Corrigendum

Technical Specifications:
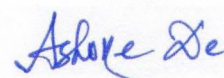
Sr. No.	Component	Description
		Technical Specifications
		Rack Server - (Qty 01)
1	Form Factor	Max. 2U rack mounted with sliding rails
2	Total CPU Socket	Two
3	CPU Populated	Two
4	CPU: Core, Frequency	Dual Intel Xeon Gold 6442Y or Dual Intel Xeon Gold 6542Y, 24C/48T, 60M Cache, Turbo, HT (250W/225W) or equivalent / better (48 Cores equivalent)
5	Memory	512 GB (8 * 64 GB) RDIMM, DDR5 minimum 4800MT/s or equivalent / better, Dual Rank Memory
6	Internal Storage	Server should have minimum 8 SFF HDD slots. 4 * 7.68 TB SAS/NVMe SSD Read Intensive 2.5in Hot-Plug Drive & Drive & 2 * 600GB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in Hot-Plug
7	RAID Controller	Internal hardware RAID controller with 8 GB battery backed cache and should support RAID config 0,1,10,5,6,50,60.
8	Ethernet Ports	Network Adapters: 2x 10/25G Adapter with 10G SFP+ optics, 4x1G BaseT Adapter
9	Management port	1 x dedicated 1 GIG base-T management port with required enterprise / advanced license. License should be perpetual and from same server OEM.
10	I/O Slots & Ports	Minimum eight PCIe slots, should have minimum 2 PCIe x16 slot Minimum three USB ports (2 .0 / 3.0) Minimum one VGA port or more VGA ports
11	Power Supply	Two redundant and hot-swapable Platinum category AC power supply.
12	Cooling FANs	Hotswapable & minimum N+1 redundant FANs
13	Management Integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software.
14	LCD Bazel	LCD bezel or security bezel kit with locking function.
15	Power & Temperature	Power history graphs, Dynamic Power Capping & Temperature Monitoring
16	Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD (Major components)
17	Intrusion alert	Intrusion alert in case chassis cover being opened.

18	Configuration & Management	• Real-time out-of-band hardware performance monitoring & alerting. • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, monitoring of Network cards & system health • Out-of-band hardware & firmware inventory. • BMC Support (Baseboard Management Controller) • Automated hardware configuration and Operating System deployment to multiple servers. • Zero-touch repository manager and self-updating firmware system. • Virtual IO management / stateless computing. • Support for Redfish API for simple and secure management of scalable platform hardware.
19	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins.
20	Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks.
		Should protect against firmware which executes before the OS boots.
		- Silicon-based Hardware Root of Trust - Data at Rest Encryption (SEDs with local or external key mgmt) - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Secured Component Verification (Hardware integrity check) - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - Secure Boot - Secure erase
		Configuration upgrades should be only with cryptographically signed firmware and software from the OEM
		Dynamic USB port enablement for all the USB Ports provided in the server without need to reboot the server
		Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware.
21	Warranty	5 years On-site comprehensive warranty with 24x7x365 remote hardware support. warranty should reflect in the support web site of the OEM.

22	OS	Compatible with Debian LINUX or other LINUX Installation & Support Virtualization.
23	Regulatory Certificate	ISO 20001, BIS, CE & ROHS Certification
24	Additional Terms & Condition	The firm must Enclose the detailed specification of the offered item & attached the required document along with the technical bid. Otherwise the firm offer may be rejected. OEM or the OEM authorized dealers shall submit the OEM authorization certificate document for bid specific product, else bidder submitted offer will stand rejected.
25	OEM Authorization	OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in Kanpur. The certificate to this effect should be submitted.
26	Data Sheet	The product data-sheet should be available on Public Domain for offered product verification.
27	Implementation of VM Solution	Setting up the Hypervisor in the Host Machine Create the storage pool and networking port Create a test VM

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(* T&C *"Bidders must participate with updated technical specifications."*)