

Tender ref: RIT/RC2024-25 & 2025-26 /

All participants are invited to take part in this tender inquiry and submit their commercial quotations in the name of ,
The Director,
RAJARAMBAPU INSTITUTE OF TECHNOLOGY, ISLAMPUR
Rajaramnagar, Islampur,

Tender Start Date: 05-02-2025

Tender End Date: 12-02-2025

Please consider following points and quote accordingly	
1	Warranty: 3 Years NBD Onsite Comprehensive.
2	Delivery should be made within 2-4 weeks, and period of 15 days for implementation, Installation and onsite training.
3	The equipments should support all consideration mentioned in specifications.
4	Vendor should have been into similar business for at least 2-5 years.
5	Vendor should have share their organization chart for the purpose of understanding the escalation matrix.
6	Willingness support letter from principal vendor to support the sub-vendor on the integration of the solution.
7	The vendor should have local office/support in nearby areas for immediate support and should have been operating for minimum 2-5 years.
8	The vendor should have Authorised Partner, With having Manufacturer Authorization Form of respective Brand for this Tender
9	Required Compliance Certificate from respective Brands on there letter head Along with Brochure
9	The vendor participating should be capable of implementing the complete solution at later stage. Charges for the implementation of the same should be considered while quote
10	All Participants should have to Submit the Quotations and should mention the rates for single quantity including all taxes
11	Last date of submission of sealed quotations: 12/02/2025 , upto 5:00 pm
11	Date of Negotiation Meeting: We will communicate later.
12	Address : DIRECTOR, Rajarambapu Institute of Technology, Rajaramnagar, Tal. Walwa, Dist. Sangli, PIN 415 414 (Maharashtra)
13	In case of any query/doubt regarding specifications and SOW vendors should email your queries to I/C Computer Center---- 9970700764 / 9970700895
14	Payment Terms : No Advance Payment, 100% after successful installation and comissioning within 8 weeks
15	Taxes : Price should be inclusive of all taxes and FOR RIT Islampur
16	This Rate contract will be for a year (2024-2025)
17	No Technical Deviation is Allowed
18	Quantity may vary as per reuirement
Technical Qualification Criteria - for Participants	

- 1 GST Registration Certificate
- 2 Copy of Manufacturer Authorization Form (MAF) from OEM's of specific make for this Tender. MAF required In the Name of "The Director RAJARAMBAPU INSTITUTE OF TECHNOLOGY, ISLAMPUR."
- 3 Product Compliance Must be Submitted with Product Make & Model on company Letter Head Or OEM Letter Head With Seal & Signature
- 4 Brand Registration & ISO 9001:2015 Certification in Quality Management System
- 5 Last 3 financial years (year wise) CA certified Balance Sheet.
- 6 IT return for last 3 years

A. DESKTOP			
Sr.No	Make & Model	Technical Specification	Qty
1	Desktop Commercial Series [i3-14th gen/8GB/512GB SSD/Wi11pro/ 21.5"/3Yrs]	Processor : Intel® Core™ i3-14100 (12 MB cache, 4 cores, 8 threads, up to 4.70 GHz Turbo, 60W) (14th Gen) 8GB @ 4800Mhz DDR5 Non-ECC Memory Eapandable upto 64GB (2 UDIMM Slots) 512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 25 No Optical Disk Drive Chipset : Intel® Q670 Chassis intrusion switch Energy Star 8.0 compliant Graphics : Intel®Integrated Graphics UHD Graphics 730 Lan : Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support Keyboard : USB Entry Keyboard +Mouse Front Ports: 2 USB 2.0 (480 Mbps) ports 1 USB 3.2 Gen 1 (10 Gbps) Type-C® port 1 USB 3.2 Gen 1 (5 Gbps) port 1 Universal audio port Rear Ports: 2 USB 2.0 (480 Mbps) ports with SmartPower On 2 USB 3.2 Gen 1 (5 Gbps) ports 1 RJ45 (1 Gbps) Ethernet port 1 DisplayPort™ 1.4a port 1 HDMI 1.4b port No Optical Disk Drive Monitor : 21.5" Full HD (1080p) 1920 x 1080 at 60 Hz Monitor Ports & Slots: Power connector DP port VGA port Security: Discrete Trusted Platform Module, Hard ware TPM 2.0, Data Ptotection/ Encyption OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM) Cabinet : 260W internal power supply unit Warranty : 3Year Next Business Day On-site Service	1
		Intel® Core™ i5-14600 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.20 GHz Turbo, 65W) (14th Gen) 16GB @4800Mhz DDR5 Non-ECC Memory Expandable upto 64GB (2 UDIMM Slots) 512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 No Optical Disk Drive Chipset : Intel® Q670 Chassis intrusion switch (Optional) Energy Star 8.0 compliant Graphics : Intel®Integrated Graphics UHD Graphics 730 Lan : Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support Keyboard : USB Entry Keyboard +Mouse	

Sr.No	Make & Model	Technical Specification	Qty
2	Desktop Commercial Series [i5-14th gen/16GB/512GB SSD/Wi11pro/ 21.5"/3Yrs]	<p>Front Ports: 2 USB 2.0 (480 Mbps) ports 1 USB 3.2 Gen 1 (10 Gbps) Type-C® port 1 USB 3.2 Gen 1 (5 Gbps) port 1 Universal audio port</p> <p>Rear Ports: 2 USB 2.0 (480 Mbps) ports with SmartPower On 2 USB 3.2 Gen 1 (5 Gbps) ports 1 RJ45 (1 Gbps) Ethernet port 1 DisplayPort™ 1.4a port 1 HDMI 1.4b port</p> <p>No Optical Disk Drive</p> <p>Monitor : 21.5" Full HD (1080p) 1920 x 1080 at 60 Hz Monitor</p> <p>Ports & Slots: Power connector DP port VGA port</p> <p>Security: Discrete Trusted Platform Module, Hard ware TPM 2.0, Data Ptotection/ Encyption</p> <p>OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM)</p> <p>Cabinet : 260W internal power supply unit</p> <p>Warranty : 3Year Next Business Day On-site Service</p>	1
3	Desktop Commercial Series [i7-14th gen/16GB/512GB SSD/Wi11pro/ 21.5"/3Yrs]	<p>Processor :Intel® Core™ i7-14700 vPro® (33 MB cache, 20 cores, 28 threads, up to 5.30 GHz Turbo, 65W) (14th Gen)</p> <p>16GB @4400Mhz DDR5 Non-ECC Memory Expandable upto 128GB (4 UDIMM Slots)</p> <p>512 GB, M.2 2280, Gen 4 PCIe NVMe, SSD, Class 40</p> <p>No Optical Disk Drive</p> <p>Chipset : Intel® Q670</p> <p>Chassis intrusion switch (Optional)</p> <p>Energy Star 8.0 compliant</p> <p>Graphics : Intel®Integrated Graphics UHD Graphics 770</p> <p>Lan : Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support</p> <p>Keyboard : USB Entry Keyboard+ Mouse</p> <p>Front Port :</p> <p>1 USB 2.0 (480 Mbps) port with PowerShare 1 USB 2.0 (480 Mbps) port 1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port 1 USB 3.2 Gen 2 (10 Gbps) port 1 Universal audio port</p> <p>Rear Port :</p> <p>3 USB 3.2 Gen 1 (5 Gbps) ports 3 DisplayPort™ 1.4a ports 2 USB 2.0 (480 Mbps) ports with SmartPower On 1 USB 3.2 Gen 2 (10 Gbps) port 1 RJ45 (1 Gbps) Ethernet port 1 Retaskable line-in/line-out audio port 1 Video port (HDMI 2.1/DisplayPort™ 1.4a/VGA/USB 3.2 Gen 2</p> <p>No Optical Disk Drive</p> <p>Monitor : 21.5" Full HD (1080p) 1920 x 1080 at 60 Hz Monitor</p> <p>Ports & Slots: Power connector DP port VGA port</p> <p>Security: Discrete Trusted Platform Module, Hard ware TPM 2.0, Data Ptotection/ Encyption</p> <p>OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM)</p> <p>Cabinet : 500W Internal power supply</p> <p>Warranty : 3Year Next Business Day On-site Service</p>	1
		<p>Intel® Core™ i5-14600 vPro® (24 MB cache, 14 cores, 20 threads, up to 5.20 GHz Turbo, 65W) (14th Gen)</p> <p>16GB @4400Mhz DDR5 Non-ECC Memory Expandable upto 128GB (4 UDIMM Slots)</p>	

