कद्राय क्रय इकाइ
Central Purchase Unit
राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR
(An autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)
हजरतबल, श्रीनगर,जम्मू-कश्मीर, 190006, भारत
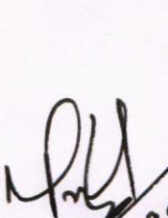Hazratbal, Srinagar, Jammu and Kashmir, 190006, INDIA

No. NITS/CPU/24/437
Dated: 02.09.2024

Corrigendum

With reference to the GeM/2024/B/5206985, Dated: 26.07.2024, which pertains to the procurement of High-Performance Computing (HPC), it is to inform all concerned that the technical specifications and commercial terms have been revised, in view of the clarifications/representations received by our office during Pre- bid meeting, to enhance clarity and meet the requirements effectively.

The revised technical specifications are attached at Annexed at A.

All other terms and conditions mentioned in the bid document will remain the same and continue to be applicable.

प्रभारी अधिकारी
Officer Incharge
केंद्रीय क्रय इकाई
Central Purchase Unit

National Institute of Technology Srinagar

Specifications for HPC solution at NIT Srinagar

	Description of the item	Specifications (Detailed)	Qty
1	Master/IO Node	Generation 4 or higher Intel Xeon or AMD Equivalent 2 x 16 cores processor or better with minimum 2.2GhZ frequency, 128 GB DDR4 memory, Minimum, 1 TB usable SSD with RAID configuration, At Least 2 x 1G Ethernet ports, 1 100G port, and 4 PCIe slots, Certification for SPEC benchmark score	02
2	Compute node GPU based	Generation 4 or higher Intel Xeon or AMD equivalent minimum 64 cores single processor or 2 processors with 32 cores each or better, Minimum 512GB memory upgradable to 2TB, 2 TB Usable RAID 5 or higher storage hot swappable, 2 x 1G ethernet, 100G port, 2 H100 Nvidia GPUs or better, minimum 2U rackmount with rackmount accessories, minimum 4 PCIe slots, Certification for SPEC benchmark score	02
3	Shared Storage	100TB NLSAS/SAS disk based Storage with bidder supported PFS software offering 1GBps throughput. Should support RAID 5 or higher, Solution should be designed with No Single point of failure, in terms of controllers/nodes, power supplies, disks etc, rack mountable with redundant and hot swap power supply	01
4	Ethernet Switch	24 port 1Gig unmanaged switch with cables	01
5	IB Switch	Minimum 200G with minimum 24 port switch with cables	01
6	Software's Stack	Opensource Rocky Linux, opensource Compilers, GUI based Cluster Manager and Jobscheduler licensed offering (Perpetual and AMC for 5 years)	01
7	Solution one time Implementation charges	Installation and training 02 resources to implement/manage the HPC cluster and a High definition screen of minimum 32 inch size, LED-backlit LCD monitor, IPS screen with USB connection,	01
8	Extra Conditions	– Max. 2U rack mounted with sliding rails for both master and compute node – The switch should be configured with redundant power supplies and fans. – Bidder/OEM should have experience in the field of deployment and maintaining HPC clusters – OEM authorization letter must be submitted – The offered system model should be Certified for Windows, and RHEL. Certificate copy should be submitted with bid. – Bidding should be done for the complete working system and not individual parts – All equipment/components should carry an onsite advance part replacement warranty and support of three years. – OEM brand should have minimum 10 entries in the latest list Worldwide Top 500 Supercomputers – OEM brand must have an entry in the latest list of India Top supercomputer – Extended onsite advance part replacement warranty and support of further three years.	