

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Mechanical Engineering

Enquiry No: Enq/IITK/ME/JB/07

Enquiry Date: **23/12/2016**

Closing Date: **09/01/2017**

Formal quotations are invited for an independent **GPU enabled server node**. Sealed quotations have to reach in the following address before the closing date:

Manoj Sharma
 Department of Mechanical Engineering
 Indian Institute of Technology Kanpur
 Kanpur, 208016, India

Technical Specifications:

1.GPU enabled node	Qty: 1
Processor(s)	2 x Intel® Xeon® E5-2640V4 processors (10-Core, 2.4 GHz, 25M Cache)
GPU(s)	1 x Nvidia Tesla K80 GPU Compute board
	Support for populating 3 more GPGPU cards in present configuration
Chipset	Intel® C612 chipset or better
RAM	128GB using 32 GB RDIMMs DDR4-2400 ECC (Max. 1TB, 16 DIMM)
RAID	SATA controller on-board, supports RAID 0, 1 & 10
SSD/HDD(s)	1 x 400GB NVMe Enterprise Data Centre Grade SSD (mention model)
SSD/HDD(s)	2 x 1000GB, 7200 RPM, Enterprise SATA, hot-pluggable HDD
Bays	At least 4 HDD/SSD bays in total
NIC	2 x Gigabit Ethernet (1000BaseT) on-board
InfiniBand	Provision to populate Infiniband or Intel OPA HCA
Graphics	On-board graphics using Server grade graphics controller
Management	On-board IPMI 2.0 with dedicated LAN, supports KVM over LAN
Exp. Slot(s)	3x PCI-Express x16 slots free for adding 3 more Tesla Cards in future
	and additional 2 or more PCI-E 3.0 slots for add on card population
Ports	1 Serial, 2 USB, 2 Network,1 Management ,1 VGA ports
P. Supply	2 x 1850 or more , 1+1 redundant, hot-plug power supplies (80PLUS)
OEM MAF	Tender Specific OEM MAF to be shared by the bidder
Compliance	OEM must be ISO 9001, ISO 14001 certified
OS	Compatible with RHEL/CentOS 7.x

Terms and conditions:

- We have **standard 42U server rack of dimension 2006 mm × 598 mm × 1125 mm (H×W×D)** with PDU in our Data Center. The GPU enabled server node should be installed in this rack **only**.
- Warranty period (**minimum 3 years' comprehensive on-site warranty** on complete GPU enabled node) should be mentioned.

- The vendor is also required to maintain integration of licensed software (if any) with the GPU server throughout the warranty period.
- Terms and Conditions, and deviations should be clearly stated with the signature of the responsible person.
- 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. The prices should be quoted separately for each item.
- 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 super scribed with Inquiry number and whether it is a technical or financial bid. Any technical bid wherein only the above specified points are copied and no details about the suppliers own system are given will be summarily rejected. The supplier should necessarily give all the specifications of their own system with pictures and technical literature about their system. If the product is proprietary, a proper certification from the recognized authorization to that effect must be made. Authorization certificate from the Principal manufacturer should accompany the technical bid.
- Validity of quotations should be minimum 60 days.
- Product price, installation and maintenance charges should be mentioned SEPARATELY.
- The Unit Prices should be quoted for every component and the prices should be in INR only.
- IIT Kanpur is exempted from excise duty, hence excise duty cannot be included for the imported items, if any.
- IIT Kanpur is exempted for partial custom duty (CD applicable to IIT Kanpur is 5.15%)
- Delivery period will be 4-6 weeks.

Indenter:

Dr. Jishnu Bhattacharya
 Department of Mechanical Engineering, IIT Kanpur