Sr.No	Make & Model	Technical Specification	Qty
4	Desktop Commercial Series [i5-14th gen/16GB/512GB SSD/ 4GB Graphics/ Wi11pro/21.5"/3Y rs]	512 GB, M.2 2230, Gen 4 PCIe NVMe, SSD, Class 35 No Optical Disk Drive Chipset : Intel® Q670 Chassis intrusion switch (Optional) Energy Star 8.0 compliant Graphics card : AMD Radeon™ RX 6500, 4 GB GDDR6 ,Full Height,2xDP Lan : Integrated 10/100/1000 Mbps ethernet controller with PXE and WOL support Keyboard : USB Entry Keyboard +Mouse Front Port : 1 USB 2.0 (480 Mbps) port with PowerShare 1 USB 2.0 (480 Mbps) port 1 USB 3.2 Gen 2x2 (20 Gbps) Type-C® port 1 USB 3.2 Gen 2 (10 Gbps) port 1 Universal audio port Rear Port : 3 USB 3.2 Gen 1 (5 Gbps) ports 3 DisplayPort™ 1.4a ports 2 USB 2.0 (480 Mbps) ports with SmartPower On 1 USB 3.2 Gen 2 (10 Gbps) port 1 RJ45 (1 Gbps) Ethernet port 1 Retaskable line-in/line-out audio port 1 Video port (HDMI 2.1/DisplayPort™ 1.4a/VGA/USB 3.2 Gen 2) No Optical Disk Drive Monitor : 21.5" Full HD (1080p) 1920 x 1080 at 60 Hz Monitor Ports & Slots: Power connector DP port VGA port Security: Discrete Trusted Platform Module, Hard ware TPM 2.0, Data Ptotection/ Encyption OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM) 500W Internal power supply Warranty : 3Year Next Business Day On-site Service	1
		Processor :Intel® Core™ i7-14700 vPro® (33 MB cache, 20 cores, 28 threads, up to 5.30 GHz Turbo, 65W) (14th Gen)	

B: Workstation			
SN	Make & Model	Technical Specification	Qty
1	Graphics Workstation [i9-14th gen/32GB/ 1TB SSD/ 16GB Graphics/ Win11pro/3Yrs]	<p>Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W)</p> <p>32 GB: 2 x 16 GB, DDR5, 4400 MT/s, Non-ECC, dual-channel Eapandable upto 128GB (4 DIMM Slots)</p> <p>1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD</p> <p>Chipset- W680</p> <p>System Power Cord India 6A</p> <p>NVIDIA® RTX™ 2000 Ada Generation, 16GB GDDR6</p> <p>Front Ports: USB 3.2 Gen 1 (5 Gbps) port USB 3.2 Gen 1 (5 Gbps) port with PowerShare USB 3.2 Gen 2 (10 Gbps) Type-C® port USB 3.2 Gen 2x2 (20 Gbps) Type-C® port with PowerShare Universal Audio port</p> <p>Rear Ports: (2) DisplayPort 1.4a HBR2 ports (2) USB 2.0 (480 Mbps) ports with SmartPower RJ45 (1 GbE) Ethernet port (2) USB 3.2 Gen 2 (10 Gbps) ports (2) USB 3.2 Gen 2 (10 Gbps) Type-C® ports Audio line-out</p> <p>USB Keyboard Mouse</p> <p>Security - Dell Precision TPM</p> <p>Intel Wi-Fi 6/6E (6GHz) AX211 2x2 Bluetooth 5.3 Wireless Card</p> <p>500W internal power supply unit</p> <p>OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM)</p> <p>Warranty: 3 Year Basic Onsite Service</p>	1
2	Monitor 27"	<p>27 "Monitor - Flat Panel Mount Interface- VESA (100 mm) Resolution- 1920 x 1080 at 60 Hz Connectivity- 1x VGA 1 x DisplayPort 1.2 3 Years Warranty</p>	1
		Intel® Core™ i9 14th Gen 14900K (36 MB cache, 24 cores, 32 threads, 3.2 GHz to 6.0 GHz, 125W)	

3	Graphics Workstation [i9-14th gen/64GB/1TB SSD + 2TB SSD/16GB Graphics/Win11pro/3 Yrs]	64 GB: 2 x 32 GB, DDR5, 4400 MT/s, Non-ECC, dual-channel Eapandable upto 128GB (4 DIMM Slots) 1 TB, M.2 2280, Gen 4 PCIe NVMe, SSD Additional 2 TB, M.2 2280, Gen 4 PCIe NVMe, SSD Chipset- W680 System Power Cord India 6A NVIDIA® RTX™ 2000 Ada Generation, 16GB GDDR6 Intel Wi-Fi 6/6E (6GHz) AX211 2x2 Bluetooth 5.3 Wireless Card Front Ports: USB 3.2 Gen 1 (5 Gbps) port USB 3.2 Gen 1 (5 Gbps) port with PowerShare USB 3.2 Gen 2 (10 Gbps) Type-C® port USB 3.2 Gen 2x2 (20 Gbps) Type-C® port with PowerShare Universal Audio port Rear Ports: (2) DisplayPort 1.4a HBR2 ports (2) USB 2.0 (480 Mbps) ports with SmartPower RJ45 (1 GbE) Ethernet port (2) USB 3.2 Gen 2 (10 Gbps) ports (2) USB 3.2 Gen 2 (10 Gbps) Type-C® ports Audio line-out USB Keyboard Mouse Security - Dell Precision TPM Intel Wi-Fi 6/6E (6GHz) AX211 2x2 Bluetooth 5.3 Wireless Card 1000W internal power supply unit OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack (Must be Certified by OEM) Warranty: 3 Year Basic Onsite Service	1
4	Monitor 27"	27" Monitor Resolution- 1920 x 1080 Anti-glare with 3H hardness IPS Technology CONNECTIVITY • 1 x HDMI 1.4 (HDCP 1.4) (Supports up to FHD 1920 x 1080 100Hz TMDS as per specified in HDMI 1.4) • 1 x DP 1.2 (HDCP 1.4) • 1 x VGA • 1 x USB 3.2 Gen1 Type-B upstream • 3 x USB 3.2 Gen1 Type-A downstream • 1 x USB 3.2 Gen1 Type-C downstream with up to 15W PD (data only) 3 years Warranty	1
		Intel Core i7 14th Gen 14700 vPro(33 MB cache, 20 cores, 28 threads, 2.1 GHz to 5.4 GHz, 65W)	

C. LAPTOP			
Sr.No	Make & Model	Technical Specification	Qty
1	Commerical laptop 15" [i3-13th gen /8GB/512GB SSD/Win11Pro/3 Years]	13th Gen Intel Core i3-1315U (10 MB cache, 6 cores, up to 4.50 GHz Turbo) Integrated Intel UHD Graphics 15.6", HD 1366x768, 60Hz, TN, Non-Touch, Anti-Glare, 220 nit, NTSC 45%, HD Camera, WLAN Experience: Temporal Noise Reduction (TNR) + Camera Shutter FHD RGB Camera 8GB, 1x8GB, DDR5, 5200 MT/s (RPL) 5600 MT/s (MTL), single-channel 512GB, M.2 2230, TLC PCIe Gen 4 NVMe Intel® Wi-Fi 6E (6GHz) AX211, 2x2, Bluetooth 5.3 Lan RJ-45 Integrated 10/100/1000 65W AC adapter, USB Type-C 3-cell, 42 Wh, ExpressCharge™ Capable, ExpressCharge™ Boost Capable Ports: 1x USB4 Gen 2 Type-C (20G x1) w/ Power Delivery & Display Port (DP-Alt mode: DP 1.4 w/ RPL, DP 2.0 w/ M TL) 4.5mm barrel power delivery 3 x USB 3.2 Gen 1 Type-A (1 w/ PowerShare) 1x HDMI 1.4 (RPL), HDMI 2.0 (MTL) 1x RJ-45 (1 Gigabit) 1x Universal Audio Jack 1x Wedge-shaped Lock slot Single Pointing Non-Backlit US International Keyboard with numeric OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack 2 x Speakers, Waves MaxxAudio Pro Intelligent Audio with Neural 2 x Noise Cancelation E4 Power Cord 1M for India TPM 2.0 FIPS-140-2 Certified / TCG Certified (INDIA) Dell EcoLoop Essential Backpack Battery Carries 1 Year Warranty from Invoice Date 3 Year on-site warranty for Laptop and One Year for Battery	1
		13th Gen Intel Core i5-1345U, Intel SIPP (12 MB cache, 10 cores, up to 4.70 GHz Turbo) Integrated Intel(R) Iris(R) Xe or UHD Graphics 15.6", HD 1366x768, 60Hz, TN, Non-Touch, Anti-Glare, 220 nit, NTSC 45%, HD Camera, WLAN 8GB, 1x8GB, DDR5, 5200 MT/s (RPL) 5600 MT/s (MTL), single-channel 512GB, M.2 2230, TLC PCIe Gen 4 NVMe Intel® Wi-Fi 6E (6GHz) AX211, 2x2, Bluetooth 5.3 Lan RJ-45 Integrated 10/100/1000 65W AC rugged adapter, 4.5mm barrel, E4 3-cell, 42 Wh, ExpressCharge™ Capable, ExpressCharge™ Boost Capable	

