

Computers and other IT accessories

Specifications:

S.No	Equipments	Specification, Make and Model	Qty	Applicable VAT (%)	Single Unit Rate in Rs	Cost (all inclusive) for single Unit
1	Computer Systems					
(a)	Desktop Computer	CPU i-3 4 th Generation, Integrated Intel Graphics, Slim Tower, 4GB RAM, 500GB HDD, Optical Drive/Writer, 18.5" LED backlit Monitors, Preloaded Windows 8	15			
(b)	Desktop Computer Dell Vostro i-3 3800 Series	CPU i-3 4 th Generation, Integrated Intel Graphics, Slim Tower, 4GB RAM, 500GB HDD, Optical Drive/Writer, 18.5" LED backlit Monitors, Preloaded Linux	50			
(c)	Laptop, Dell Vostro, 3558	i-3, 4th Generation, Integrated Graphics with 2GB Graphics Card, 4GB RAM, 500GB, Optical R/W, 15" inch LED Screen, LAN, HDMI, VGA, USB Ports, Preloaded with Linux/DOS	15			
(d)	Laptop, Dell Vostro, 3558	i-3, 4th Generation, Integrated Graphics with 2GB Graphics Card, 4GB RAM, 500GB, Optical R/W, 15" inch LED Screen, LAN, HDMI, VGA, USB Ports, Preloaded with Windows 8 (or higher)	15			
(e)	Servers	HP ML10 G8 Server <ul style="list-style-type: none">Item model number: HP ML10 G8Processor Type XeonProcessor Speed 3.1 GHzRAM Size: 4 GBComputer Memory Type: DDR3 SDRAMHard Drive Size: 1000 GBVoltage 220 VoltsWattage 300 WattsOptical Drive Type: DVD/CDPower Source: ac	02			
2	Uninterrupted Power Supply	APC Back-UPS 600, 230V, BX600CI-IN Specifications: <ul style="list-style-type: none">Output power capacity 360 Watts / 600 VAMax Configurable Power (Watts) 360 Watts / 600 VANominal Output Voltage 230VOutput Frequency (sync to mains) 47 - 63 HzTopology Line InteractiveWaveform type Stepped approximation to a sine waveOutput Connections (3) India 3-pin 6A (Battery Backup) Input <ul style="list-style-type: none">Nominal Input Voltage 230VInput frequency 47 - 63 HzInput Connection India 3-pin 6A	65			

		<ul style="list-style-type: none">• Cord Length 1.22 meters• Input voltage range for main operations 145 - 290 V• Number of Power Cords 1 Batteries & Runtime <ul style="list-style-type: none">• Battery type VRLA• Typical recharge time 6 hour(s)• Battery Volt-Amp-Hour Capacity 60				
3	2 in 1, Laser-jet HP series Printer	HP LaserJet Pro MFP M126nw Laser Printer, Specification: <ul style="list-style-type: none">• Print quality black (best): Up to 600 x 600 dpi• Duty cycle (monthly, A4): Up to 8000 pages• Print technology: Laser• Display: 2-line LCD (text)• Number of print cartridges: 1 (black), 88A• Print languages: PCLm/PCLmS• Memory, maximum: 128 MB• HP ePrint capability: Yes• Connectivity, standard: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; built-in WiFi 802.11b/g/n.	05			
3a	DOT Matrix Printer	WeP LQ DSI 5235 DMP 24 Pin 136 Column Specification: <ul style="list-style-type: none">• DOT Matrix Printer, 24 pins• Bi-Directional• Impact DOT Matrix• Communication - Centronics Parallel port and High Speed USB.	03			
4	Laser Jet Toner	HP C388D (88D), Dual Pack	10			
5	Wireless Routers					
(a)	Wireless Router	Make: D-link D-Link DIR-615L Wireless N Cloud Router (Black)	10			
(b)	Wireless Router	DIR-890L, Wireless AC3200 Tri Band Gigabit Cloud Router	02			
(c)	Wireless Router	JR-6150, Netgear Wifi Router	02			
(d)	Wireless Router	R6400, Netgear Wifi Router	02			
6	Ethernet/LAN Wire	Cat 5/6	5 Coils			
7	Wifi Adapter, Netgear	Netgear WNA3100M Wi-Fi USB Mini Adapter, Mini Wifi USB Adapter, 150Mbps	100			
8	Ethernet/LAN Switch	Model-JGS516, Make- Netgear , Specifications: <ul style="list-style-type: none">• 16 Port unmanaged Switch• 10/100/1000Mbps Gigabit Ethernet	6			
9	Ethernet/LAN connector	RJ-45	400			
10	Anti Virus	AVAST	90 user			

