

Procuring Entity: **University of the Philipines Baguio**
Project Name: **Supply and Delivery of Various IT Equipment, Peripherals and Accessories (LOT 1, LOT 2 & LOT 3) 2ND BIDDING**
Reference Number: **UPB-BID-2021-12**
Subject: **BILL OF QUANTITIES**

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
VARIOUS IT EQUIPMENT (LOT 1)						
1	Laptop, 15.6-in	Type Sleek, Performance Laptop Profile Processor at least 4C/8T or 6C/12T, 3-8MB cache, upto 3-4Ghz Memory at least 8-16GB DDR4 Storage at least 512GB SSD M.2 PCIe 3.0 NVMe or 256GB SSD+1TB HDD GPU at least 4GB discrete GPU Display at least 15.6" LED IPS FullHD 1080p, 400-500nits Camera at least built-in 720p-1080p HD Speakers at least built-in stereo Mic at least built-in mono or stereo Network at least built-in RJ45 LAN, WiFi 6/b/g/n, BT OS at least licensed Windows 10 64-bit Productivity at least non-subscription, licensed Office 2019 Peripherals at least backlit keyboard with multi-touch trackpad Ports at least USB 3.x, USB C, 3.5mm combo audio, HDMI out Other at least 24-36 months manufacturer's warranty, with Backpack	23	sets		
2	LAPTOP	Type Essential Laptop Profile Processor at least 2C/4T or 4C/4T, 3-4MB cache, upto 3-4Ghz Memory at least 8GB DDR4 Storage at least 256GB SSD M.2 PCIe 3.0 NVMe or 240GB SSD+1TB HDD GPU at least 2GB discrete GPU or multi-pipeline (48-80EU) iGPU or multi-core iGPU Display at least 14" LED IPS FullHD 1080p, 220-400nits Camera at least built-in VGA or 720p HD Speakers at least built-in stereo	2	sets		

Item#	Item Description	Technical Specifications		QTY	UOM	Unit Cost	Total Cost
3	Desktop Computer	Mic	at least built-in mono	10	sets		
		Network	at least built-in RJ45 LAN, WiFi b/g/n, BT				
		OS	at least licensed Windows 10 64-bit				
		Productivity	at least non-subscription, licensed Office 2019				
		Peripherals	at least backlit keyboard with multi-touch trackpad				
		Ports	at least USB 3.x, USB C, 3.5mm combo audio, HDMI out				
		Other	at least 24 months manufacturer's warranty, with Backpack				
		Type	All-In-One Desktop or Regular Desktop Profile				
		Processor	at least 2C/4T or 4C/4T, 2-4MB cache, upto 3-4Ghz				
		Memory	at least 8GB DDR4				
		Storage	at least 512GB SSD M.2 2280 PCIe 3.0 NVMe or 256GB SSD+1TB HDD				
		GPU	at least multi-pipeline (48-80EU) or multi-core iGPU				
		Display	at least 21.5" LED IPS FullHD 1080p				
		Camera	at least built-in 720p HD				
		Speakers	at least built-in stereo				
		Mic	at least built-in mono				
		Network	at least built-in RJ45 LAN, WiFi b/g/n, BT				
		OS	at least licensed Windows 10 64-bit				
		Productivity	at least non-subscription, licensed Office 2019				
		Peripherals	at least USB wired Mouse, USB wired Keyboard				
		Ports	at least USB 3.x, USB 2.x, 3.5mm combo audio, HDMI out, card reader				
		UPS	at least 800VA, 220V with universal outlets				
		Other	at least 24 months manufacturers warranty				
4	Laptop-13"	Type	Sleek, Performance Laptop Profile	2	units		
		Processor	at least M1 8C with 16C neural engine				
		Memory	at least 8GB unified				
		Storage	at least 256GB SSD				
		GPU	at least 8C GPU				
		Display	at least 13.3" Retina LED IPS, 500 nits, 1600p				
		Camera	at least built-in 720p HD				
		Speakers	at least built-in stereo speakers with wide sound and ATMOS support				
		Mic	at least built-in 3-mic array				

