



دیسریج پر حقو جھو، سہولتو اترتو تاجر سرج اترتو سرتو سرتو
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-02 دتو سرتو سرتو

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-03 دتو سرتو سرتو

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-04 دتو سرتو سرتو

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-05 دتو سرتو سرتو

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<u>Server x 2</u>	
Brand	Proposed Server product vender should be listed in the Gartner's magic quadrant (leaders' section) in the relevant technology field.
Form Factor	2U Rack Mount
Processor	Dual Intel Xeon Gold 5215
RAM	128GB RDIMM, 2666MT/s,
RAID Controller	Dedicated RAID Controller with 2GB Cache
SSD	2 x 480GB SSD 2.5" Hot-Plug
SD Cards	Dual 16GB SD Cards (for VMware Installation)
Network	Dual Port 10/25GbE SFP28
HBA 16G FC SAN	2 x Single Port 16Gbps FC PCI-E Card
Remote Management	Remote Management with Virtual Console and Virtual USB
Warranty	Minimum 3 years Parts / 3 Years' Service
<u>SAN</u>	
	Proposed Storage product vender should be listed in the Gartner's magic quadrant (leaders' section) in the relevant technology field.
System Cache	32 GB dual controllers
Supported Storage Protocols	Fiber Channel, FCoE, iSCSI, NFS, CIFS
Front-End Connectivity	4 x 8/16 Gbit/s Fiber Channel Ports per Controller
Back-End Connectivity	2 x SAS 12Gbps
Disk Types Support	SSD, SAS, and NL-SAS
Supported RAID Levels	0, 1, 5, 6, 10, and 50
Storage Requirement	10 x 2.4TB 10K SAS and 6 x 480GB SSD SAS 2.5"
Storage Expansion	Minimum 300 Drives
Data Protection Features	Sanap Shot,LUN Copy,Clone,Remote replication (Must Include License if Any)
Service Protection	intelligent QoS control
Storage Management and Other Features	multipathing,thin provisioning,SSD caching,storage tiering (Must Include License if Any)
Power Supply	Dual Redundant
Accessories	8 x FC 16G Tranceivers , 8 x FC Patch Code MM 5M
Warranty	Minimum 3 years Parts / 3 Years Service
<u>Network Switch 10G L3 Manageable x 2</u>	

Brand	Proposed Network Switch product vender should be listed in the Gartner's magic quadrant in the relevant technology field.
Form Factor	Rack Mount
Features	layer 2 and 3 switching and routing protocols with integrated IP services, quality of service, manageability and automation
Ports - Fixed or with Uplink Module	Minimum 24 x SFP+ 10G , and 2 x QSFP28 Ports
Power Supply	Dual redundant
Tranceiver 10G	5 x 10GbE, LR SFP+, long reach
Tranceiver 10G Base-T	5 x 10G Base-T
Breakout Cables	2 x QSFP+ to 4xSFP+, passive DAC
Warranty	Minimum 3 years Parts / 3 Years Service
<u>Virtualization Software x 1 License</u>	
VMware Essential Plus Kit (3 Host 6 Processors) with 3 Years Production Support	
<u>Installation and Setup</u>	
Installation and setup	Installation of Servers, SAN and Network Switch's
Virtualization Installation	setup of VMware Virtual Infrastructure including vCenter and all required Setting to Run Production Environment.
Installation Period	Maximum 10 Days After Delivery
<ul style="list-style-type: none"> . Vendors must be an authorized partner for the solution(s) they propose (Manufacture Authorization Letter Required) . Training for two IT staff . Configuration document and diagrams have to be given after completion . Cables and switches have to be labeled 	