

## Specification of Server

Item No :	Quantity	Listed Specification	Comment	If "NO" indicate the specification
		The client will not be referring to catalog for details	If kept blank, "Yes" is assumed.	
1.	1	<b>High End Computer</b>		
		<b>Country of Origin</b> (Please specify) :		
		<b>Country of Manufacture</b> (Please specify) :		
		<b>Make</b> (Please specify) :		
		<b>Model</b> (Please specify) :		
		<b>Processor</b>		
		• Number of Processors	2 or more	
		• Name & Type	Dual AMD® EPYC™ 8 or Higher	
		• Speed	3.2 GHz or Higher	
		• Cache	256 MB or Higher	
		• Physical Cores	68 or More	
		• Threads	128 or More	
		• Memory channels	8 or More	
		• Support Architecture	64 bit	
		<b>Motherboard</b>		
		• Chipset	AMD equivalent series	
		• Memory Support	8 DIMM Slots or more for each processor, Up to MAX 128GB or Higher, ECC DDR4-2999Mhz or Higher	
		• PCIe 3 x 1	4 or More	
		• PCIe 3 x 16	1 or More	
		• SATA Port	4 or More	
		<b>System Memory</b>		
		• Type	DDR4 ECC	
		• Capacity (Required)	256 GB (4 x 64GB)	
		• Speed	2999 MHz or Higher	
		<b>Graphic Onboard</b>	2 x Nvidia RTX 2080 Ti 24 GB or higher	
		<b>Card Reader</b>	SD/media card reader	
		<b>Audio</b>	HD Audio, Internal speakers, sound blaster card	
		<b>Hard Disk (SSD M2)</b>		
		• Type	NVME	
		• Capacity	1T or higher	
		• Speed	1000 MB/s RW or higher	

	<b>Hard Disk (SSD)</b>			
	• Type	SATA with Raid Controller, Raid 10		
	• Capacity	4 x 1 TB or higher (Final effective capacity 2GB)		
	• Speed	1000 MB/s RW or higher		
	<b>LAN</b>	2 x Integrated, support 10/100/1000 Gigabit (Ethernet)		
	<b>Interfaces;</b>			
	• HDMI/ VGA	1		
	• RJ-45	1		
	• Audio in	1 (Rear)		
	• Audio out	1 (Rear)		
	• Universal Audio Jack	1 (Front)		
	• USB 3.0	8 (Front-2, Rear-6) or more		
	• USB 2.0	4 (Rear-4) or more		
	<b>Chassis</b>			
	• Type	Rack Mountable 4U or less		
	• Colour	Black		
	• Power Supply Unit	2x Hotswap 600W with 90% or more efficient as required		
	• Lock Slot Support	Yes		
	<b>Keyboard</b>	Full sized, spill-resistant English keyboard with numeric keypad		
	<b>Mouse</b>	1000dpi USB, wired laser mouse		
	<b>Optical Storage</b>	blue ray read writer		
	<b>Compliant Standard</b>	ENERGY STAR (Essential)		
	<b>Monitor</b>			
	• Quantity	1		
	• Size	23" Diagonal or higher		
	• Display Type	LED-Backlit or IPS		
	• Color	Black		
	• Resolution	1600 X 900 at 60Hz (or Higher)		
	• Aspect Ratio	16:9		
	• Brightness	250 cd/m <sup>2</sup>		
	• Colour Support	16.7 Million colours		
	• Compliant Standard	ENERGY STAR (Essential)		
	• Contrast Ratio	1,000:1		
	• Anti-Glare	Yes		
	• Response Time	5 ms or less		
	• Input Connectors	1 DisplayPort 1.2, 1 VGA, HDMI		
	<b>Operating System</b>			
	• OS (Required)	Linux Based OS 64bit		
	• Supporting OS	Windows 7/ 8/ 10 64bit		
	<b>Included</b>			
	• CDs	Manuals		
	• Extras	book/ broacher...etc		

	<b>Other Requirements</b>	CPU, Chipset and BIOS should support 64 bit Computing, Device driver CD/DVD; (Should include 32bit and 64bit device drivers for Microsoft Windows 7, 8.1, 10 and Linux)		
	<b>Authorization</b>	Manufacturer authorization letter should be provided with warranty details.		
	<b>Note</b>	Manufacturer should have minimum of ten years experience in manufacturing of the same brand.		
	<b>Vendor</b>	Vendor should have minimum of 10 years experience selling & Servicing the same brand. The vendor should have an island wide support centre network for over 5 years. (Proof document should be attached)		
	<b>Serviceability</b>	The vendor should be certified by the manufacture as having an authorized service center facility.		
	<b>Warranty</b>	3 year Comprehensive (Parts & Labour)		
	<b>UPS</b>	30 minutes standby time and 230Volts		