



## Department of Aerospace Engineering

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### Quotations invited

Sealed quotations are invited for a server with the specification outlined below. Quotations may be sent by post/courier to the above mentioned address. The details of the requirement are mentioned below.

- Enquiry No: AE/AK/001
- Opening date: 1000hrs, 31 OCTOBER, 2011
- Closing date: 1700hrs, 11 NOVEMBER, 2011
- Details of requirement \*:

Item	Description of Requirement
Processor	4 X AMD Opteron processor Model <b>6164 1.9GHz</b> 12 Core OR Higher
Chipset	AMD SR5690/SP5100
Cache	12MB shared L3 cache
Memory	32GB 2Rx4 PC3-10600R-9 Expandable 512 GB
Memory Features	Advanced ECC
Network Controller	4 Port Integrated Multifunction Gigabit Server Adapter
Expansion Slots	minimum 11 total slots: 6 x8 PCI-Express, 3 x16 PCI-Express and 2 PCI-X
Storage Controllers	6G SAS Controller with <b>512 MB Flashed Backed Write Cache upgradable to 1GB. Controller should be capable of online scan and remap of bad sectors to ensure data integrity. Controller should support raid 0, 1, 1+0, 5, 5+0,6</b>
Optical Drive	DVD Writer Internal
Hard Disk Drive	<b>6x 1TB MDL SAS 2.5" 10k Hot Pluggable SFF Hard Disk Drive</b>
Graphics	Integrated with 32 MB DDR1 memory
Form Factor	4 U Rack Mountable
Manageability	Dedicated Hardware Controller based Management. Management port should support record/playback, shared remote consol for minimum 6 users simultaneously
Manageability Features	Should be able to manage systems through a web-browser OEM to provide its own systems management software. Alphanumeric or numeric pager alerts

Pre-failure WARRANTY for CPU, Memory & Hard Disk. Part to be replaced based on impending failure alert to be provided by the systems management software BEFORE actual failure of component.

It should provide Secure Sockets Layer (SSL) 128 bit encryption and Secure Shell (SSH) Version 2 and support support VPN for secure access over internet.

Redundant ROM

Should be able to generate a report on Inventory & automatically track server warranty information

Automatic check & update of hardware drivers & Bios Version Control

Benchmarks  
Warranty

Model family should have a certified TPC-c OR SAP Benchmark of minimum 1,000,000 tpmC

3 Year

**\*In case tenderers happen to be a dealer / Distributor for any reputed Brand, a copy of authorization to be submitted for the requiriement.**

Quotation amount must be mentioned in Indian Rupees only.

Sincerely,  
Abhijit Kushari