



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

Ref. PR No. 1000053407

Rfx. No. 6100002733

Item Description – GPU Servers (Qty: 15 Nos)

Sr. No	Item Description	Detailed Technical Specification*	Technical Compliance (Yes / No)	Additional Information (if any)
1	Processor	Intel Core i9-14900K (Minimum with 16 cores / 32 threads)		
	Chipset	Intel Z790		
	GPU	NVIDIA GeForce RTX 5070 12GB		
	RAM	64 GB DDR5 with a speed of \geq 5200 MHz; Expandable upto 128 GB		
	Storage	Primary Storage of 1TB NVMe Gen4 SSD and Secondary Storage of 2TB NVMe Gen4 SSD with an optional expansion of sata SSD/HDD		
	Motherboard & Expansion	PCIe: PCIe 5.0 x16 slot for GPU M.2 Slots: Minimum 3 x NVMe slots Network: 2.5 gbps ethernet USB: USB-C + minimum 6 USB-A ports		
	Power Supply	1000W, 80+ Gold or Platinum certified		
	Cooling	360 mm AIO liquid cooler		
	Cabinet	Full-tower with high airflow and dust filters		
	Display and Peripheral	27 inch monitor with 2560X1440 resolution. Dell Wire Keyboard and mouse		
	OS	Supplier will be required to install windows or Ubuntu OS along with software stacks required for AI/ML work.		

	Security & Reliability	TPM 2.0 support BIOS-level security 3-Year Onsite Warranty		
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***Note: The brand names mentioned in the specifications are indicative only. Bidders may quote equivalent, superior, or latest-generation hardware that meets or exceeds the prescribed technical specifications**