

High Court of Judicature at Allahabad
Tender Notice No. CC-01/2005

Corrigendum

Tender Notice

Last Date of Tender submission is extended to **January 28, upto 2.30 p.m.** in place of January 21, 2006 upto 2.30.p.m. Bids “Terms & Conditions and “Technical Bids” shall be opened on January 28, 2006 at 3.45 p.m..

Part-I
Terms & Conditions

Point no. 6: In place of **January 18, 2006** at 3.45 p.m., it should be read as **January 21, 2006** at 3.45 p.m.

Part-2 Technical Bid
Section-I

HC-1(A) Hardware Specification (Option-A)

S.N.	Page no. of the Tender document	Parameter	Specification	Revised Specification
1.	New parameter included	System Fans	-----	Atleast 4 nos. of chasis fans for sufficient cooling
2.	Page No.7	RAID Controller	Dual Channel Ultra-320 with minimum 256 MB cache with battery backup and installed in PCI-X or PCI-Express slot. Supports Raid 0,1,5,10 and 50	Dual Channel Ultra-320 with minimum 256 MB cache with battery backup and installed in PCI-X or PCI-Express slot. Supports Raid 0,1,5 and 10
3.	Page no.7	Disk Bays	Hot Swap capable at least 8 Disk Bays	Hot Swap capable at least 6 Disk Bays
4.	Page no.7	Network	Dual Port 10/100/1000 Ethernet Controller	Dual 10/100/1000 Ethernet Controller
5.	Page no.7	PCI	At least 5 nos. 64 bit/100/133 MHz PCI-X and two PCI Express 4x/8x slots	At least 3 nos. 64 bit/100/133 MHz PCI-X
6.	Page no.7	CD Drive	Internal IDE Combo Drive (52x/24x/52x)	Internal IDE Combo Drive (52x/24x/48X)
7.	Page no.7	Backup Device	Internal Super Digital Linear Tape (SDLT) Drive 40/80 GB	Internal/ External Super Digital Linear Tape (SDLT) Drive 40/80 GB
8.	Page no.7	Monitor / Keyboard /Mouse	15" LCD colour monitor (Folding type Rack Mountable), OEM keyboard(Rack Mountable), OEM optical mouse (Rack Mountable) with pad.	15" LCD colour monitor (Folding type Rack Mountable), OEM keyboard(Rack Mountable), OEM optical mouse/touchpad (Rack Mountable)
9.	Page no.7	Server Management Software	Support Remote Access & Remote monitoring, Server trouble shooting, Health Indicator and Corrective Action including Auto Mated Power Cycling, OS Watch DOG Timer and Fault Resilient Booting.	Support Remote Access & Remote monitoring, Server trouble shooting, Health Indicator and Corrective Action including Auto Mated Power Cycling and Fault Resilient Booting.
10.	New parameter included	Form Factor	-----	2U
11.	Page no.7	Certifications	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT (For Indian Manufacturers only)

HC-1(B) Hardware Specification (Option-B)

S.N.	Page no. of the Tender document	Parameter	Old Specification	Revised Specification
1.	New parameter included	System Fans	-----	Atleast 4 nos. of chasis fans for sufficient cooling
2.	Page No.8	RAID Controller	Dual Channel Ultra-320 with minimum 256MB cache with battery backup and installed in PCI-X or PCI-Express slot. Supports Raid 0,1,5,10 and 50	Dual Channel Ultra-320 with minimum 256MB cache with battery backup and installed in PCI-X or PCI-Express slot. Supports Raid 0,1,5 and 10
3.	Page no.8	Disk Bays	Hot Swap capable at least 8 Disk Bays	Hot Swap capable at least 6 Disk Bays
4.	Page no.8	Network	Dual Port 10/100/1000 Ethernet Controller	Dual 10/100/1000 Ethernet Controller
5.	Page no.8	PCI	At least 5 nos. 64 bit/100/133 MHz PCI-X and two PCI Express 4x/8x slots	At least 3 nos. 64 bit/100/133 MHz PCI-X
6.	Page no.8	I/O Ports	At least 2 serial and 3 USB 2.0, 2 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.	At least 1 serial and 3 USB ports, 2 RJ45 Port, 1 PS/2 Keyboard Port, 1 PS/2 Mouse Port.
7.	Page no.8	CD Drive	Internal IDE Combo Drive (52x/24x/52x)	Internal IDE Combo Drive (52x/24x/48x)
8.	Page no.8	Monitor / Keyboard /Mouse	15" LCD colour monitor (Folding type Rack Mountable), OEM keyboard(Rack Mountable), OEM optical mouse (Rack Mountable) with pad.	15" LCD colour monitor (Folding type Rack Mountable), OEM keyboard(Rack Mountable), OEM optical mouse/touchpad (Rack Mountable)
9.	Page no.7	Server Management Software	Support Remote Access & Remote monitoring, Server trouble shooting, Health Indicator and Corrective Action including Auto Mated Power Cycling, OS Watch DOG Timer and Fault Resilient Booting.	Support Remote Access & Remote monitoring, Server trouble shooting, Health Indicator and Corrective Action including Auto Mated Power Cycling.
10.	Page no.8	Other features, if any	Support Memory Mirroring/Memory Sparring, Hardware Periodic Memory Scrubbing for Enhanced Memory throughput	Support Hardware Periodic Memory Scrubbing for Enhanced Memory throughput
11.	New parameter included	Form Factor	-----	2U
12.	Page no.8	Certifications	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT	Red Hat, SUSE Ready, Microsoft, ISO 9001, 14001, MAIT (For Indian Manufacturers only)