Sr.No	Make & Model	Technical Specification	Qty
2	Commerical laptop 15" [i5-13th gen /8GB/512GB SSD/Win11Pro/3 Years]	Ports: 1x USB4 Gen 2 Type-C (20G x1) w/ Power Delivery & Display Port (DP-Alt mode: DP 1.4 w/ RPL, DP 2.0 w/ M TL) 4.5mm barrel power delivery 3 x USB 3.2 Gen 1 Type-A (1 w/ PowerShare) 1x HDMI 1.4 (RPL), HDMI 2.0 (MTL) 1x RJ-45 (1 Gigabit) 1x Universal Audio Jack 1x Wedge-shaped Lock slot Single Pointing Non-Backlit US International Keyboard with numeric OS: Factory pre-install / Pre-loaded Microsoft windows 11 professional , 64-bit with latest service pack 2 x Speakers, Waves MaxxAudio Pro Intelligent Audio with Neural 2 x Noise Cancelation E4 Power Cord 1M for India (INDIA) Dell EcoLoop Essential Backpack	1

D. ACCESSORIES			
Sr.No	Make & Model	Technical Specification	Qty
1	19.5" Monitor	19.5" Monitor DP /HDMI Port LED Display, Warranty-3Yrs	1
2	21.5" Monitor	21.5" Monitor DP /HDMI Port LED Display, Warranty-3Yrs	1
3	MOUSE	Wired Mouse, Warranty: 1 Year	1
4	KEYBOARD	Wired Keyboard, Warranty: 1 Year	1
5	KEYBOARD	Wireless Keyboard Mouse, Warranty: 1 Year	1
6	HDD USB	1 TB 7.2K RPM, Warranty: 1 Year	1
7	External HDD	W.D 2 TB External SSD MY PASSPORT	1
8	External HDD	Hardisk 2TB USB/ SATA Ext, Warranty: 3Yrs	1
9	SSD	M.2 256GB PCIe NVMe Class 35 Solid State Drive	1
10	SSD	M.2 512GB PCIe NVMe Class 35 Solid State Drive	1
11	Desktop RAM	8GB DDR4 Non-ECC Memory 2666Mhz	1
12	Desktop RAM	4GB DDR4 Non-ECC Memory 2666Mhz	1
13	Laptop RAM	RAM 4GB DDR4 LAPTOP 3200Mhz	1
14	Laptop RAM	RAM 8 GB DDR4 Non-ECC -3200Mhz	1
15	Camera	Live Streaming Camera Ultra HD Pro Business WebCam	1
16	Headphone	Headphone Std Brand-	1
17	Pendrive	32 GB Steel Body Pendrive	1
18	Pendrive	64 GB Steel Body Pendrive	1

E. PROJECTOR			
Sr.No	Make & Model	Technical Specification	Qty
1	Business LCD XGA Projector Satandard Throw	Business LCD XGA Projector Satandard Throw	1
		Resolution : XGA (1024X768)	
		Brightness : 3300 lumens,	
		Contrast Ratio : 15000:1 ,	
		Lamp Life : 6000Hr (Normal), 12000Hr (Eco),	
		RGB Liquid Crystal Shutter Projection system (3LCD),	
		Ports: 2-in-1 USB, VGA in, HDMI in , USB 2.0 Type B	
2	Business LCD WXGA Projector Satandard Throw	Business LCD WXGA Projector Satandard Throw	1
		Resolution : WXGA (1280X800)	
		Brightness : 3300 lumens,	
		Contrast Ratio : 15000:1 ,	
		Lamp Life : 6000Hr (Normal), 12000Hr (Eco),	
		Projection System: 3LCD, 3-chip technology	
		Interfaces: HDMI 1.4, USB 2.0-A, USB 2.0 Type B (Service Only)	
3	Business LCD XGA Projector Standard Throw	Business LCD XGA Projector Standard Throw	1
		Resolution :XGA (1024 x 768)	
		Brightness : 3600 lumens ,	
		Aspect Ratio - 4:3	
		Lamp Life : 6000Hr (Normal), 12000Hr (Eco),	
		RGB Liquid Crystal Shutter Projection system (3LCD),	
		Ports: USB 2.0 Type B, RS-232C, Wired Network, Wireless LAN a/n (5GHz) (optional), VGA in (2x), VGA out, HDMI in, Composite in, Stereo mini jack audio out, Stereo mini jack audio in (2x), Cinch audio in, USB 2.0 Type A	
4	Business Projector WXGA 3LCD Laser	WXGA 3LCD Laser Projector	1
		Quick startup with laser light source	
		Resolution :WXGA (1280 x 800)	
		Brightness : 4100 lumens ,	
		Contrast Ratio : 25,00,000:1 ,	
		Lamp Life : 6000Hr (Normal), 12000Hr (Eco),	
		RGB Liquid Crystal Shutter Projection system (3LCD),	
Internal Speaker - 16W Monoaural			
Ports: HDMI 3 (HDCP2.3), USBType A, USBType B			

Sr.No	Make & Model	Technical Specification	Qty
		WiredLAN RJ45x 1 (100Mbps)	
		Warranty: 3 Years onsite service for projector Lamp: 1YR or 1,000 hours whichever is earlier	
5	Inteactive Edge Blanding Projector	White and colour brightness of 5,000 lumens	
		Laser Light Source	
		20000Hours Maintenance free use	
		Screen Size- 65 inches - 100 inches	
		Native Resolution:1920 x 1080	
		Projection Technology: 3LCD Technology	
		Dual Screen seamless interactivity	
		Wireless Projection and Miracast®	
		Finger Touch Interactive	
		Ultra Short Throw 254cm(100") screen	
		Network: Wireless: Yes (ELPAP10 Included)	
		Kensington lock, Control panel lock, Password lock, Padlock, Wireless LAN security, Password protection	
		Touch Unit Control: Mini DIN 8pin x 1	
		USB 2.0 Type A (2x), Powered USB, RS-232C, Wired Network, Wireless LAN IEEE 802.11a/b/g/n/ac (WiFi 5), Wi-Fi Direct, VGA in (2x), VGA out, HDMI in (3x), Component in, Miracast, Stereo mini jack audio out, Stereo mini jack audio in (3x), Microphone input, Finger-touch interface, Multi-Touch interface, USB 2.0 Type B (2x), Sync. in, Sync. out, HDMI out, HDBaseT	
		Interactive Pen: Digital Pen (Easy Interactive Pen 1 & 2) Fingers: Yes (Up to 6 Fingers)	
		Infrared Technology	
		Connection To Computer: USB, Network	
Warranty- 3 Year On Site			

