers and One (01) no. of Blade Chassis

This court intends to purchase nine (09) nos. of Blade Servers and one (01) no. of Blade Chassis for the use of Delhi High Court with at least below mentioned specifications:-

Specifications for Blade Servers

S. No.	Items	Specification
1.	CPU	Having two nos. of Intel Xeon E5-2620 v3 product families or latest (8 core) 64-bit X86 processor.
2.	Cache	2.5 MB/ 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 16 or 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 10 GBPS 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.

Specifications for Blade Chassis

S.No.	Items	Specification
1.	Description	<ul style="list-style-type: none">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 x86 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, ISCSI, IB interconnect fabrics, offering Hot Pluggable & Redundancy as a feature. Enclosure should have minimum 6 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.

The vendors who are interested to quote for Blade Servers and Blade Chassis are requested to submit the compliance sheet of Technical Specifications in detail.

The vendors requested to submit quotations along with latest authorization letter from OEMs for the same thereof in a sealed envelope to the Computer/Stationery Branch, Room No. 6, Ground Floor, LCB-III, Delhi High Court on or before 14-02-2017.


The rates offered for equipment(s)/Software(s)/Product(s) should be inclusive of all taxes and clearly mentioning the warranty period of each product duly offered in quotation. The vendors will also be required to maintain the equipments/software/system for a period of five years after installation duly supported by OEM. The validity of rates should not be less than six months.

The envelope should be addressed in the name of "The 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.

This Court reserves the right to modify/amend the quotation letter/terms and conditions at a later stage. This Court reserves the right to place the Order fully/partly to different firms/vendors.

Yours Truly,


(Girish Sharma)
OSD (Comp.)
for Registrar General