	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY **MATERIALS MANAGEMENT DIVISION** **Powai, Mumbai - 400076**

Date: - 23.02.2026

Corrigendum – II

Rfx No: 6100002693 **PR No: 1000052078**

Item Description : GPU Server

Sr.No.	Online RFx Clause	Previous Clause	Changed Clause
1	Bid Submission End Date/Date & Time of Submission (Online RFx Clause)	23.02.2026 at 13:00	05.03.2026 at 13:00
2	Bid Opening Date & Time (Online RFx Clause)	23.02.2026 at 16:00	05.03.2026 at 16:00

Sr. No.	Item Description	Previous Clause	Changed Clause
1	Processor	Two processors per system with each socket having the following: Processor has to be at least **PCIe gen 4.0 compliant**. Processor Physical Cores should be minimum 64 with 128 Threads with minimum 250MB Cache At least **2.0 GHz** base frequency per core	Two processors per system with each socket having the following: Processor has to be at least **PCIe gen 5.0 compliant**. Processor Physical Cores should be minimum 64 with 128 Threads with minimum 250MB Cache

		TDP per socket must be within **300 W.**	At least **2.45 GHz** base frequency per core TDP per socket must be within **360 W**.
2.	Memory	16 Memory DIMM Slots Supporting DDR4 Server Memory Total minimum **1024GB** ECC Registered DDR5 memory with system running frequency of 4800 MHz Every memory channel from the processor(s) should be populated in a balanced configuration.	16 Memory DIMM Slots Supporting DDR5 Server Memory Total minimum **768GB** ECC Registered DDR5 memory with system running frequency of 4800Mhz Every memory channel from the processor(s) should be populated in a balanced configuration.
3	Storage	Each server should have 8 Hot-swap 3.5"/2.5" SAS/SATA drive bays. The Server should be populated with Hotpluggable 1No. of 1.92TB SATA SSD and 3Nos. of 2TB Enterprise SATA HDD Integrated Two Nos. of M.2 NVMe slots should be available for Future Expansion of internal storage	Each server should have 8 Hot-swap 3.5"/2.5" SAS/SATA drive bays. The Server should be populated with Hotpluggable 1No. of 1.92TB SATA SSD and 3Nos. of 2TB Enterprise SATA HDD + **Hardware Raid Controller with 1GB cache and support for raid levels 0,1,5,10, 50,60** Integrated Two Nos. of M.2 NVMe slots should be available for Future Expansion of internal storage
4	Network	Dual 10G RJ45 Ports should be available for future expansion	**Dual-port NVIDIA ConnectX-7 400Gb/s InfiniBand or 400GbE Ethernet (essential for multi-node scaling)** Dual 10G RJ45 Ports should be available for future expansion
5	PCI expansion Slots	3 Nos. Pcie Gen4 X16 Slots and 1No. Pcie Gen **x8 Slots**	3 Nos. Pcie Gen5 X16 Slots and 3Nos. Pcie Gen4 **x16 Slots**
6	External Ports	Following minimum number of external ports should be available in the system 1 x VGA ports	Following minimum number of external ports should be available in the system 1 x VGA ports 2 x USB **3.2 ports (Type A)** 1 x dedicated 1GbE RJ45 port