Sr.No	Make & Model	Technical Specification	Qty
ACCESSORIES			
6	Ceiling Mount Kit Imported	Projector Ceiling Mount Kit - 2 Feet Good Quality	1
7	Ceiling Mount Kit Imported	Projector Ceiling Mount Kit - 3 Feet Good Quality,	1
8	Wall Mount Kit	Wall Mount Parameter- AST-1200A - 4 Feet (Aluminium)1150mm Branding Plate Is Optional at Extra price For Wall Mount Which Cover Projector Cable & Gives Clean Look to Modern Classroom.	1
9	VGA CABLE Imported	Projector VGA CABLE Per Meter Good Quality,	1
10	Screen Imported	Projector Screen Manual - 4 X 6 Wall Screen Mattie White Good Quality, Installock	1
11	Screen Imported	Projector Screen Manual 8 X 6 Wall Screen Mattie White Good Quality,Installock	1
12	Screen Imported	Projector Screen with Tripod 8 X 6 Stand Screen Good Quality,	1
13	Screen Imported	Projector - Screen Automatic with Remote - 120" (6 x 8) Classic Motorized	1
14	Screen Imported	Projector - Screen Automatic with Remote - 84" (4 x 6) Classic Motorized	1
15	Screen Imported	Projector - Logic Spectra Installock Screen 150" (10x8) (LGS-150)	1
16	HDMI CABLE	Projector / IP Camera HDMI CABLE 10 Meter Good Quality,	1
17	HDMI CABLE	Projector / IP Camera HDMI CABLE 15 Meter Good Quality,	1
18	HDMI CABLE	Projector / IP Camera HDMI CABLE 20 Meter Good Quality,	1
19	USB CABLE	Projector / IP Camera USB CABLE 10 Meter Good Quality,	1
20	HDMI CONVERTER	HDMI to VGA Converter Good Quality,	1
21	VGA CONVETER	VGA to HDMI Converter Good Quality,	1
22	DP CONVERTER	DP to VGA Converter	1
23	DP CONVERTER	Dp to HDMI Converter	1
24	HDMI Extender	HDMI Extender upto 50Mtrs	1
25	HDMI CONVERTER	HDMI to VGA Converter Good Quality, Well Known Brand	1
26	Wireless Presenter Cadcyce	Wireless PRESENTATION POINTER with Built in battery and AI casing	1

F. PRINTER			
Sr.No	Make & Model	Technical Specification	Qty
MONO Printers - SFP / MFP			
1	INK Tank Multifunction Mono Printer	Monochrome Ink Tank Multi Function Duplex Printer Print resolution- 1200 x 2400 dpi (With variable sized Dropped Technology), Print Speed - 39 ppm , Duplex Print, Control Panel - 1.44" LCD Screen Connectivity- USB 2.0 High Speed,WiFi Direct, Ethernet Ink Type- Genuine Pigment Inks that are water and fade resistance, Input Tray- 250 sheets, A4 Plain paper Warranty - 3Year	1
2	INK Tank Multifunction Mono Printer	Monochrome Ink Tank Multi Function Duplex With ADF Printer Print resolution- 1200 x 2400 dpi (With variable sized Dropped Technology), Print Speed - 39 ppm , Duplex Print, Control Panel -2.4" Colour Touchscreen Connectivity- USB 2.0 High Speed,WiFi Direct, Ethernet Ink Type- Genuine Pigment Inks that are water and fade resistance, Input Tray- 250 sheets, A4 Plain paper ,With ADF Warranty - 3Year	1
3	INK Tank Multifunction Mono Printer	Mono Eco Tank Multi-Function --Print ,Scan ,Copy & Wi-Fi Printer with ADF Print Speed- 33 ppm in Draft mode, Print High Speed- 18ipm, Print resolution- 1200x2400 [dpi] (With variable sized Dropped Technology) Scan Resolution (Max)--1200x2400 [dpi] Scan Resolution with ADF (Max)--600x600 [dpi] Max Paper Size in Printing --Legal Max Paper Size in Flatbed Scanner -- A4 Max Paper Size in Scanning thru ADF --Legal Input Capacity (REAR FEED)-A4 - 100 sheets of A4 Plain Paper (80 g/m2) Connectivity Interfaces - USB, Wi-Fi , Wi-Fi Direct & Ethernet Ink Yield --6,000 pages Warranty - 1 Year	1
4	INK Tank Single Function Mono Printer	Mono Eco Tank Single Function Wi-Fi Printer Print resolution- 1200x2400 [dpi] (With variable sized Dropped Technology) Print Speed- 33 ppm in Draft mode, 18ipm, Input Capacity (REAR FEED)-A4 - 100 sheets of A4 Plain Paper (80 g/m2) Out Put Capacity -A4- 30 sheets of A4 Plain Paper (80 g/m2) Ink Type- Genuine Pigment Inks that are water and fade resistance, Connectivity Interfaces - USB, Wi-Fi , Wi-Fi Direct & Ethernet Ink Yield --6,000 pages Electricity Consumption --12W	1

Sr.No	Make & Model	Technical Specification	Qty
		Mobile printing feature	
		Warranty - 1 Year	

Sr.No	Make & Model	Technical Specification	Qty
Colour Printers - MFP			
5	INK Tank Multi Function Colour Printer	INK Tank ITS Multi Function Printer -	1
		Print resolution- True 5760 x 1440 dpi, Scan resolution-1200 x 2400 dpi,	
		Print Speed- Blk 33/clr 15 ppm,	
		Connectivity- USB, WiFi , Wifi Direct	
		Ink Type- Genuine Pigment Inks that are water and fade resistance,	
		Input Tray- 100 sheets, A4 Plain paper , 20 sheets, Premium Glossy Photo Paper,	
		Page Yeild : 4500, Composite Yield : 7500	
Warranty - 1 Year			
6	INK Tank Multi Function Colour Printer	INK Tank ITS Multi Function Printer	1
		Print Resolution : 4800 x 1200 dpi	
		Print Speed - Draft, A4 : upto 37 PPM (Black) / 23 ppm (Color)	
		Connectivity- USB 2.0, Wi-Fi IEEE 802.11b / g / n, Wi-Fi Direct, Ethernet	
		Optical Resolution : 1200 x 2400 dpi	
		Input Tray- 250 sheets, A4 Plain paper , 20 sheets, Premium Glossy Photo Paper, 2 (1Front,1 Rear)	
		Printer Type : Print, Scan, Copy, Auto Duplex, ADF, 2.4" Colour LCD Touch Screen,	
Warranty - 1 Year			
Printers Consumebals			
8	INK Bottle - Epson [L130, L1300, L1455]	Black 70ML Ink Bottle - C13T664198	1
		Magenta 70ML Ink Bottle - C13T664398	1
		Cyan 70ML Ink Bottle - C13T664298	1
		Yellow 70ML Ink Bottle - C13T664498	1
9	INK Bottle - Epson [L800 ,L805]	L800 Black Ink Bottle Epson C13T673198	1
		L800 Cyan Ink Bottle Epson C13T673298	1
		L800 Light Cyan Ink Bottle Epson C13T673598	1
		L800 Light Magenta Ink Bottle Epson C13T673698	1
		L800 Magenta Ink Bottle Epson C13T673398	1
		L800 Yellow Ink Bottle Epson C13T673498	1
10	INK Bottle - Epson [M100/ M105/ M200/ M205/ L605/ L655/L1455]	BLACK MONO PIGMENT 140ML INK BOTTLE - C13T774198	1
11	INK Bottle - Epson [M1100, M1120, M1140, M1170, M1180, M2110, M2120, M2140, M2170, M3140, M3170, M3180]	Black 120ML Lionel /Vinegar- C13T03Q198(005)	1
12	INK Bottle - Epson [L3110, L3100, L3101, L3115, L3116, L3150, L3151, L3152, L3156, L3250, L3256, L3210, L3215, L3216 L1110, L5190]	Black 70ML Ink Bottle - C13T00V198(003)	1
		Magenta 70ML Ink Bottle - C13T00V398(003)	1
		Cyan 70ML Ink Bottle - C13T00V298(003)	1
		Yellow 70ML Ink Bottle - C13T00V498(003)	1
13	INK Bottle - Epson M15140/L15160/15150/L6460/L6490	INK BOTTLE,BK,IND, 127ML - C13T06G198 (008)	1
		INK BOTTLE,C,IND, 70ML - C13T06G298 (008)	1
		INK BOTTLE,M,IND, 70ML - C13T06G398 (008)	1
		INK BOTTLE,Y,IND, 70ML - C13T06G498 (008)	1
14	INK Bottle - Epson [L4150 / L4160 / L6160 / L6170 / L6190]	S15 Black Ink Bottle 127 ML - C13T03Y198 (001)	1
		S15 Cyan Ink Bottle 70 ML - C13T03Y298 (001)	1
		S15 Magenta Ink Bottle 70 ML - C13T03Y398 (001)	1
		S15 Yellow Ink Bottle 70 ML - C13T03Y498 (001)	1

