

Through Speed Post

IN THE HIGH COURT OF DELHI AT NEW DELHI

F.No.647/Comp./DHC/No. 31910-919

Dated: 27/12/14

From,
The Registrar General
Delhi High Court
New Delhi
To,

Sub: Quotation for Blade Server and Blade Chassis.

Sir,

This Court intends to purchase eight (08) Blade Server and Blade Chassis with at least below mentioned or better specifications:-

Specifications for Blade Server

S. No.	Items	Specification
1.	CPU	Latest generation x64 processors (64-bit). Each Blade server should be populated with 2 numbers of Intel Xeon E5-2630 (6 Core / 2.30 GHz/15 MB L3).
2.	Cache L3	Minimum 15 MB of L3 Cache.
3.	Chipset	Latest chipset to be provided to support above given processor specifications.
4.	Memory	64 GB Registered DDR-3 1333 MHz or higher ECC Memory Upgradable to 512 GB with 16 or Higher DIMM slots. Memory modules of 16 GB each should be provided.
5.	Controllers	Redundant Hardware storage controller to support RAID 0,1,5 and 10 (RAID 1+0).
6.	Disk Drivers	Should support SAS and SSD hard drives 2*300GB, 15K RPM drives in RAID 1, 0 support for all servers.
7.	Graphics Controller	Integrated Graphics Controller.
8.	Diagnostics	Pre failure alerts for all active and important components like processors, memory, hard drives.
9.	Connectivity to Internal/External Storage (HBA)	Redundant SAS or FC connectivity to Internal / External Storage should be available for all Blade Servers directly or through the Blade Chassis.
10.	Ethernet Ports	Blade Servers should be configured with dual 10 GBPS Ethernet Ports.
11.	Form Factor	Full/half Height Blade Servers with Dual Redundant Connectors architecture.
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 Support	Latest version Ubuntu, Redhat, Novell, VMWare ESX and MS Windows Hyper-V.
14.	Bus Slots	Minimum of 2 PCI-e X8 based mezzanine slots supporting Ethernet, FC adapters, SAS, 10GB, and Infiniband adapters.
15.	Warranty	05(Five) Years Onsite warranty with spares.

Specifications for Blade Chassis

S. No.	Items	Specification
1.	Description	Should provide common resources essential for the Blade Servers like Power, Ethernet, Internal/External Storage.
2.	Blade Bays	Blade Chassis to accommodate minimum of 16 or more quantities of 2 CPU Full/Half Height Hot Pluggable Blade Servers with Dual I/O Connectors for

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		Redundancy.
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.	I/O Path for all Fabrics	Blade Chassis should provide complete I/O redundancy to blade servers to provide maximum uptime.
5.	SAS Switch Modules	Chassis should be configured with Dual Redundant HOT Swap SAS Switch Modules or Fiber Channel Switch Modules for connecting Internal or External Storage and should support hardware RAID 0,1,5 and 10 (RAID 1+0).
6.	Management Modules	Blade Chassis should be configured with management modules to manage all the blades using GUI. Management module should have features to help take control of the server and the operating system. Management module should also provide IP based KVM functionalities for all the blades.
7.	Power Modules	Blade enclosure should be populated fully with required hot pluggable power supplies for fully loaded chassis.
8.	Form Factor	8U or lesser.
9.	DVD Drive	Chassis should be configured with 1 Nos of DVD-RW Drive.
10.	System Panel	LED/LCD panel to provide power-on, location, over temperature, information and system error conditions.
11.	Management Software	Chassis should be provided with management software license to provide blade failover to a standby blade automatically without any manual Intervention when even any blade in production fails.
12.	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 along with latest authorization letter from the manufacturer on or before 16-01-2015. The validity of rates should not be less than six months. The vendor should clearly mention the technical details of the products being offered, the rates,taxes and the warranty period.

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,



(Rajeev Chauhan)

Assistant Registrar (Comp.)
for Registrar General

F. No. 647/Comp./ DHC/No. _____ Dated:- _____

CC to:- for information and uploading on Delhi High Court Website.

1. Dealing Assistant, Computer Cell, Delhi High Court.



(Rajeev Chauhan)

Assistant Registrar (Comp.)

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