



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
 नंगल रोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001
 Ph. 01881-242193, e-mail: purchase@iitrpr.ac.in

No. 1039-17/CSE-10061/HOD/Instt/PS/

13.04.2018

CORRIGENDUM

(Tender Notice No. 1039-17/CSE-10061/HOD/Instt/PS/ dated 05.03.2018)

Reference Tender Notice No. 112/2018 for "Server & Storage". The Annexure "A" i.e. Technical Specifications has been revised as follows:

ANNEXURE-A		
Technical Specifications		
GPU Server Specs	QTY	Detailed description
4U rack mounted GPU Server	1	Offered server should not be thicker than 4U, rack mounted Server
Intel Xeon Processor E5-2609 V4 1.7Ghz (Broadwell) or better	2	Offered server should be with Intel Xeon Silver 4110 Processor (11M Cache, 2.10 GHz) or better
32GB DDR4-2400 2Rx4 LP ECC REG RoHS or better	4	32GB DDR4-2400 2Rx4 LP ECC REG or better
Lite-On 5.25" Half Height 24 X DVD-RW SATA Drive or better	1	Server should be with DVD RW Optical Drive
Dual Port 10Gbps network card (optical fiber port)	1	Dual Port 10Gbps network card (optical fiber port) with 2 x 10GbE SFP+ Transceiver
Rail Set + handles for 4U	1	Sliding Rail should be included
1TB SATA having at least 6Gbps I/O or better	2	1TB SATA/NLSAS HDD or better
NVIDIA GeForce GTX 1080TI 11GB GDDR5 PCIe 3.0 or better	4	Server should have at least 4 x Tesla P100 - 12 GB or better Graphic Card
Intel S3520 480GB, SATA 6Gbps, 3D MLC 2.5" 7.0 mm, up to 1DWP or better	1	Server Should have 1 x 480GB MLC SSD Drive
3 Years onsite warranty/ repair	1	Offered Server should be with 3Yrs Hardware Warranty .
		Offered Server should be with 2GB NV Cache based Hardware RAID controller .
		Server should be offered with 1 x Dual ported 16Gbps FC HBA
		Server should be offered with Dual power supply
Servers Specs	QTY	
Rack mountable chassis with up to 8 Hard Drives and Software RAID	1	Rack mountable chassis with up to 8 Hard Drives. Sliding Rail should be included
Intel Xeon Gold 5120 2.2G, 14C/28T, 10.4GT/s 2UPI, 19M Cache, Turbo, HT(105W) DDR4-2400	2	Intel Xeon Gold 5120 2.2G, 14C/28T, 10.4GT/s 2UPI, 19M Cache, Turbo, HT(105W) DDR4-2400
16GB RDIMM, 2666MT/s, Dual Rank	4	16GB RDIMM, 2666MT/s, Dual Rank
Enterprises- Class 2TB SSD SATA Mix Use 6Gbps 512e Hot-plug Drive	1	2TB or higher capacity SSD



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Enterprises- Class 12Gb/s SATA/SAS 10k rpm Hard Drives 8TB 512e Hot-plug	1	8TB or higher SATA/NLSAS Drives
Dual Port 10Gbps network card (optical fiber port)	1	Dual Port 10Gbps network card (optical fiber port) with 2 x 10GbE SFP+ Transceiver
SD card reader module	1	not Required
Minimum 3 years onsite Hardware Warranty/ Repair	1	Offered Server should be with 3Yrs Hardware Warranty .
Nvidia Tesla P4 GPU Computing Accelerator-8GB GDDR5	1	Nvidia Tesla P4 GPU Computing Accelerator-8GB GDDR5
		Offered Server should be with 2GB NV Cache based Hardware RAID controller .
		Server should be offered with 1 x Dual ported 16Gbps FC HBA
		Server should be offered with Dual power supply
Note:- Both type of servers are going to be rack mounted. The above specs are the minimum and a supplier may quote better configuration		
Storage	Spec. /QTY	
		Storage system should be offered with Dual Controller with min 8GB Cache per controller
Minimum RAID level	5	Storage system should support Raid levels - 5,6,1,0,10
Minimum aggregate storage capacity visible to user/ application	30TB	Storage should be offered with SSD to achieve 30TB Usable capacity achieved using multiple SSDs with 1 Hot spare drive.
Network / server connectivity		Storage should be offered min with 4 x 16Gbps FC host ports per controller.
Minimum IOPS for random IO (read/ write) operations for SSD	5,00,000	Storage System should deliver atleast 50k IOPS at 70% read/30% write operations
		Storage system should be offered with 6 x LC-LC connecting Cables (5 Mtr)
		Offered Storage System should be with 3Yrs Hardware Warranty .

Bidders are requested to submit their bids as per revised Technical Specifications. The last date of receipt and opening of Bids for “Server & Storage” is hereby extended upto 26.04.2018. Those who have already sent/submitted their bids can revise the same clearly indicating "Revised Bid for Server & Storage" on sealed cover.

Timings and all other details and terms & conditions remain the same.

Registrar



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