Sr.No	Make & Model	Technical Specification	Qty
A3 Printers			
14	INK Tank Multi Function Colour A3 Printer	INK Tank Multi Function Colour A3 Printer Printing Technology: PrecisionCore™ Printhead, Print resolution- 4800 x 1200 dpi, Print Speed: 32 ppm (BK), 22 ppm (Colour) No of Trays- 3 (2 Front 1 Rear), Maximum Paper Size- 329 x 6000mm, Input Capacity: Cassette 1: 250 sheets for A4 Plain paper Duplex - Automatic 2-sided printing, (A4/A3, plain paper), Flatbed Colour Image Scanner (CIS) for Single-sided scan , ADF Feature (up to 35 sheet) Interface- USB, Ethernet, WiFi IEEE 802.11b/g/n, WiFi Direct Mobile and Cloud Printing feature, Control Panel: 10.9cm (4.3") Colour LCD Touchscreen Warranty - 1 Year	1
15	INK Tank Multi Function Mono A3 Printer	INK Tank Multi Function Mono A3 Printer Printing Technology: PrecisionCore™ Printhead, Print resolution- 4800 x 1200 dpi, Print Speed: Up to 32.0 ppm No of Trays- 3, Maximum Paper Size- 329 x 6000 mm, Input Capacity: Cassette 1 & 2 : 250 sheets for A4 Plain paper, 1Rear Slot: 50 sheets for A4 Plain paper Duplex - Automatic 2-sided printing, (A4/A3, plain paper), Flatbed Colour Image Scanner (CIS) for Single-sided scan , ADF Feature (up to 50sheet) Interface- High-speed USB, Ethernet, Wireless LAN IEEE 802.11a/b/g/n, WiFi Direct, Mobile and Cloud Printing feature, Control Panel: 6.85 cm (2.7"), Colour LCD Touchscreen Warranty - 1 Year	1
Barcode Scanner			
1	Barcode Scanner	Light Source-Aiming pattern: circular 617 nm amber LED Illumination: 660 nm Hyper Red LED Imager Field of View-52° H x 33° V nominal Roll-360 Degree Swipe Speed (Presentation)-Up to 120 in./305 cm. per second 13 mil UPC in optimized mode, Graphics Format Support-Images can be exported as bitmap, JPEG or TIFF Interfaces Supported-USB, RS232, Keyboard Wedge, TGCS (IBM) 46XX over RS485 Warranty - 1 Year	1
2	Handheld Wireless Scanner,	Bluetooth POS enabled 2D/1D Barcode Scanner 640*480 Resolution, Extended Battery, USB Cable charge ensure continuous operation, 3 Years Warranty	1
3	Thermal Transfer Barcode Printer	203 DPI BARCODE PRINTER, Internally Scalable True Type Fonts, 400MHz 32-Bit Risc Processor with 16MB SDRAM, 8MB Flash Memory, Print speed 6 inch per sec, TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II), 3 Months Warranty on Head, Warranty- 1 Year on Printer	1
I Card Printer			

G - I.P Cameras & Accessories			
Sr.No	Make & Model	Technical Specification	Qty
1	Dome Camera (Audio)	IP Camera with Audio Indoor 2MP IR Dome Network Camera -	1
		High quality imaging with 2 MP resolution Night Vision COLOR Camera	
		Image Sensor : 1/2.8" Progressive Scan 2 Mega Pixel CMOS	
		Focal Length : 2.8/4/6mm Optional, Aperture : F2.0, IR Range : Up To 40m,	
		Max Resolution : 1920 × 1080, Projection Level- IP67	
		Interface-1 RJ45 10M/100M self-adaptive Ethernet port, Built-in micro SD/SDHC/SDXC slot, up to 128 GB, Built in mic	
		Video Compression: Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264	
		Power Supply: 12 VDC ± 25%, PoE (802.3af, class 3)	
		Warranty : 1 Year Standard Warranty	
2	Bullet Camera (Audio)	IP Camera with Audio Outdoor 2MP IR Dome Network Camera	1
		High quality imaging with 2 MP resolution Night Vision COLOR Camera	
		Image Sensor : 1/1.8" Progressive Scan CMOS	
		Focal Length :2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138°	
		Max Resolution : 1920 × 1080, Projection Level- IP67	
		Interface-1 RJ45 10M/100M self-adaptive Ethernet port, Built-in micro SD/SDHC/SDXC slot, up to 128 GB, Built in mic	
		Onboard Storage: Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
		Video Compression: Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264	
		Power Supply: 12 VDC, max. 100 mA Warranty : 1 Year Standard Warranty	
3	NVR 8-port	NVR 8- Port	1
		Video/Audio Output: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
		HDD Support : 2 SATA interface for 1 HDDs, (Hardisk are not included, Need to buy seperately),	
		Network interface: 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
		USB interface: 2 × USB 2.0	
		Warranty : 1 Year Standard Warranty	

Sr.No	Make & Model	Technical Specification	Qty
4	NVR 16-Port	NVR 16-Port	1
		Video/Audio Output: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
		HDD Support : 2 SATA interface for 1 HDDs, (Hardisk are not included, Need to buy seperately),	
		Network interface: 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
		USB interface: 2 × USB 2.0	
		Warranty : 1 Year Standerd Warranty	
5	NVR 32-Port	NVR 32-Port	1
		Video/Audio Output: 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
		HDD Support : 2 SATA interface for 1 HDDs, (Hardisk are not included, Need to buy seperately),	
		Network interface: 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
		USB interface: Front Panel-1 × USB 2.0, Rear Panel: 1 x USB 3.0	
		Incoming bandwidth: 256Mbps Warranty : 1 Year Standerd Warranty	
6	Unmanaged Switch GIGA PoE SWITCH	8 Port Unmanaged PoE Switch	1
		8 10/100/1000 Gigabit PoE ports with 110 W power budget	
		1 × gigabit RJ45 port, and 1 × gigabit SFP fiber optical port.	
		Switching capacity : 20 Gbps Warranty : 1 Year Standerd Warranty	
7	Unmanaged Switch GIGA PoE SWITCH	16 Port Unmanaged PoE Switch	1
		16 10/100/1000 Gigabit PoE ports with 230 W power budget	
		1 × gigabit RJ45 port, and 1 × gigabit SFP fiber optical port.	
		Switching capacity : 36 Gbps Warranty : 1 Year Standerd Warranty	
8	Unmanaged Switch GIGA PoE SWITCH	24 Port Unmanaged PoE Switch	1
		24 10/100/1000 Gigabit PoE ports with 370 W power budget	
		1 × gigabit RJ45 port, and 1 × gigabit SFP fiber optical port.	
		Switching capacity : 52 Gbps Warranty : 1 Year Standerd Warranty	
9	Hardisk -Toshiba	Surveillance Hardisk 2 TB , Warranty : 2 Years	1
10	Hardisk - WD	Surveillance Hardisk 2 TB , Warranty : 2 Years	1
11	Hardisk -Toshiba	Surveillance Hardisk 4 TB , Warranty : 2 Years	1
12	Hardisk - WD	Surveillance Hardisk 4 TB , Warranty : 2 Years	1

H. Networking & Electrical Component			
Sr.No	Make & Model	Technical Specification	Qty
1	28-Port Managed Gigabit Switch	28-Port Layer 3 Stackable Managed Gigabit Switch	1
		High performance, flexibility, fault tolerance, and advanced software features for SMBs, SMEs, large enterprises, ISPs	
		20 x 10/100/1000BASE-T ports,	
		4 x Combo 10/100/1000BASE-T/SFP ports	
		4 x 10G SFP+ ports,	
		6 kV surge protection on all RJ-45 access ports,	
		Switch Resource Management (SRM) for flexible management of system resources,	
		Redundant Power Supply (RPS) support,	
		MPLS L2VPM/L3 VPN support,	
		Full L3 routing protocol support including OSPF, BGP, and ISIS for IPv4/IPv6,	
SDN-enabled switch, compatible with Openflow 1.3			
2	28-Port Managed Gigabit Switch	Gigabit Stackable Smart Managed Switches 24 x 10/100/1000Mbps, 4 x 10G SFP+	1
		2 x Gigabit SFP, 2 x 10G SFP+ Open Slot	
		IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, 802.3ae 10 GbE, IEEE 802.3x Flow Control for Full-Duplex Mode, Auto-negotiation,	
		Switching Capacity-128 Gbps, L3 Features ARP, 256 Static ARP, Supports Gratuitous ARP,	
		IPv6 Neighbour Discovery (ND), 8 IP interfaces, Default Routing,	
		Static Routing- 64 IPv4 Static Route Entries, 32 IPv6 Static Route Entries,	
		VLAN- 802.1Q Tagged VLAN, 4K VLAN Groups, Configurable VID: 0~4094, GVRP, Asymmetric VLAN, Auto Voice VLAN, Auto Surveillance VLAN 2.1	
3	28 Port POE Switch	28-Port Gigabit Smart Managed PoE Switch	1
		24 x 10/100/1000BASE-T PoE ports	
		4 x Gigabit RJ45/SFP Combo ports	
		Advanced L2 switching and security features	
		L2+ Static Routing	
		Warranty: 1 Year on-site warranty	

