



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

PR No.1000042601

Rfx No.6100001941

Technical Specifications for Compute Node (Add on of existing HPC Cluster) (Qty: 1 No.)

Sr.No.	Technical Specifications	Compliance (Yes/No)	Additional Information if any
1	Server: Compute Node SR665 - HPC&AI		
2	2U 2.5" Chassis with 8, 16 or 24 Bays		
3	Operating mode selection for: "Maximum Efficiency Mode"		
4	AMD EPYC 7763 64C 280W 2.45GHz Processor		
5	SR665 Perf HS		
6	Platform Secure Boot Enable		
7	16GB TruDDR4 3200MHz (2Rx8 1.2V) RDIMM-A		
8	Select Storage devices - no configured RAID required		
9	RAID 530-8i PCIe 12Gb Adapter		
10	2.5" Multi-Vendor 960GB Entry SATA 6Gb Hot Swap SSD		
11	2U 8x2.5" SAS/SATA Backplane		

12	Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter		
13	Mellanox ConnectX-6 HDR100/100GbE QSFP56 1-port PCIe VPI Adapter		
14	2U PCIe Gen4 x16/x8/x8 Riser 1 or 2		
15	2U x16/x16 PCIe Riser3 Kit v2		
16	1800W 230V Platinum Hot-Swap Gen2 Power Supply		
17	2.8m, 13A/100-250V, C13 to C14 Jumper Cord		
18	XClarity Controller Standard to Enterprise Upgrade		
19	SR665 Performance Fan Option Kit		
20	Toolless Slide Rail Kit v2		
21	2U EIA Latch Standard (Left)		
22	2m Mellanox HDR IB to 2x HDR100 Splitter Passive Copper QSFP56 Cable		
23	Enable TPM 2.0		
24	Enable IPMI-over-LAN		
25	XClarity Pro, Per Endpoint w/3 Yr SW S&S		
26	Lenovo XClarity Pro, Per Managed Endpoint w/3 Yr. SW S&S		
27	Warranty- 3yr		