11	Public Address Lectern System	WSL-2500R, Ahuja Product Specifications: <ul style="list-style-type: none">• Inbuilt Speakers,• Podium Light,• Gooseneck Condenser Microphone,• Wireless Microphone,• Wireless VHF amplifier,• 40W inbuilt Amplifier,• Inbuilt USB player and Recorder with Tone Controls,• Auxiliary input and Output Terminals.	15			
12	Public Address Lectern System	RETAIL STORE PACKAGE 500-750 SQ FT, Make: AHUJA SYSTEMS Specification: 6 Ceiling Speakers, 1 Amplifier with USB Slot and Remote.	15			
13	LCD Projector	EPSON, MODEL NUMBER EB-X36 Projection Technology RGB liquid crystal shutter projection system Specifications of Main Parts LCD Size 0.63" (D7) 0.55" (D9, Cfi ne) 0.55" (D8) 0.55" (D7) Native Resolution XGA SVGA Projection Lens Type Optical Zoom (Manual) / Focus (Manual) No Optical Zoom / Focus (Manual) F-Number 1.6 -1.74 1.58 - 1.72 1.44 Focal Length 18.4 - 22.08 mm 16.9 - 20.28 mm 16.7mm Zoom Ratio 1 - 1.2 1.0 - 1.35 (Digital Zoom) Throw Ratio 1.40 - 1.68 (Wide - Tele) 1.48 - 1.77 (Wide - Tele) 1.45 - 1.96 (Wide - Tele) Lamp Type 200W UHE 5,000 hours / 10,000 hours Screen Size (Projected Distance) Zoom: Wide 30" - 300" [0.84 - 8.66 m] 30" - 300" [0.9 - 9.0 m] 30" - 350" [0.88 - 10.44 m] Zoom: Tele 30" - 300" [1.01 - 10.42 m] 30" - 300" [1.08 - 10.8 m] 23" - 260" [0.88 - 10.44 m] Standard Size 60" screen 1.71 - 2.16 m 60" screen 1.8 - 2.17 m 60" screen 1.77 - 2.4 m Brightness White Light Output (Normal / Eco) 3,600lm / 2,520lm 3,200lm / 2,240lm 2,800lm / 1,960lm 3,200lm / 2,240lm 3,000lm / 2,100lm Colour Light Output 3,600lm 3,200lm 2,800lm 3,200lm 3,000lm Contrast Ratio 15,000:1 Internal Speaker(s) Sound Output 2W Monaural 1W Monaural 2W Monaural 1W Monaural Geometric Correction Keystone Vertical / Horizontal ±30° / ±30°	15			

		<p>Auto Keystone Correction Yes (Vertical only) Horizontal Slide Keystone Correction Yes Quick Corner Yes</p> <p>Connectivity Analog Input D-Sub 15pin 1 (Blue molding) Composite RCA x 1 (Yellow) S-Video 1 Digital Input HDMI 1 (MHL not supported) Audio Input 2 RCA (White / Red) 1 USB Interface USB Type A 1 (for USB Memory, Document Camera, Wireless LAN, Firmware Update) USB Type B 1 (for USB Display, Mouse, K/B, Control, Firmware Update) Network Wireless Optional (ELPAP10)</p> <p>Wireless Specifications Supported Speed For Each Mode IEEE 802.11b: 11 Mbps, IEEE 802.11g: 54 Mbps, IEEE 802.11n: 130 Mbps Wireless LAN Security WPA-PSK/WPA2-PSK(TKIP/AES), WPA2-PSK(AES) (Optional Wireless LAN Unit use) Supported Connection Mode Infrastructure, Access Point</p> <p>Operating Temperature 5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) 5 - 30 °C <41 - 86 °F> (over 2,286m / 7,500ft) (20% - 80% humidity, No condensation) Operating Altitude 0 - 3,000 m <0 - 9,843 ft> (over 1,500m / 4,921ft: with high altitude mode) Direct Power On / Off Yes Start-Up Period About 6 seconds, Warm-up Period: 30 seconds Cool Down Period Instant Off Air Filter Maintenance Cycle 5,000 hours / 10,000 hours (Power consumption: Normal / Eco) Power Supply Voltage 100 - 240 V AC ±10%, 50/60 Hz Power Consumption (220 - 240V) Lamp On (Normal / Eco) 277W / 207W Standby (Network On / Off) 2.4W / 0.26W Dimension Excluding Feet (D X W X H) 234 x 297 x 77 mm Weight 2.4kg Fan Noise (Normal / Eco) 37dB / 28dB Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time.</p>				
14	WACOM INTERACTIVE PEN DISPLAY	<p>MODEL – DTU-1631,</p> <p>Specification;</p> <ul style="list-style-type: none">• LCD DISPLAY• Screen size 15.6-inch• Screen resolution 1366 x 768 (WXGA)• Pixel pitch 0.252 x 0.252 mm• Colour depth: 16.77 million colours• Contrast ratio: 400:01:00	15			

