

Техникийн тодорхойлолт

Нийлүүлэх бараа нь дор дурдсан техникийн тодорхойлолт, стандартад нийцсэн байна.

**Барааны нэр:** Цахим системүүдийн хэвийн үйл ажиллагааг хангах шаардлагатай сервер, компьютер тоног төхөөрөмж худалдан авах

№	<p align="center"><b>Захиалагчийн техникийн тодорхойлолт</b> (Тухайн барааны үзүүлэлт тус бүрийг дор жагсааж бичих ба хэрвээ чанарын баталгаат хугацаа шаардах бол бичнэ үү.)</p>	<p><b>Санал болгож буй техникийн тодорхойлолт</b> (захиалагчийн техникийн тодорхойлолтыг хуулахгүй байхыг анхаарна уу. Зөвхөн санал болгож буй барааны техникийн тодорхойлолтыг бичнэ үү.)</p>	<p><b>Тайлбар</b> (дээрх үзүүлэлтийг нотлох баримт бичиг болон танилцуулгыг хавсаргана)</p>														
1	<p>Сервер- 2 ширхэг Dell R760 дүйцэхүйц байх ба дараах үзүүлэлтийг хангасан байна. Тухайн барааг Монгол улсад борлуулах үйлдвэрлэгчийн зөвшөөрөл ирүүлэх</p> <table border="1" data-bbox="239 951 1268 1398"> <tr> <td>Trusted Platform Module 2.0 V3</td> <td align="center">1</td> </tr> <tr> <td>2.5" Chassis with 8 Universal Drive Slots (SAS/SATA/NVME), Front PERC 11, 2 CPU</td> <td align="center">1</td> </tr> <tr> <td>Intel Xeon Gold 6430 2.1G, 32C/64T, 16GT/s, 60M Cache, Turbo, HT (270W) DDR5-4400</td> <td align="center">2</td> </tr> <tr> <td>Heatsink for 2 CPU configuration (CPU greater than 165W)</td> <td align="center">1</td> </tr> <tr> <td>32GB RDIMM, 4800MT/s Dual Rank</td> <td align="center">16</td> </tr> <tr> <td>PERC H755 SAS Front</td> <td align="center">1</td> </tr> <tr> <td>Front PERC Mechanical Parts, rear load</td> <td align="center">1</td> </tr> </table>	Trusted Platform Module 2.0 V3	1	2.5" Chassis with 8 Universal Drive Slots (SAS/SATA/NVME), Front PERC 11, 2 CPU	1	Intel Xeon Gold 6430 2.1G, 32C/64T, 16GT/s, 60M Cache, Turbo, HT (270W) DDR5-4400	2	Heatsink for 2 CPU configuration (CPU greater than 165W)	1	32GB RDIMM, 4800MT/s Dual Rank	16	PERC H755 SAS Front	1	Front PERC Mechanical Parts, rear load	1		
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	800GB SSD SAS ISE, MU, up to 24Gbps 512e 2.5in Hot-Plug, AG Drive	2		
	High Performance Fan x6	1		
	Dual, Hot-Plug,Power Supply Redundant (1+1), 1400W, Mixed Mode	1		
	Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)	2		
	Riser Config 2, 2x8 FH Slots (Gen4), 4x8 FH Slots (Gen5), 2x16 LP Slots (Gen4)	1		
	Motherboard supports ALL CPUs (required for CPUs 250W and above)	1		
	Broadcom 57416 Dual Port 10GbE BASE-T Adapter, OCP NIC 3.0	1		
	Broadcom 5720 Dual Port 1GbE LOM	1		
	Dell Luggage Tag	1		
	PowerEdge 2U Standard Bezel	1		
	Assembly BOSS Blank	1		
	iDRAC9, Enterprise 16G	1		
	OpenManage Enterprise Advanced	1		
	No Quick Sync	1		
	Cable Management Arm, 2U	1		
	ReadyRails Sliding Rails	1		
	Basic Next Business Day 36 Months-ACDTS	1		
	Basic Next Business Day-ACDTS Extension, 1 Month(s)	1		
	ProDeploy PowerEdge R Series 1u2u-ACDTS	1		
2	ME5024 -1ш Тухайн барааг Монгол улсад борлуулах үйлдвэрлэгчийн зөвшөөрөл ирүүлэх			
	10Gb iSCSI Base-T 8 Port Dual Controller	1		
	Hard Drive Filler 2.5in, single blank	6		

