

SERVER UNDER RATE CONTRACT
ANNA UNIVERSITY, CHENNAI – 600 025

VALID FROM 21.01.2020 To 20.01.2021

Type-1 Server

Sl. No	Description	Unit Rate (Rs.)	GST@ 18%	Total Amount (Rs.)
	Make: HP Model: ML350			
1	Form Factor/Cabinet Type: Tower			
2	Processor (64 Bit): Dual Processor, 2.10Ghz, 8 Core Processor, 11 MB L3 Cache or equivalent			
3	Memory: 4 x 16 GB ECC DDR4, 2666 MHz			
4	Chipset: Intel C621 Series or better			
5	Hard Disk Drive: 3 x 600GB SAS 10K RPM 12Gbps Hot Plug Hard drives, Chassis upto 8 or more drives			
6	RAID Controller: 0/1/5 12 GBPS SAS with 2GB flash backed cache			
7	Monitor: 19 inch (± 0.5 inch) TFT/Wide LED Colour Monitor Resolution 1366x768 or higher			
8	Keyboard: OEM USB standard keyboard			
9	Mouse: OEM USB Optical mouse	3,35,000/-	60,300/-	3,95,300/-
10	USB Ports: Minimum 4 nos.			
11	Interfaces/PCI Slots: Minimum 4 PCI-Express slots			
12	Network Interface: 1Gbps Dual Port Network Adapter			
13	General Certification: Hazardous - RoHS, FCC and TCO Certification for Monitor			
14	Operating System Support: Latest Microsoft Windows Server, Red Hat Enterprise Linux, Cent OS & SUSE Linux Enterprise Server, VM ware.			
15	Operating System: Preloaded with Linux-RedHat/SUSE/Cent OS/ Ubuntu or equivalent			
16	Power Supply: Redundant Power Supply (RPS) with Hot plug			
17	Warranty: 5 years onsite from OEM			

Type – 2 Server

Sl. No	Description	Unit Rate (Rs.)	GST@ 18%	Total Amount (Rs.)
	Make: HP Model: ML380			
1	Form Factor/Cabinet Type: 2U Rack mountable with rail kit & rack brackets			
2	Processor (64 Bit): Dual Processor, 2.10Ghz, 8 Core Processor, 11 MB L3 Cache or equivalent			
3	Memory: 4 x 16 GB ECC DDR4, 2666 MHz			
4	Chipset: Intel C621 Series or better			
5	Hard Disk Drive: 3 x 600GB SAS 10K RPM 12Gbps Hot Plug Hard drives, Chassis upto 8 or more drives			
6	RAID Controller: 0/1/5 12 GBPS SAS with 2GB flash backed cache			
7	Keyboard: OEM USB standard keyboard			
8	Mouse: OEM USB Optical mouse	3,44,000/-	61,920/-	4,05,920/-
9	USB Ports: Minimum 4 nos.			
10	Interfaces/PCI Slots: Minimum 4 PCI-Express slot			
11	Network Interface: 1Gbps Quad Port Network Adapter			
12	General Certification: Hazardous - RoHS, FCC and TCO Certification for Monitor			
13	Operating System Support: Latest Microsoft Windows Server, Red Hat Enterprise Linux, Cent OS & SUSE Linux Enterprise Server, VM ware.			
14	Operating System: Preloaded with Linux- RedHat/SUSE/Cent OS/ Ubuntu or equivalent			
15	Power Supply: Redundant Power Supply (RPS) with Hot plug			
16	Warranty: 5 years onsite from OEM			

Type-3 Server

Sl. No	Description	Unit Rate (Rs.)	GST@ 18%	Total Amount (Rs.)
Make: HP Model: DL 560				
1	Form Factor/Cabinet Type: 2U Rack mountable with rail kit & rack brackets			
2	Processor(64 Bit): Dual Processor, 2.10 GHz, 16 Core, 22MB L3 Cache Expandable upto 4 Processor			
3	Memory: 4x32 GB ECC RDIMM, 2666 MHz, Dual Rank, 48 DDR4 DIMM slots, Supports RDIMM /LRDIMM			
4	Chipset: Intel C621 Series Chipset or better			
5	Hard Disk Drive: 3 x 600GB SAS 10K RPM 12Gbps Hot Plug Hard drives, Chassis upto 8 or more drives			
6	RAID Controller: 12Gbps PCIe 3.0 with RAID 1, 5, 6,10, 50			
7	Keyboard: OEM USB standard keyboard			
8	Mouse: OEM USB Optical mouse	7,10,000/-	1,27,800/-	8,37,800/-
9	USB Ports: Minimum 4 nos.			
10	Interfaces/PCI Slots: Up to 8 PCI Gen3 slots or higher			
11	Network Interface: 4x1Gbps Ethernet Ports & 2x10 Gbps Ethernet Ports			
12	General Certification: Hazardous - RoHS, FCC and TCO Certification for Monitor			
13	Operating System Support: Latest Microsoft Windows Server, Red Hat Enterprise Linux, Cent OS & SUSE Linux Enterprise Server, VM ware.			
14	Operating System: Preloaded with Linux- RedHat/SUSE/Cent OS/ Ubuntu or equivalent			
15	Power Supply: Redundant Power Supply (RPS) with Hot plug			
16	Warranty: 5 years onsite from OEM			

