



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

Ref. PR No. 1000057058

Rfx. No. 6100003101

Item Description: High Performance Computing System

A. Hardware Specification

Sr. No	Item Description	Detailed Technical Specification	QTY	Technical Compliance (Yes / No)	Additional Information (if any)
1.	Processor	AMD EPYC 9754 Processor, 128 Cores / 256 Threads, 2.25 GHz Base Clock, 256 MB Cache, 360 W TDP or its subsequent equivalent	2		
2.	CPU Cooling	Compatible high-performance air-cooling solution suitable for the specified processor (minimum equivalent to Server-grade Air Cooler 7500 or OEM-certified equivalent)	2		
3.	Motherboard	ASRock Rack TURIN2D16-2T or OEM-certified equivalent supporting the quoted processor and configuration	1		
4.	Memory	Minimum 64 GB DDR5 ECC Registered DIMM (RDIMM), 4800 MHz or higher, expandable as per motherboard specifications	4		
5.	Storage	Minimum 500 GB M.2 NVMe PCIe Gen4 SSD	1		
6.	GPU	NVIDIA RTX Pro 6000 Blackwell Max-Q Edition with 96 GB GDDR memory or its subsequent equivalent	1		
7.	Warranty	Minimum 3 Years Comprehensive On-site OEM Warranty	-		

B. General Requirement

Sr. No	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	All components supplied shall be brand new, unused, genuine, and sourced through the respective OEM or their authorized distribution channel.		
2.	The quoted configuration shall be fully compatible and assembled as an integrated system without any hardware or firmware incompatibility.		
3.	The vendor shall provide all accessories, connectors, mounting hardware, power cables, interconnect cables, and other items required for complete installation and commissioning.		
4.	The quoted system shall be compatible with the existing server rack: 1. Rack Make: NETRACK 2. Part Number: NRS-42-RF-8001200		
5.	The vendor shall be responsible for installation, integration, testing, and successful commissioning of the complete system at the purchaser's site.		
6.	The bidder shall provide individual pricing for each hardware component in addition to the total system price. The purchaser reserves the right to procure components separately if required.		
7.	OEM brochures, technical datasheets, or official product documentation shall be submitted to establish compliance with the technical specifications.		
8.	The bidder shall certify that the quoted hardware is currently supported by the OEM and is not End-of-Life (EOL) or End-of-Support (EOS) as of the bid submission date.		

C. Warranty and Support

Sr. No	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	The complete system shall be covered under a comprehensive on-site warranty for a minimum period of three (3) years from the date of successful installation and acceptance.		
2.	The warranty shall include all hardware components, replacement parts, labour, firmware updates, and technical support without any additional cost to the purchaser.		
3.	During the warranty period, the vendor shall respond to any reported hardware failure within one (1) working day.		
4.	The vendor shall diagnose and resolve reported hardware issues within seven (7) calendar days from the date of complaint. If repair is not feasible within this period, the faulty component shall be replaced with an equivalent or higher specification component at no additional cost.		
5.	The vendor shall provide on-site support by qualified technical personnel throughout the warranty period		
6.	The bidder shall provide contact details of the service centre, escalation matrix, and support personnel for warranty services.		

D. Compliance

Sr. No	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	The bidder shall provide a compliance statement against every specification mentioned in this tender, indicating "Complied" or "Not Complied" along with documentary evidence.		
2.	Any deviation from the specified configuration shall be clearly indicated.		
3.	The purchaser reserves the right to verify the authenticity of all quoted components from the respective OEMs.		
4.	The supplied equipment shall comply with applicable international quality and safety standards.		
5.	The successful bidder shall ensure that all firmware, BIOS, and device drivers are updated to the latest stable OEM-supported versions at the time of installation.		