Sr.No	Make & Model	Technical Specification	Qty
4	Web Smart Switch	Web Smart Switch series Switch (28 Ports)	1
		24 x RJ45 + 2 x SFP, 10/100/1000Mbps Green Gigabit (Metal)	
		Warranty : 3Year Next Business Day Replacement	
5	Un Managed Gigabit Switch (24 Ports)	Un Managed Gigabit Switch (24 Ports)	1
		24-port 10/100/1000Mbps Green Gigabit (Metal)	
		Warranty : 3 Year Next Business Day Replacement	
6	Un Managed Gigabit Switch (16 Ports)	Un Managed Gigabit Switch (16 Ports)	1
		16-Port Gigabit GREENnet Switch	
		Warranty : 3Year Next Business Day Replacement	
7	Un Managed Gigabit Switch (8 Ports)	Un Managed Gigabit Switch (8 Ports)	1
		8-Port Gigabit GREENnet Switch	
		Warranty : 3Year Next Business Day Replacement	
8	Multi Port-Gigabit Unmanaged Switch	Multi-Gigabit Unmanaged Switch	
		Full 2.5 Gbps Ethernet ports for unrestricted Wi-Fi 6 router or AP connections	
		10 Gbps port for NAS or Uplink connectivity	
		Auto Speed Detection (1000 /2500/5000/10000 Mbps)	
		Smart Turbo Mode delivers low latency performance for gaming and 4K streaming	
		Warranty- 3 Years On Site	
9	9U RACK	Wall Mount Rack 9U	1
		Wall Mount 9U x 500 W x 450 D ,	
		Front GlassDoor with Lock,	
		2 pairs of 19" Mounting Rails,	
		1U Cable Manager,	
		Roof Mounted Fan Unit / 90 CFM /230V AC,	
		6 Way 5 Amp Power Distribution Unit, Mounting Hardware	
10	15U RAKC	Wall Mount Rack 15U	1
		Wall Mount 15U x 500 W x 450 D	
		Front GlassDoor with Lock,	
		2 pairs of 19" Mounting Rails,	
		1U Cable Manager,	
		Roof Mounted Fan Unit / 90 CFM /230V AC,	
		6 Way 5 Amp Power Distribution Unit, Hardware Packet	
11	42U RACK	MCAB BT 42U810 A Racks 800 mm W x 1000 mm D -	1
		MCAB PDR BT 42U8 CAM	
		MCAB PDDR BT 42U8 CAM	
		3 INCH CASTOR SET FOR MCAB	
		FOUR FAN FOR MCAB/PROFI-	
		MONITOR TRAY BT 6X700 A	
		CABLE MNG PLOOP BT 1U A	
		PDU 16A 12SKT MCB INDPLG A	
		HARDWARE PKT 20SET	

Sr.No	Make & Model	Technical Specification	Qty
12	Wireless Access Points	Indoor Access Point Antennas- 8 Internal Wired network ports- (1) 100/1000/2.5 GbE auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE) (model 621/641); (1) 100/1000/5.0 GbE auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE) (model 681); (1) Micro-USB console; (1) USB 3.0 5G/4G/LTE USB modem support Ethernet interface- 1 x 2.5GbE PoE power requirement- 802.3at 12V DC Jack Warranty- 3 Years	1
13	Wireless Access Points	Indoor Access Point Antennas- 4 Internal Wired network ports- (1) 100/1000/2.5 GbE auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE) (model 621/641); (1) 100/1000/5.0 GbE auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE) (model 681); (1) Micro-USB console; (1) USB 3.0 5G/4G/LTE USB modem support Ethernet interface- 1 x 2.5GbE PoE power requirement- 802.3at 12V DC Jack Warranty- 3 Years	1
14	Indoor Accesspoint	Indoor wireless access point Wi-Fi 6 Dual Radio Wi-Fi 6 5 GHz (2x2), 2.4 GHz (2x2) 1 GbE RJ45 interface Managed by cnMaestro Limited lifetime warranty	1
	AP Subcritpion for 1 Year	cnMaestro X 1-year subscription for one AP. Creates one Device Tier3 slot. Includes Cambium Care Pro support. NBD advanced replacement hardware support.	1
	Advance replacement Suppot	Advanced Add-on to cnMaestro X, 1-year support for one AP. 24x7 TAC support, SW updates, and NBDS advance replacement for HW	1
15	Outdoor Accesspoint	Outdoor wireless access point Wi-Fi 6 Dual-radio 802.11ax 2.5 GbE uplink Ethernet 1 GbE with power out Outdoor IP67 rated -40°C to 65°C High efficiency omni antenna Limited lifetime warranty	1
	AP Subcritpion for 1 Year	cnMaestro X for one AP. Creates one Device Tier3 slot. Includes Cambium Care Pro support. 3-year subscription	1
	Advance replacement Suppot	Advanced Add-on to cnMaestro X, 3-year support for one XV2-2T. 24x7 TAC support, SW updates, and NBDS advance replacement for HW	1
16	Rack Tray	9U Rack Tray	1

Sr.No	Make & Model	Technical Specification	Qty
17	Outdoor Cat6 - E Cable 305Mtr	CAT6 UTP Armored Cat6 UTP 23AWG Twisted Pair Armored Cable:305M Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 250 MHz. This cable well exceeds the requirements of TIA/EIA-568-C.2.	1
18	Indoor Cat6 - Cable 305Mtr	CAT6 UTP 23AWG Solid:305M CAT6 UTP Cable supports Gigabit Ethernet (1000 Base-T) standard. Operates at a bandwidth up to 250 Mhz. This cable well exceeds the requirements of TIA/EIA-568.C.2 Category 6 ISO/IEC Class E	1
19	I/O-	Face Plate Single Module	1
20	I/O-	Key stone Jack Cat 6 Single with UTP Module	1
21	I/O-	TR Box 1M	1
22	Network Acc-	Cable Manager	1
23	Patch Panel-	Patch Panel 24 Port cat 6 UTP Fully Loaded	1
24	Patch Cord-	Patch cord Cat 6--- 1mtr	1
25	Patch cord-	Patch cord Cat 6--- 2mtr	1
26	Cat6 Connector-	RJ - 45 Connector	1
27	Cat6 Connector-	Cat6 Connector STP	1
28	Cassing Capping -	Electrical Material Cassing Capping - 1" Per Meter	1
30	Cassing Capping -	Electrical Material Cassing Capping - 2" Per Meter	1
31	Flexibal Pipes	Epectrical Material Flexibal Pipe 1"	1
32	Flexibal Pipes	Epectrical Material Flexibal Pipe 2"	1
33	Good Quality- ISI	PVC Pipe 1"	1
34	Camera Fitting Box	Electrical Material Camera Fitting Box 4X4	1
35	Camera Fitting Box	Electrical Material Camera Fitting Box 6X6	1

Fiber Components			
36	Std brands	Fiber Cable 12 Core Full Armada SM (Per Mtr)	1
37	Std brands	LIU 24 Port Unloaded SM	1
28	Std brands	Pig Tail SC SM type	1
39	Std brands	SC Adaptors SM Duplex	1
40	Std brands	1000Base-LX Single Mode SFP transceiver, 10Kms	1
41	Std brands	SFP With Media Converter SM	1
42	Std brands	Fiber Patch Cable, SM, LC-SC Duplex, 1m	1
43	Std brands	Fiber Patch Cable, SM, SC-LC Duplex, 1m	1
44	Std brands	Fiber Patch Cable, SM, LC-LC Duplex, 1m	1
45	Std brands	SM SC Pigtail Simplex, 1m	1
46	Std brands	Fiber Adaptor SC SM Duplex	1
47	Std brands	Fiber Optic LIU, 24 Ports (12 SC Duplex), SM, 1U Rack Mount	1
48	Std brands	1000Base-LX Single Mode SFP transceiver, 10Kms (1G)	1
49	Std brands	10GBASE-LR SM SFP+ Transceiver, 10KM (10G)	1