		2 x USB **3.0 ports** 1 x dedicated 1 GbE RJ45 port for IPMI	for IPMI/ **Power status LED**
7	Co-Processor/ Accelerator	Each server has to be populated with 1 number of accelerators with a provision to install one more in future. Each accelerator should have: 1. 141GB or more GDDR6 with ECC 2. 4.8TB/second or higher memory bandwidth 3. 16xPCIe Gen5 interface interconnect each capable of 128GB/s or higher bidirectional throughput 4. 16896 accelerator cores or more 5. 60 TFLOPS FP32 (peak) performance 7. Max power consumption of 700 W 8. Passive cooling support 9. Virtual accelerator support	Each Server has to be populated with 1 number of accelerator with provision to add one more in future. Each accelerator should have: 1. 141GB or more GDDR6 with ECC 2. 4.8TB/second or higher memory bandwidth 3. 16xPCIe Gen5 interface interconnect each capable of 128GB/s or higher bidirectional throughput 4. 16896 accelerator cores or more 5. 60 TFLOPS FP32 (peak) performance 7. Max power consumption of 700 W 8. Passive cooling support 9. Virtual accelerator support **10. Should support 900GB/s additional Communication Link other than PCIe Gen5: 128GB/s between all accelerators.**
8	Chassis	Appropriate Chassis (Maximum 4U) with rail-kit. Supplied chassis has to be approved by the system board OEM. Chassis should be populated with a maximum number of redundant cooling fans that can be accommodated in the chassis and the cumulative air flow should be sufficient to take away the heat generated at peak load with fully populated hardware.	Appropriate Chassis (Maximum 4U) with rail-kit. Supplied chassis has to be approved by the system board OEM. Chassis should be populated with a maximum number of redundant cooling fans that can be accommodated in the chassis and the cumulative air flow should be sufficient to take away the heat generated at peak load with fully populated hardware.
9	Server Management	Dedicated IPMI 2.0 compliant management 1 Gbps ethernet port having support for 1. System health monitoring 2. PMBus and SMBus monitoring	Dedicated IPMI 2.0 compliant management 1 Gbps ethernet port having support for 1. System health monitoring 2. PMBus and SMBus

		for redundant power supply and storage backplane 3. Event log accounting and monitoring changes in the server hardware and system configuration 4. Virtual media over network and Virtual KVM (KVM over IP). 5. Agentless management using the out - of - band remote management port 6. At least 128 bit SSL encryption and secure shell Version 2 support. 7. Should provide support for AES and 3DES on browsers. 8. Should provide remote firmware update functionality. 9. Should provide support for Java free graphical remote console. 10. IPMI must have graphical interfaces accessible to qualified users only and through browsers and give access to all of the above. 11. All required licenses (if any) to use IPMI features	monitoring for redundant power supply and storage backplane 3. Event log accounting and monitoring changes in the server hardware and system configuration 4. Virtual media over network and Virtual KVM (KVM over IP). 5. Agentless management using the out - of - band remote management port 6. At least 128 bit SSL encryption and secure shell Version 2 support. 7. Should provide support for AES and 3DES on browsers. 8. Should provide remote firmware update functionality. 9. Should provide support for Java free graphical remote console. 10. IPMI must have graphical interfaces accessible to qualified users only and through browsers and give access to all of the above. 11. All required licenses (if any) to use IPMI features
10	Power Supplies	Minimum 80+ 2700W Platinum Certified Redundant Power Supply. Power supplies should be only of the make/model approved for the motherboard. Power supply has to be configured in N+1 redundancy The system should sustain in the occasion of failure of one power supply. Power Management Bus (PMBus) support should be provided and status information must be available via IPMI	Minimum 80+ 2700W Platinum Certified Redundant Power Supply. Power supplies should be only of the make/model approved for the motherboard. Power supply has to be configured in N+1 redundancy The system should sustain in the occasion of failure of one power supply. Power Management Bus (PMBus) support should be provided and status information must be available via IPMI

