Монгол Улсын 2020 оны төсвийн хөрөнгөөр Боловсролын салбарын мэдээллийн системийн мэдээлэл агуулах төхөөрөмжийн техникийн тодорхойлолт

№	Тоног төхөөрөм-жийн нэр		Техникийн тодорхойлолт, хүчин чадал	Хэмжих нэгж	Тоо хэмжээ

1	Мэдээлэл агуулах төхөөрөмж /Storage/	General Information	• **Raw Capacity**
			  ○ 20.95 TB
			• **Unit Count**
			  ○ 2 U; Rack Mountable
			• **IOPS**
			  ○ 90000
			• **Block Size**
			  ○ 8K
			• **Usable Capacity**
			  ○ 14.04 TB
			• **Total Drive Count**
			  ○ 12
			• **Workload**
			  ○ 80% Read - 20% Write
			• **Effective Capacity**
			  ○ 28.08 TB
			• **Configuration Type**
			  ○ New Solution
				ширхэг	1

		Storage Type	**All-Flash Storage**		

		System Tier Information	• **Flash**
			  ○ 1.92TB FLASH 4
			• **Count**
			  ○ 12
			• **Usable Capacity**
			  ○ 14.04 TB		

		Pool Configuration	• **Tier**
			  ○ FLASH
			• **Form Factor**
			  ○ 2.5
			• **Drive Type**
			  ○ 1.92TB FLASH 4
			• **RAID Type**
			  ○ RAID 5 (8+1)
			• **Drive Count**
			  ○ 12
			• **Usable Capacity**
			  ○ 14.04 TB
			• **Effective Capacity**
			  ○ 28.08 TB
			• **IOPS**
			  ○ 90000		

			Power Information	**Power Consumption** 0.55 kVA **Input Voltage** - V~208 **Phases** - Single Phase **Site Circuit Breaker** 30 **Peak Inrush Current** 25 A		
			Environmental	**Operating Temp** - Below 26C **Heat Dissipation** 1800 Btu/Hr **Sound Pressure** 57 db **Sound Power** 7.4 bels		
			I/O Configuration	**Mezz Card** 4 x 10GbE opt **Additional I/O - Slot 1** 4 x 16GB FC MM		
			Software Suites	**Unisphere Suite** **File, Block, VVols** **Snapshots** **Encryption** **Anti-virus** **Native Replication**		
			Additional Information	**System Drive Tier** - Extreme Performance **System Drives Used for Data** - Yes **Raw Percentage of Flash** 100 % **Operating System Version** - Unity 5.0 **Midrange Sizer Version** 8.4.8 **Reserved NVMe Slots** - No		
			Controller	**Controller Count** 2 **CPU per Array** 2 x Dual Socket 32 cores per Array, 1.8GHz **System Memory/Cache per Array** 192GB **Protocol** - Fibre Channel - NFS - iSCSI **Management Port** - RJ-45		
			Support	**Oracle Linux and Solaris** **Oracle RAC Database** **VMware vSphere, vCenter**		

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