HC-3 Storage Area Network (SAN), SAN Switches and HBA's.

S.N.	Page no. of the Tender document	Parameter	Old Specification	Revised Specification
1.	Page no. 9	SAN Storage Controller	2 Nos. Host based controller for redundancy & high availability with dual 2 Gbps fibre channel ports per controller (total 4 x 2Gbps FC ports for the Array)	2 Nos. Host based active-active controllers for load balancing, redundancy & high availability with dual 2 Gbps fibre channel ports per controller (total 4 x 2Gbps FC ports for the Array)
2.	Page no. 9	Hard Disk Drives	14 nos. of 146GB dual ported FC HDDS (15K RPM) and one hot spare HDD. Heterogeneous disk type and capacity (viz. Fibre Channel and SATA with capacities of 72GB (10K, 15K), 300 GB, etc) should be supported	14 nos. of 146GB dual ported FC HDDS (15K RPM) or 7 nos. of 300GB (10K RPM) dual ported FC HDDS. Heterogeneous disk type and capacity (viz. Fibre Channel and SATA with capacities of 72GB (10K, 15K), 146GB (10K, 15K), 300 GB, etc.) should be supported
3.	Page no. 9	Hard Disk Bays	Minimum 15 Fibre Hot Swappable HDD Bays	Minimum 14 Fibre Hot Swappable HDD Bays
4.	Page no. 9	Hot Pluggable Drives	Minimum 110 Hot Pluggable Drives supported	Minimum 56 Hot Pluggable Drives
5.	Page no. 9	Disk Virtualisation	Disk virtualization should be supported in the SAN system.	Parameter Deleted
6.	Page no. 9	Cache Memory	Minimum 2GB Cache per controller, battery backed up for minimum 72 hours or cache destages to hard disk in case of power failure. Cache should be mirrored across controllers for high availability.	Minimum 1GB Cache per controller, battery backed up for minimum 72 hours or cache destages to hard disk in case of power failure. Cache should be mirrored across controllers for high availability.
7.	Page no. 9	Performance	Cached IOPS of 1,20,000 and with 680 MB/sec or above sustained bandwidth.	(Cached IOPS of 1,20,000 or above) or (680 MB/sec or above sustained bandwidth).
8.	Page no.9	Remote Replication	Array should be capable of replicating Data Synchronously or Asynchronously to a remote Array via Fiber Channel/ IP/ Telecom links. This replication capability should be storage array based, and should not additionally load host server CPU's.	Parameter Deleted
9.	Page no. 9	Host Bus Adaptor (HBA) Card	4 Nos. PCI Express HBA Card compatible with Red Hat Enterprise Linux AS 3.0 or above and with Windows-NT/ 2000/ 2003 operating systems. Same should also be compatible with SAN and servers quoted.	4 Nos. PCI Express/PCI-X HBA Card compatible with Red Hat Enterprise Linux AS 3.0 or above and with Windows-NT/ 2000/ 2003 operating systems. Same should also be compatible with SAN and servers quoted.

HC-4(B). Backup Software.

S.N.	Page no. of the Tender document	Parameter	Old Specification	Revised Specification
1.	Page no. 10	Licensing	<ul style="list-style-type: none"> No extra license for Client and media servers while moving from LAN to SAN based backup. Unlimited client and Media license (standalone) for SAN based backup and LAN based backup. 	<ul style="list-style-type: none"> Client and Media license for SAN based backup and LAN based backup for maximum scalable capacity of SAN (15 TB) or 4 nos. Servers connected to SAN and 6 nos. of Servers connected on LAN to be backed up.