

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF PHYSICS**

Enquiry No. IITK/PHY/MKV/2016-17/02

Last Date: 10/02/2017

Sub. Quotation for GPU Server.

We are interested in purchasing a GPU Server having the following specifications. You are requested to send your sealed quotations as per under given specifications. Quotations should be submitted in two parts (Two Bid System): Technical bid and Financial bid in two separately sealed envelopes.

Part-I (Technical) should contain all the technical details cum specifications of the offered solutions.

Part-II (Financial) should contain the prices of the offered solutions along with the commercial terms and conditions.

Financial bids for products whose technical bid is not acceptable will not be opened. Any quote where the financial bid is included in the technical bid will be summarily rejected. The sealed envelopes with the quotes should be superscribed with Inquiry number and whether it is a technical or financial bid. The envelope must be inscribed with "Quotation for GPU Server".

1.

Specifications:

Chassis	4 U Rack Mountable Tower with Rail Kit
CPU	2 x Intel® 8 Core Xeon® E5-2620 V4 (20M Cache, 2.10 GHz)
Chipset	Intel® C612 Chipset
Memory	64 GB (2x 32 GB) DDR4 2400 MHz ECC REG (Max. 1TB)
Optical drive	24x DVD RW
HDD	1 x 2TB SATA 7200RPM 3.5inch Enterprise HDD Hot Swappable
RAID Support	RAID 0/1/5/10
HDD Bays	8 Hot-swap 3.5"HDD Drive Bay with Drive Carriers, 3x Fixed 5.25" and 1x Fixed 3.5" Drive Bays
Expansion Slots	4x PCI-E 3.0 x16 (double-width), 2x PCI-E 3.0 x8 (1 in x16 slot) support Thunderbolt 2.0 AOC, 1x PCI-E 2.0 x4 (in x8)

GPU Support	Support upto Four Double-width GPU Cards
Graphics	Integrated Graphics (Aspeed AST2400)
Networking	Two Gigabit Ethernet Ports + 1x Mgmt LAN
GPU Cards	Two Nvidia Titan-X Pascal 12GB GDDR5X RAM
On Board I/O	2x RJ45 LAN ports, 1x RJ45 Dedicated IPMI LAN port, 5x USB 3.0 ports (2 rear, 2 via header, 1 Type A), 4x USB 2.0 ports (2 rear, 2 via headers), HD Audio, 1x VGA port, 2x COM ports (1 rear, 1 Header), Thunderbolt AOC Header
Power Supply	1+1 2000W High efficiency (96%) Redundant (Hot Plug) PSU with PMBus; Titanium Level
System Cooling	4x 92x38mm 4-pin PWM Fans, 2x 80x38mm 4-pin PWM Fans, 2x Active Heatsink with Optimal Fan Speed Control
OS Support	WS2K8, WS2K8R2, WS2K12, WS2K12R2, WS2K16, RHEL 7, VMware ESXi 6.0, XenServer6.2, XenServer6.5, XenServer7.0
Warranty	3 years onsite warranty.

2.

Specifications:

Chassis	4 U Rack Mountable with Rail Kit
CPU	2 x Intel® 8 Core Xeon® E5-2620 V4 (20M Cache, 2.10 GHz)
Chipset	Intel® C612 Chipset
Memory	64 GB (2x 32 GB) DDR4 2400 MHz ECC REG (Max. 1.5TB ECC RDIMM)
HDD	2 x 1TB SATA 7200RPM 2.5inch Enterprise HDD Hot Swappable
RAID Support	RAID 0/1/5/10
HDD Bays	24 Hot-swap 2.5"HDD Drive Bay with Drive Carriers

Expansion Slots	8 PCI-E 3.0 x16 (double-width) slots, 2 PCI-E 3.0 x8 (in x16) slots, 1 PCI-E 2.0 x4 (in x16) slot
GPU Support	Support upto Eight Double-width GPU Card
Graphics	Integrated Graphics (Aspeed AST2400)
Networking	Two Gigabit Ethernet Ports + 1x Mgmt LAN
GPU Cards	Two Nvidia Titan-X Pascal
On Board I/O	2x RJ45 LAN ports, 1x RJ45 Dedicated IPMI LAN port, 4x USB 3.0 ports, 1x VGA port, 1x COM port Header
Power Supply	(2+2) 1600W High efficiency (94%+) Redundant (Hot Plug) PSU with PMBus; Platinum Level
System Cooling	8x Hot-swap 92mm cooling fan
OS Support	WS2K8, WS2K8R2, WS2K12, WS2K12R2, WS2K16, RHEL 7.1, XenServer6.5
Warranty	3 years onsite warranty.

Optional but mandary to quote:

Memory Additional	32 GB DDR4 2400 MHz ECC REG
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NOTE:

1. System should be factory assembled and tested at the OEM site. All the components must be validated, tested and certified by the mother board manufacturer
2. No on-site assembling or integration allowed. Only rack mounting and installation of OS and application and other services are allowed
3. Bidder must specify the exact make/model of RAM and HDD which will cross verified in the mother board website/data sheet
4. Bidder must have office in Kanpur and service/support engineer in Kanpur
5. Testing of the product onsite is mandatory.
6. In no case, the suppliers shall be provided with remote access of the servers.

7. Reporting time should not be more than 2 hours
8. Resolving time should not be more than 2 days
9. Installation, Configuration, maintenance of GPU Server and required Softwares is to be done by supplier during the warranty period.

Terms & Conditions:

- All quotation must reach undersigned on or before 10 February 2017 before 1500 hrs.
- Quotation must be valid for 60 days.
- All prices are to be FOR IIT Kanpur.
- Delivery period must be within 6 weeks from purchase order date.
- The Penalty @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply is not completed within aforesaid delivery period.

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