

Technical Specifications

Procurement of Various ICT Equipment - MITHI 2021

ICT Servers

2,955,194.62		
1 unit	<p>High Storage Server Specification Requirements:</p> <ul style="list-style-type: none"> • 2.5" Chassis with 8 or 16 bays • Intel Xeon Silver 4114 10C 85W 2.2GHz Processor • 32GB TruDDR4 2666 MHz (2Rx4 1.2V) RDIMM • 2U/Twr 2.5" SATA/SAS 8-Bay Backplane • RAID 530-8i PCIe 12Gb Adapter1 • 6x2.5" 1.8TB 10K SAS 12Gb Hot Swap 512e HDD • 550W(230V/115V) Platinum Hot-Swap Power Supply • 3yrs Warranty 	400,000.00
1 unit	<p>Managed PoE+ Gigabit 24 Port Switch with SFP (250W) Specification Requirements:</p> <ul style="list-style-type: none"> • 24 x Gigabit Ethernet Ports • 2 x 1 Gbps SFP Ethernet Ports • 250 Watt Max. Power Consumption • Non-Blocking Throughput Switching 	23,170.57
5 units	<p>Web Servers Specification Requirements:</p> <ul style="list-style-type: none"> • Form factor: 1u Rack mount • Processor: Intel Xeon E-2134 4C 80W (3.5Ghz, 8MB, 1600Mhz) • Chipset: Intel C242 • Memory (min/max) : 16GB (2x8GB), 2Rx8, 1.35v) PC3L 12800 CL11 ECC DDR3 1600MHz LP UDIMM, up to 32GB with 8GB DDR3 UDIMMS at 4 DIMM slots. RDIMMS not supported • Storage: 1200GB simple Swap 2.5" SAS/SATA, (2x600GB SAS) installed up to 4 Simple Swap HDD • ServeRAID: ServerRAID H1110 supports RAID 0,1,1E • Network: Quad Gigabit Ethernet (2 Enabled + 2 FoD) 	1,000,000.00

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	<ul style="list-style-type: none"> Graphics: SVGA 8MB SDRAM std/max/intergrated in BMC on system board 	
3 units	<p>UPS for Servers</p> <p>Specification Requirements:</p> <ul style="list-style-type: none"> Total Outlets: 8 x IEC-320 C13 1 x IEC-320 C19 Plug Type: nIEC-320 C20 SmartSlot Interface: 1 Data Line Protection: RJ45 Communications: Serial via RJ45 USB via Type-B Noise Filtering 0.3% <p>Power</p> <ul style="list-style-type: none"> Surge Energy Rating 645 Joules Maximum Wattage: 2700 W Nominal Input Voltage: 230 VAC Input Voltage Range: 208 to 240 VAC Input Voltage Adjustable Range: 141 to 280 VAC Input Frequency: 50/60 Hz ± 3 Hz Output Voltage Range: 208 to 240 VAC Output Frequency: 50/60 Hz ± 3 Hz Voltage Distortion Load Capacity 3000 VA Thermal Dissipation: 184 BTU/Hour Crest Factor 3:1 	330,000.00
1 unit	<p>Storage Server</p> <p>Specification Requirements:</p> <ul style="list-style-type: none"> Studio Network Solutions EVO 48TB (8 x 6TB) 8-Bay Shared Media Storage Server Designed for Multimedia Production 48TB (8 x 6TB) Capacity 8 x SATA III 6 Gb/s HDD/SSD Drive Bays Multi-Core 64-bit CPUs 	1,120,723.81

<p>2 units</p>	<p>Cloud Storage Server Specification Requirements:</p> <ul style="list-style-type: none"> • Ultra 2-Bay Personal Cloud Storage Server • 16TB Storage Capacity • Includes 2 x 8TB Hard Drives • 1.3 GHz Marvell ARMADA 385 Dual-Core • 1GB of DDR3 RAM 	<p>81,300.24</p>
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