	<table border="1"> <tr> <td>2.4TB 10K RPM SAS ISE 12Gbps 512e 2.5in Hot-plug Hard Drive</td> <td>18</td> </tr> <tr> <td>Rack Rails 2U</td> <td>1</td> </tr> <tr> <td>ME Series 2U Bezel</td> <td>1</td> </tr> <tr> <td>Power Supply, 580W, Redundant, WW</td> <td>1</td> </tr> <tr> <td>Regulatory Label for Dell EMC ME5024/ME4024/ME424 - APCC &amp; TW</td> <td>1</td> </tr> <tr> <td>Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)</td> <td>2</td> </tr> <tr> <td>Ship Mod for Dell EMC ME5024, APCC and TW</td> <td>1</td> </tr> </table>	2.4TB 10K RPM SAS ISE 12Gbps 512e 2.5in Hot-plug Hard Drive	18	Rack Rails 2U	1	ME Series 2U Bezel	1	Power Supply, 580W, Redundant, WW	1	Regulatory Label for Dell EMC ME5024/ME4024/ME424 - APCC & TW	1	Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)	2	Ship Mod for Dell EMC ME5024, APCC and TW	1		
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3	<p>Свич - 2 ширхэг DELL S4112T san switch-тэй дүйцэхүйц Тухайн барааг Монгол улсад борлуулах үйлдвэрлэгчийн зөвшөөрөл ирүүлэх</p> <table border="1"> <tr> <td>Dell Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU</td> <td>1</td> </tr> <tr> <td>Dell Networking Dual Tray, one Rack Unit, 4-post rack only, S4112 Hard Drive Filler 2.5in, single blank</td> <td>1</td> </tr> <tr> <td>Jumper Cord - C13/C14, 2M, 250V, 10A (EU, TW, APCC countries except ANZ)</td> <td>2</td> </tr> <tr> <td>OS10 Enterprise, S4112T</td> <td>1</td> </tr> <tr> <td>Limited Warranty: Yr1 Return to Depot (Parts)-VN,PK,PH,BN,SL,BD</td> <td>1</td> </tr> </table>	Dell Switch S4112T, 12 x 10GBaseT, 3 x 100GbE QSFP28, IO to FAN, 2 x AC PSU	1	Dell Networking Dual Tray, one Rack Unit, 4-post rack only, S4112 Hard Drive Filler 2.5in, single blank	1	Jumper Cord - C13/C14, 2M, 250V, 10A (EU, TW, APCC countries except ANZ)	2	OS10 Enterprise, S4112T	1	Limited Warranty: Yr1 Return to Depot (Parts)-VN,PK,PH,BN,SL,BD	1						
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4	<p>10Gbe card – хард диск -3 ширхэг Dell 57416 Dual-Port 10GBASE-T Ethernet PCI Express 3.0 x8 OCP 3.0 Small-Form-Factor Card-тай дүйцэхүйц</p> <table border="1"> <tr> <td>Dual Port 10 Gb/s 10GBASE-T interface:</td> <td></td> </tr> </table>	Dual Port 10 Gb/s 10GBASE-T interface:															
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<ul style="list-style-type: none"> <li>– 10GBASE-T IEEE 802.3an.</li> <li>– 1000BASE-T IEEE 802.3ab.</li> <li>– EEE on 10GBASE-T and 1000BASE-T.</li> <li>– Auto sense mode.</li> <li>– Detection and correction of pair swaps (MDI crossover), pair skew, and pair polarity.</li> <li>– Auto-negotiation with next page support.</li> <li>– IEEE fast retrain and link monitoring.</li> </ul>			
x8 PCI Express 3.0 compliant.			
SR-IOV with up to 128 virtual functions (VFs).			
Function-Level Reset (FLR) support.			
TruFlow™ flow processing engine.			
Virtual Network Termination— XVLAN, NVGRE Geneve, GRE encap/decap.			
vSwitch Acceleration.			
Tunnel-aware stateless offloads.			
DCB support – PFC, ETS, QCN, DCBx.			
RDMA over Converged Ethernet (RoCE).			
Network Controller Sideband Interface (NC-SI).			
SMBus 2.0.			
MCTP over SMBus.			
PCIe-based UART and KCS.			
Jumbo frames up to 9 KB.			
Advanced congestion avoidance			
Multiqueue, NetQueue, and VMQ.			
IPv4 and IPv6 offloads.			

	<p>TCP, UDP, and IP checksum offloads.</p> <p>Large send offload (LSO).</p> <p>Large receive offload (LRO).</p> <p>TCP segmentation offload (TSO).</p> <p>Receive-side scaling (RSS).</p> <p>Transmit-side scaling (TSS).</p> <p>VLAN insertion/removal.</p> <p>Interrupt coalescing.</p> <p>Network boot—PXE, UEFI.</p> <p>iSCSI boot.</p> <p>Wake-on-LAN (WOL).</p> <p>MSI and MSI-X.</p> <p>Conforms to the OCP 3.0 Design Specification Version 1.00.</p>		
5	UPS 10K APC battery – 1 ширхэг		
6	Свич – 7 ширхэг [TPE-2840WS] PoE+ <b>Switch:</b> Trendnet TPE-2840WS 28-Port Gigabit Web Smart PoE+ Switch-тэй дүйцэхүйц		
7	Свич – 7 ширхэг [TEG-524WS] Managed Switch: Trendnet TEG-524WS, 52xGigabit ports, 4 x shared Gigabit ports, Web Smart Switch-тэй дүйцэхүйц		
8	Свич – 7 ширхэг [TL2-G244] Managed Switch: Trendnet TL2-G244 24-Port Gigabit Layer 2 Switch w/ 4 Shared Mini-GBIC Slots		
9	График карт - 5 ширхэг Gigabyte GeForce RTX 3090 GAMING OC 24G Graphics Card, 3x WINDFORCE Fans, 24GB 384-Bit GDDR6X, GV-N3090GAMING OC-24GD Video Card		
10	Компьютерийн гар – 10 ширхэг Keychron V5 96% RGB Mechanical Wired keyboard-тэй дүйцэхүйц		
11	Компьютерийн хулгана – 10 ширхэг Logitech G Pro Wireless mouse-тэй дүйцэхүйц		

12	Dell PERC H345 12G Front Raid Controller (FW25F) – 1 ширхэг		
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