

S/N	Components	Minimum Specification	Compliance	Remarks
1	OS certification	Certified for latest version of Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Microsoft Windows Server, Ubuntu & VMWare. Publicly available weblink to be provided.		
2	EAL certification	System's integrated management hardware & tool should be minimum Evaluation Assurance Level (EAL) EAL2+ certified (evidence from certifying agency to be submitted)		
3	RPS	Platinum certified redundant power supplies (evidence from certifying agency to be submitted)		
4	Fans	Fully populated redundant hot-swap system fans		
5	System Health	Monitoring impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD		
6	BIOS	System should boot with & run BIOS of the OEM (manufacturer) that is quoted & will be evaluated for intellectual property & security. All updates should happen only using quoted OEM's access controller & management software to enforce security. This is mandatory for acceptance.		
7	Security	Publicly available links, verifiable evidence must be submitted against each of the feature below		
		Silicon-based Hardware Root of Trust		
		Cryptographically signed firmware updates		
		Cryptographically verified trusted booting standards meeting NIST SP 800-147B, NIST SP 800-155, protection standards meeting NIST SP 800-193 standards & secure media sanitization standards meeting NIST SP 800-88 or all relevant NIST standards.		
		Protection against compromised firmware execution		
		UEFI secure boot with custom certificates		
8	System Management	Manufacturer's system management software supporting virtual media, virtual folders, remote file share & virtual console		
9	Access & management	Integrated remote access controller & software should support advanced agent-free local and remote server administration & support for features like configuration, firmware updates, OS deployment, health monitoring & diagnostics, automation of routine management activities with perpetual license		
10	Certifications & benchmarks	Product datasheets, certification, benchmark or reference documents verifiable from publicly available data sources and bill of material must be submitted along with web links wherever applicable .		
11	Authorization	"Manufacturer Authorization Letter" specific to the tender, signed digitally or by OEM's Board authorized signatory has to be submitted.		
12	OEM presence & support	The bidder should submit GST registration as proof of spare inventory warehouse in Odisha. OEM declaration confirming OEM's onsite L2, L3 support for the quoted systems to be submitted.		
13	Warranty	5 years comprehensive warranty with next business day on-site support by OEM. Warranty listing in OEM support site.		

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14	Implementation and Scope of Work for Bidder	Migration of existing 1 number of vmWare ESXi 7.0.3 Host Server in vCenter to new Server along with 5 Numbers of Virtual Machines and Virtual Network under bidder's scope. Required tools/utilities to be in the scope of supplier.		
15	Payment Terms	100% payment after supply, installation, commissioning and testing.		
16	Performance Bank Guaranty	Vendor to submit Performance Bank Guaranty amounting to 5% of order value for the warranty period i.e. 5 years.		
17	Processor	2 X Intel Xeon Gold 6430 2.1G, 32C/64T, 16GT/s, 60M Cache or Higher		
18	Memory	Minimum 512 GB (16 X 32 GB) 32GB RDIMM, 4800MT/s		
19	Hard Disk Drive	Minimum 5 X 3.84TB SSD SATA Read Intensive 6Gbps		
20	Storage controller	Minimum 12Gbps PCIe controller, 8GB non-volatile cache supporting RAID 1, 5, 6, 10		
21	Network Port	Minimum 2 x 10/25 Gbps Ethernet adapter with 10 Gbps transceiver and 4 x 1 Gbps copper port.		
22	Fibre Channel Port	1 x Dual Port 32 Gbps Fibre Channel ports		
23	Form Factor	Maximum 1U rack mount server with front locking bezel, sliding rails & accessories		
24	I/O Slots	Minimum 3 x PCIe 4.0		
25	Other Interfaces	1 x 1Gbps system management port (RJ-45), 1 x video port, 3 x USB ports		