Type – 4 Server

Sl. No	Description	Unit Rate (Rs.)	GST@ 18%	Total Amount (Rs.)
Make: HP Model: DL560				
1	Form Factor/Cabinet Type: Minimum 2U or higher Rack mountable with rail kit & rack brackets			
2	Processor(64 Bit): Quad Processor, 2.10GHz, 22 core, 30MB L3 Cache			
3	Memory: 512GB ECC RDIMM, 2666 MHz, Dual Rank, 48 DDR4 DIMM slots, Supports RDIMM /LRDIMM			
4	Fibre Channel HBA Connectivity: 2x16 GB Fiber channel Host Bus Adopter with necessary harness			
5	Chipset: Intel R C600 Series Chipset or better			
6	Hard Disk Drive: 3 X 1.2TB SA Hard Disk (minimum 8 slots)			
7	RAID Controller: Raid 0/1/5/10/15/50,SAS controller with minimum 512 GB Cache			
8	Keyboard: OEM USB standard keyboard			
9	Mouse: OEM USB Optical mouse			
10	Interfaces/PCI Slots: Minimum 4 PCI-Express slots (at least two of them PCI 3.0)			
11	Network Interface: 4x1 Gbps Ethernet Ports & 2x10 Gbps Ethernet Ports			
12	Ports & Slots: Minimum 4 USB & min 1 SD slot/M.2 slot			
13	Operating System Support: Latest Microsoft Windows Server, Red Hat Enterprise Linux, Cent OS & SUSE Linux Enterprise Server, VM ware.			
14	Operating System: Preloaded with Linux-RedHat/SUSE/Cent OS/ Ubuntu or equivalent			
15	General Certification: Hazardous - RoHS, FCC, Environment – EPEAT and TCO Certification for Monitor			
16	Power Supply: Redundant Power Supply (RPS) with Hot plug			
17	Warranty: 5 years onsite from OEM			
		15,00,000/-	2,70,000/-	17,70,000/-

Optional Items:

Sl. No.	Description	Unit	Unit Rate (Rs.)	GST@ 18%	Total Amount (Rs.)
1	600GB SAS 10K RPM 12Gbps Hot Plug Hard drive	1 No	16,500/-	2,970/-	19,470/-
2	1.2TB SAS 10K RPM 12Gbps Hot Plug Hard drive	1 No	21,000/-	3,780/-	24,780/-
3	1.8TB SAS 10K RPM 12Gbps Hot Plug Hard drive	1 No	28,000/-	5,040/-	33,040/-
4	4TB 7.2K NLSAS 12Gbps Hot Plug Hard drive	1 No	24,000/-	4,320/-	28,320/-
5	8TB 7.2K NLSAS 12Gbps Hot Plug Hard drive	1 No	34,500/-	6,210/-	40,710/-
6	12 TB 7.2K NLSAS 12Gbps Hot Plug Hard drive	1 No	52,000/-	9,360/-	61,360/-
7	16 GB ECC RDIMM, 2666 MT/s	1 No	16,000/-	2,880/-	18,880/-
8	32 GB ECC RDIMM, 2666 MT/s	1 No	23,000/-	4,140/-	27,140/-
9	64 GB ECC LRDIMM, 2666 MT/s	1 No	46,500/-	8,370/-	54,870/-
10	Dual Port 10G Base T Card	1 No	33,000/-	5,940/-	38,940/-
11	Intel Omnipath Hot Fabric Adapter 100 Series 1 Port	1 No	57,000/-	10,260/-	67,260/-
12	Intel Omnipath Cable - 3 Mtrs Copper	1 No	30,000/-	5,400/-	35,400/-
13	NVIDIA Tesla V100 32GB	1 No	5,90,000/-	1,06,200/-	6,96,200/-
14	NVIDIA Tesla P100 16GB	1 No	5,50,000/-	99,000/-	6,49,000/-
15	DVD-RW	1 No	2,700/-	486/-	3,186/-
16	Warranty : One year for the Optional Item				