I. Online UPS			
Sr.No	Make & Model	Technical Specification	Qty
1	UPS Line Interactive PS : 600VA	UPS Line Interactive PS : 600VA Builtin 12v 7AH Battery Wide Input Range 140 - 300v, Cold Start Microcontroller Based Design, Generator Compatible, No load Cut off Warranty : 2Year On UPS and 1 Year for Battery Return to bench	1
2	UPS Line Interactive PS : 1000VA Eco Model	UPS Line Interactive PS : 1000VA Eco Model 2 x 12 volt 7AH Built-in Batteries Wide Input Range 140 - 300v, Cold Start Microcontroller Based Design, Generator Compatible, No load Cut off Warranty : 2Year On UPS and 1 Year for Battery Return to bench	1
3	On line UPS 2 KVA	<p>On line UPS 2 KVA (Without Battery)</p> <p>Capacity :2 KVA / 48 V DC , Pure Sine Wave,</p> <p>AC Input Input voltage - 230VAC (170 - 280 VAC) Input Power factor- 0.9 to Unity* DG Set Compatibl- Yes DC CHARGER Rectifier- IGBT based PFC Type</p> <p>AC OUTPUT Technology- IGBT Based Double Conversion PWM Inverter using Micro Controller Output voltage- 230 VAC +/- 1 % Output Frequency- 50 Hz +/- 0.5 % Output Power factor- 0.8 to 1 lag Output waveform- PWM Sine wave Cold Start Facility- Yes Galvanic Isolation- Inbuilt Galvanic Isolation Transformer Provided as a part of design Harmonic Distortion- Less than 3 % on Linear Load Transient Recovery- .+ 4 % from 0 to Full load and corrected within 60 msec. Inverter Efficiency- > 90 % Depending on DC voltage of the UPS Overload Capacity- 130% overload for 30sec</p> <p>INDICATIONS & ALARMS Indications- Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage Audible Alarm- Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions</p>	1

		<p>Digital Metering and Fault Indications- Micro controller based Digital Scrolling LCD to Display - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage Front display with all the programmable parameters Protections-Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage</p> <p>Required Certificates- ISO 9001:2015, ZED, MPCB for Green Company</p> <p>Warranty : 3Years On Site</p>	
4	On line UPS 3 KVA	<p>On line UPS 3 KVA - (Without Battery) Capacity :3 KVA / 72 V DC , Pure Sine Wave,</p> <p>AC Input Input voltage - 230VAC (170 - 280 VAC) Input Power factor- 0.9 to Unity* DG Set Compatibl- Yes DC CHARGER Rectifier- IGBT based PFC Type</p> <p>AC OUTPUT Technology- IGBT Based Double Conversion PWM Inverter using Micro Controller Output voltage- 230 VAC +/- 1 % Output Frequency- 50 Hz +/- 0.5 % Output Power factor- 0.8 to 1 lag Output waveform- PWM Sine wave Cold Start Facility- Yes Galvanic Isolation- Inbuilt Galvanic Isolation Transformer Provided as a part of design Harmonic Distortion- Less than 3 % on Linear Load Transient Recovery- .+ 4 % from 0 to Full load and corrected within 60 msec. Inverter Efficiency- > 90 % Depending on DC voltage of the UPS Overload Capacity- 130% overload for 30sec</p> <p>Digital Metering and Fault Indications- Micro controller based Digital Scrolling LCD to Display - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage Front display with all the programmable parameters Protections-Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage</p> <p>Required Certificates- ISO 9001:2015, ZED, MPCB for Green Company</p> <p>Warranty : 3Years On Site</p>	1
		<p>On line UPS 6 KVA - (Without Battery) Capacity :6 KVA / 144 V DC , Pure Sine Wave</p>	

5	On line UPS 6 KVA	<p>AC Input Input voltage - 230VAC (170 - 280 VAC) Input Power factor- 0.9 to Unity* DG Set Compatibl- Yes DC CHARGER Rectifier- IGBT based PFC Type</p> <p>AC OUTPUT Technology- IGBT Based Double Conversion PWM Inverter using Micro Controller Output voltage- 230 VAC +/- 1 % Output Frequency- 50 Hz +/- 0.5 % Output Power factor- 0.8 to 1 lag Output waveform- PWM Sine wave Cold Start Facility- Yes Galvanic Isolation- Inbuilt Galvanic Isolation Transformer Provided as a part of design Harmonic Distortion- Less than 3 % on Linear Load Transient Recovery- .+ 4 % from 0 to Full load and corrected within 60 msec. Inverter Efficiency- > 90 % Depending on DC voltage of the UPS Overload Capacity- 130% overload for 30sec</p> <p>INDICATIONS & ALARMS Indications- Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage Audible Alarm- Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions</p> <p>Digital Metering and Fault Indications- Micro controller based Digital Scrolling LCD to Display - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage Front display with all the programmable parameters</p> <p>Wider Input Range 150-280 V A.C,</p> <p>Protections-Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage</p> <p>Required Certificates- ISO 9001:2015, ZED, MPCB for Green Company</p> <p>Warranty : 3Years On Site</p>	1
		<p>On line UPS 10 KVA - For 10KVA 3-1PH/3 Year (Without Battery) Capacity :10 KVA / 240 V DC , Pure Sine Wave, IGBT Based PWM Technology,</p> <p>AC Input Input voltage - 230VAC (170 - 280 VAC) Input Power factor- 0.9 to Unity* DG Set Compatibl- Yes DC CHARGER Rectifier- IGBT based PFC Type</p>	

6	On line UPS 10 KVA	<p>AC OUTPUT Technology- IGBT Based Double Conversion PWM Inverter using Micro Controller Output voltage- 230 VAC +/- 1 % Output Frequency- 50 Hz +/- 0.5 % Output Power factor- 0.8 to 1 lag Output waveform- PWM Sine wave Cold Start Facility- Yes Galvanic Isolation- Inbuilt Galvanic Isolation Transformer Provided as a part of design Harmonic Distortion- Less than 3 % on Linear Load Transient Recovery- .+ 4 % from 0 to Full load and corrected within 60 msec. Inverter Efficiency- > 90 % Depending on DC voltage of the UPS Overload Capacity- 130% overload for 30sec</p>	1
		<p>INDICATIONS & ALARMS Indications- Mains on, Inverter On, Battery Low, Over Load, Output Under Voltage, Output Over Voltage, DC Over Voltage Audible Alarm- Intermittent beep for 30 sec. On mains fail. Battery low pre-alarm at 80 % of Battery discharge. Intermittent Beep for all other Trip Conditions</p>	
		<p>Digital Metering and Fault Indications- Micro controller based Digital Scrolling LCD to Display - I/P voltage , O/P Voltage, Load Current, Load %, Charging Current, Battery Voltage, % Battery Charge. Fault indications – Mains Off, O/p under voltage / over voltage, Battery Low pre-alarm & Trip, DC Over voltage, Output Overload, I/p under voltage / over voltage Front display with all the programmable parameters</p>	
		<p>Wider Input Range : 415 V +15% & - 20% ,3 Phase Input 1 Phase Output,</p>	
		<p>Protections-Output Overload, Output short circuit, Battery low trip, DC over voltage, Output under voltage / over voltage, Input under voltage / over voltage</p>	
		<p>Required Certificates- ISO 9001:2015, ZED, MPCB for Green Company</p>	
<p>Warranty : 3Years On Site</p>			

Online UPS Battery Bank			
6	Quanta/ exide SMF Battery	Exide/Quanta Battery set 12V 7 AH , Warranty : 1Year On Site	1
7	Quanta SMF Battery	QUANTA SMF Battery set 12V 26 AH , Warranty : 2Year On Site	1
8	Quanta SMF Battery	QUANTA SMF Battery set 12V 42 AH , Warranty : 2Year On Site	1
Battery Rack			
9	Battery Rack	BATTERY RACK For 1 to 3 KVA	1
10	Battery Rack	BATTERY RACK For 6 KVA	1
11	Battery Rack	BATTERY RACK For 10 KVA	1