		<ul style="list-style-type: none"> • Backlight lifetime 50,000 hours • Video Cables DVI-I to VGA (analog RGB) cable DVI to DVI cable • Video Interface DVI-I video in/out • PEN & TABLET • Battery-free & cordless pen Yes • Customizable pen buttons 2 side switches • Pen eraser Yes • Pen tether Yes • Pen stand No • Tablet resolution 508 lpi • Coordinate accuracy ±0.5mm (center) • Tablet reading height 5 mm • Report rate 133 points/sec • Data interface USB • Data cables USB cable 				
15	VGA Cable along with 15 Pin connector	10 meters	15			
16	Components required for Up-gradation of old Computers.					
(a)	CPU: AMD Athlon FX Series	FX 6350 Series, AM3+ Socket	30			
(b)	Motherboard	Gigabyte GA-970A-DS3 Specification: <ul style="list-style-type: none"> • AMD SB950 • RAID Controller: AMD SB950 • 4 Memory Slots • Maximum 32 GB DDR3 • ATX Form Factor • AM3+ Socket Type • AMD 970G • Dual Channel DIMM Memory 	30			
(c)	RAM	4GB DDR3 1866 FSB, Make: Corsair	30			
(d)	Hard disk	SATA, 500GB, Western Digital	30			
(e)	DVD Writer	SAMSUNG 52X	30			
(f)	SMPS 450W	Zebronics, 450Watts	30			
17	CCTV or Central Surveillance System					
(a)	IP Camera	MATRIX SATATYA CIBR13FL40CW Product Description; P CMOS IR Bullet Camera with1.3MP and 4mm Lens 1/3" Progressive Scan CMOS 1.3MP, 0.01Lux, 4mm Board Lens/F2.0 30 Piece IR LEDs with IR Distance of 20-30m 1280 × 960 Image Resolution H.264/M-JPEG Video Compression IP CMOS IR Bullet Camera with1.3MP and 4mm Lens PoE Support, NAS Storage, Dual Streaming Wide Dynamic Range and Digital Noise Reduction IP66, CE,	08			

		FCC and RoHS				
(b)	Hybrid Video Recorder	MATRIX SATATYA HVR0824S, Specification: 24 Channel Standard Hybrid Video Recorder with 8 Analog Channels, 24 IP Channels, Total 24 Channel Inputs HDMI, VGA, CVBS Spot Outputs 2 Audio Inputs & 1 Audio Output and 4 Alarm Inputs & 1 Alarm Output 1080P, 720P, D1 Resolution with H.264, MPEG-4 and Motion JPEG CMS, Web Client and Mobile Application 1 SATA HDD Support (4TB Capacity, Hard Disk Not Included) SMS & Email Notification/ Calling from Mobile Application Local CMS by Cascading between any Recording Device ONVIF and Major Camera Brands Support	02			
(c)	LED TV/Monitor	SAMSUNG, 40J5100 102 cm (40) LED TV Specifications: <ul style="list-style-type: none"> • LED Display • 102 cm (40) • Full HD, 1920 x 1080 • 2 x HDMI, 2 x USB • Refresh Rate - Clear Motion Rate: 100 Hz 	1			

Note:

- Quantities given may be changed later during purchase of equipments.
- Few items in the list may be ignored while finalizing the purchase of the equipments. The decision of the purchase committee will be final.