11	Certification	The server and all its components should be verified and recommended by the system board manufacturer by means of compatibility list. The specifications of critical components such as CPU, accelerator, memory and disks should be verifiable from the websites of respective manufacturers.	The server and all its components should be verified and recommended by the system board manufacturer by means of compatibility list. The specifications of critical components such as CPU, accelerator, memory and disks should be verifiable from the websites of respective manufacturers.
12	Power Cord and other cables	Power cable should have IEC 320 (male-female) connectors mathing the peak-load rating of the power supplies. All the network cables required are to be supplied in appropriate numbers and of appropriate specification.	Power cable should have IEC 320 (male-female) connectors mathing the peak-load rating of the power supplies. All the network cables required are to be supplied in appropriate numbers and of appropriate specification.
13	OS Support	The system should support the following minimum operating systems without any deviations: Windows Server 2019 Windows Server 2022 Red Hat Enterprise Linux server 8.6, 8.7, 8.8, 9.0, 9.1 & 9.2 x64 SUSE Linux Enterprise server 15 SP4 & 15 SP5 Ubuntu 20.04.5 LTS x64, 20.04.6 LTS x64, 22.04 LTS x64, 22.04.1 LTS x64, 22.04.2 LTS x64 & 22.04.3 LTS x64 VMware ESXi 7.0 Update 3i, ESXi 8.0, ESXi 8.0 Update 1, Citrix Hypervisor 8.2 LTSR CU1	The system should support the following minimum operating systems without any deviations: Windows Server 2019 Windows Server 2022 Red Hat Enterprise Linux server 8.6, 8.7, 8.8, 9.0, 9.1 & 9.2 x64 SUSE Linux Enterprise server 15 SP4 & 15 SP5 Ubuntu 20.04.5 LTS x64, 20.04.6 LTS x64, 22.04 LTS x64, 22.04.1 LTS x64, 22.04.2 LTS x64 & 22.04.3 LTS x64 VMware ESXi 7.0 Update 3i, ESXi 8.0, ESXi 8.0 Update 1, Citrix Hypervisor 8.2 LTSR CU1 **Windows Server 2022 Datacenter/Standard** **Windows Server 2025 Standard** **RedHat Enterprise Linux Server 9.3+ x64** **Ubuntu 22.04.3 LTS x64, 22.04.5 LTS x64, 24.04.3 LTS (kernel 6.8+)** **VMware vSphere 8** **XenServer 8.4**
14	Additional Requirment	The main-board of the system should be from the same brand of the suppplied entire system. The	The main-board of the system should be from the same brand of the suppplied entire system.

		main-board PCB should be " permanently printed" with the system brand markings but not through pasted stickers or removable markings. Evidence towards the same needs to be sumitted along with the bid.	The main-board PCB should be " permanently printed" with the system brand markings but not through pasted stickers or removable markings. Evidence towards the same needs to be sumitted along with the bid.
15	Warranty of the system	3 years comprehensive on-site advance replacement warranty. The warranty should be trackable online on the OEM website through system serial number providing detailed system hardware configuration report.	3 years comprehensive on-site advance replacement warranty. The warranty should be trackable online on the OEM website through system serial number providing detailed system hardware configuration report.
16	Environment compliance		RoHS compliance or it equivalent
17	Data-Sheet		It is mandatory to submit the technical data-sheet of the offered system along with the bid. The datasheet should match the technical compliance documents of bid, failing which the bid shall be disqualified without any query.
18	MAC Address		The MAC address OUI (Organizationally Unique Identifier) of the servers, and any other hardware required to make the system complete must be registered in the name of quoted OEM of the product. Self-declaration by OEM on their letter head signed by the authorized signatory. The same will be checked on: https://regauth.standards.ieee.org /standards-raweb/pub/view.html#registries

19	System Utility with AI Frameworks Pre-Loaded		System should be preloaded with Precompiled frameworks (CPU & GPU optimized MxNet, CuDDN, Caffe and Pytorch, MLflow for experiment tracking, Weights & Biases or TensorBoard for visualization) to be supplied with the system, license must be in the name of customer organization visualization) to be supplied with the system, license must be in the name of customer organization
20	Job Scheduler		Datasheet of the Job Scheduler is compulsory to submit along with the bid
21	MAF & BOM		The Vendor must provide Manufacturer Authorization Form (MAF) & technical Bill Of Material (BOM) with the quote

Malwankar

Assistant Registrar

Materials Management Division

23/02/26

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