Sr.No	Make & Model
1	Microsoft CSP Paper License
2	Microsoft Paper CSP License
3	Microsoft CSP Paper License
4	Microsoft Paper CSP License
5	QH Antivirus
6	Quick Heal SEQRITE

J. MICROSOFT

Technical Specification	Qty
Windows Server 2025 Standard - 16 Core License Pack- DG7GMGF0PWHC	1
Windows Server 2025 - 1 Device CAL- DG7GMGF0PWHT	1
Office LTSC Standard 2024 - DG7GMGF0PN5D	1
Visual Studio Professional 2022- DG7GMGF0D3SJ	1
Antivirus Quickheal Total Security adminconsol Per User-3 Yrs	1
End Point Security – Business Edition – 7.6 Version. 1User 3Yr	1

Sub: IPS 4K Interactive Flat Panel

SN	Make & Model	Technical Discription	Qty
1	IFP Harware & Software Parameter 75"	<p>Screen Size 75 inch and above, Screen Type - UHD display, Backlight Type - DLED, (IPS 4K Panel) Glass Bonding - ZERO bonding Technology, Aspect Ratio - 16:09, Resolution - 3840 X 2160 4K, Number of colours -10 bits with 1.07 billion colours or higher Response Time - 4ms, Display Brightness - 450 cd/m2, Viewing Angle - 178/178, Life of panel - 50000 hrs., Audio Speaker - 2 X 20W, Touch Sensing Type - 40 Points touch, Touch Accuracy : +/- 1 mm, Touch Technology- Precision IR Touch Surface Protection - Toughened glass level 9 MOHS Std., Casing Type - Full aluminium metal body, Android CPU/ GPU -Octacore (8Core) Processor- CPU/GPU- A73x4 + A53x4 G52 MP8 or better Memory - 8 GB RAM, Flash drive - 64GB Expandable up 512GB Connectivity - Built in BT & WIFI 802.11 a/g/n/ 2.4G and 5.0G Preloaded OS - Android 13 or higher with EDLA (Certification for quoted model of panel that should be verifiable online) HDMI 2.0- 3 IN and 1 OUT, DP 1.2- 1 IN, VGA- 1 IN, Type A- USB 3.0 - 2 nos.,USB 2.0 - 2 nos., Touch USB Type B 2.0- 2 nos., USB Type C- 2 nos., RS 232, RJ45 (10/100/1000 Mbps) , OPS Slot, PC Audio In and Out, SPDIF out (Optical) Accessories - Remote, stylus, power cable, antenna and wall mount, Wi-Fi Dongle for Wireless Connectivity Power Consumption- 73.9 W or less Software - Annotation software (on android.) Health Related Features Germ Resistant Technology Anti Glare Coating Low Blue Light certified by an agency (TUV Certificate to be provided) Flicker Free certified by a reputed agency (TUV Certificate to be provided) AMS, DMS, Xsign Broadcast Software , Wireless Content Sharing IFP-OEM should have valid certificates:-BIS, RoHS, CE, CB, FCC, ISO 9001, ISO 14001, ISO 45001, TUV Low Blue Light Certification, TUV Flicker Free Certification, SIAA Certification for germ resistance Warranty - Onsite warranty 3 Years</p>	1
		<p>Screen Size 86 inch and above, Screen Type - UHD display, Backlight Type - DLED, (IPS 4K Panel) Glass Bonding - ZERO bonding Technology, Aspect Ratio - 16:09, Resolution - 3840 X 2160 4K, Number of colours -10 bits with 1.07 billion colours or higher Response Time - 4ms, Display Brightness - 450 cd/m2, Viewing Angle - 178/178, Life of panel - 50000 hrs., Audio Speaker - 2 X 20W, Touch Sensing Type - 40 Points touch, Touch Accuracy : +/- 1 mm, Touch Technology- Precision IR</p>	

2	IFP Hardware & Software Parameter 86"	Touch Surface Protection - Toughened glass level 9 MOHS Std.,	1
		Casing Type - Full aluminium metal body,	
		Android CPU/ GPU -Octacore (8Core) Processor- CPU/GPU- A73x4 + A53x4 G52 MP8 or better	
		Memory - 8 GB RAM, Flash drive - 64GB Expandable up 512GB	
		Connectivity - Built in BT & WIFI 802.11 a/g/n/ 2.4G and 5.0G	
		Preloaded OS - Android 13 or higher with EDLA (Certification for quoted model of panel that should be verifiable online)	
		HDMI 2.0- 3 IN and 1 OUT, DP 1.2- 1 IN, VGA- 1 IN, Type A- USB 3.0 - 2 nos.,USB 2.0 - 2 nos., Touch USB Type B 2.0- 2 nos., USB Type C- 2 nos., RS 232, RJ45 (10/100/1000 Mbps) , OPS Slot, PC Audio In and Out, SPDIF out (Optical)	
		Accessories - Remote, stylus, power cable, antenna and wall mount, Wi-Fi Dongle for Wireless Connectivity	
		Power Consumption- 106.8 W or less	
		Software - Annotation software (on android.)	
		Health Related Features	
		Germ Resistant Technology	
		Anti Glare Coating	
		Low Blue Light certified by an agency (TUV Certificate to be provided)	
		Flicker Free certified by a reputed agency (TUV Certificate to be provided)	
AMS, DMS, Xsign Broadcast Software , Wireless Content Sharing			
IFP-OEM should have valid certificates:-BIS, RoHS, CE, CB, FCC, ISO 9001, ISO 14001, ISO 45001, TUV Low Blue Light Certification, TUV Flicker Free Certification, SIAA Certification for germ resistance			
Warranty - Onsite warranty 3 Years			
3	BenQ OPS	OPS (CPU Parameters	1
		OPS Type : Detachable CPU, Processor: i5 12th generation,	
		RAM : 8GB DDR4,	
		SSD: 512 GB expandable up to 1 TB,	
		OS compatible: Windows 10 pro Licensed,	
		Connectivity Audio: Integrated	
		Ethernet Network: Intel 10/100/1000 MBPS	
		WiFi: 802.11 a/g/n 2.4G and 5.0G, Bluetooth,	
		Port: USB 2.0, USB 3.0, Type C port, Mic and earphone port,	
		HDMI 4K2K output.	
Certification- CE, FCC, ROHS, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018			
Warranty - Onsite warranty 3 Years			
4	IFP Slider for 75	Outer Length of Frame: 3600 mm	1
		Outer width of Frame : 1300 mm	
		Thickness of Frame (Depth) : 210 mm	
		Frame is made of Aluminum with Bronze color anodizing.	
		4 numbers boards are fitted in size of 900 mm x 1205 mm (2 boards are fixed and 2 boards are movable with lock & key. Base material of board is made of XPS/Thermocol with 14 mm thickness.	
		Front metal sheet is having thickness 0.3 mm with choice of Green Resin surface for writing/ Green ceramic surface for writing / White resin surface for writing/White ceramic surface for writing.	
Back Side metal sheet is color coated/GI sheet with thickness of 0.2- 0.3mm.			
		Outer Length of Frame: 3600 mm	
		Outer width of Frame : 1300 mm	
		Thickness of Frame (Depth) : 210 mm	

K: Labour Charges

Sr.No	Make & Model	Technical Specification	Qty
1	Labour Charges	Labour Charges For Patch Pannel Punching	1
2	Labour Charges	Labour Charges For Rack Fixing & Dressing	1
3	Labour Charges	Labour Charges For Casing Capping Patti fitting	1
4	Labour Charges	Labour Charges Projector Bracket Fixing and cable Layering Per Unit	1
5	Labour Charges	Labour Charges Projector Screen/ Board Fixing	1
6	Labour Charges	Labour Charges Cat 6 Cable Laying Per Meter	1
7	Labour Charges	Labour Charges I/O Fixing and Punching	1
8	Labour Charges	Labour Charges for Network Implementation & V-lan Configuration	1
9	Labour Charges	Labour Charges For Fiber Splicing	1
10	Labour Charges	Labour Charges For Pipe Laying Only (Per Mtr)	1
11	Labour Charges	Labour Charges For Fiber Cable Laying (Per Mtr)	1
12	Labour Charges	Labour Charges For Service Wire Laying(Per Mtr)	1
13	Labour Charges	Labour Charges For I.P. Camera Fitting	1
14	Labour Charges	Labour Charges For NVR Configuration & Setting	1