Item#	Item Description	Technical Specifications		QTY	UOM	Unit Cost	Total Cost
5	Laptop computer 16"	Network	at least built-in RJ45 LAN, WiFi 6/a/b/g/n/ac, BT	1	set		
		OS	at least Mac OS 11.3				
		Productivity	at least non-subscription Office 2019				
		Peripherals	at least backlit Magic Keyboard with Force Touch trackpad, Touch Bar				
		Ports	at least USB 4.x, Thunderbolt, 3.5mm combo audio				
		Other	at least 12 months manufacturer's warranty				
		Type	Sleek, High-Performance Laptop Profile				
		Processor	at least i7 6C, upto 4.5Ghz, 12MB cache				
		Memory	at least 16GB unified				
		Storage	at least 512GB SSD				
		GPU	at least 4GB discrete GPU + UHD graphics				
		Display	at least 16" Retina LED IPS, 500 nits, 1920p				
		Camera	at least built-in 720p HD				
		Speakers	at least built-in hi-fi 6-speaker with force cancelling woofers				
		Mic	at least built-in studio quality 3-mic array				
		Network	at least built-in RJ45 LAN, WiFi 6/a/b/g/n/ac, BT				
		OS	at least Mac OS 11.3				
		Productivity	at least non-subscription Office 2019				
		Peripherals	at least backlit Magic Keyboard with Force Touch trackpad, Touch Bar				
		Ports	at least USB 4.x, Thunderbolt, 3.5mm combo audio				
		Other	at least 12 months manufacturer's warranty				
		Type	All-In-One Desktop or High-Performance Desktop Profile				
6	Desktop Computer	Processor	at least 4C/4T, 4C/8T or 6C/6T, 4-8MB cache, upto 3-4Ghz	7	sets		
		Memory	at least 8-16GB DDR4				
		Storage	at least 512GB SSD M.2 2280 PCIe 3.0 NVMe or 256GB SSD+1-2TB HDD				
		GPU	at least 2GB discrete GPU				
		Display	at least 23.8" LED IPS FullHD 1080p				
		Camera	at least built-in 720p-1080p HD				
		Speakers	at least built-in stereo				
		Mic	at least built-in mono or stereo				
		Network	at least built-in RJ45 LAN, WiFi b/g/n, BT				
		OS	at least licensed Windows 10 64-bit				
		Productivity	at least non-subscription, licensed Office 2019				

Item#	Item Description	Technical Specifications		QTY	UOM	Unit Cost	Total Cost
7	Desktop computer	Peripherals	at least USB wired Mouse, USB wired Keyboard	4	sets		
		Ports	at least USB 3.x, USB 2.x, 3.5mm combo audio, HDMI out, HDMI in, card reader				
		UPS	at least 1000VA, 220V with universal outlets, UPS				
		Other	at least 24-36 months manufacturers warranty, NBD support				
		Type	All-In-One, Sleek Desktop Profile				
		Processor	at least M1 8C with 16C neural engine				
		Memory	at least 8GB unified				
		Storage	at least 256GB SSD				
		GPU	at least 7C GPU				
		Display	at least 23.5" 4.5K Retina, 500 nits, 2520p				
		Camera	at least built-in 1080p HD				
		Speakers	at least built-in hi-fi 6-speaker with force cancelling woofers				
		Mic	at least built-in studio quality 3-mic array				
		Network	at least built-in RJ45 LAN, WiFi 6/a/b/g/n/ac, BT				
		OS	at least Mac OS 11.3				
		Productivity	at least non-subscription Office 2019				
		Peripherals	at least USB wired Mouse, USB wired Keyboard				
		Ports	at least USB 4.x, USB 3.x, Thunderbolt, 3.5mm combo audio				
		UPS	at least 800VA, 220V with universal outlets				
		Other	at least 12 months manufacturers warranty				
8	Desktop computer- 27"	Type	All-In-One, Sleek Desktop Profile	3	set		
		Processor	at least 6C, upto 4.8Ghz				
		Memory	at least 8GB				
		Storage	at least 512GB SSD				
		GPU	at least 4GB discrete GPU				
		Display	at least 27" 5K Retina, 500 nits, 2880p				
		Camera	at least built-in 1080p HD				
		Speakers	at least built-in hi-fi 6-speaker with force cancelling woofers				
		Mic	at least built-in studio quality 3-mic array				
		Network	at least built-in RJ45 LAN, WiFi 6/a/b/g/n/ac, BT				
		OS	at least Mac OS 11.3				
		Productivity	at least non-subscription Office 2019				
		Peripherals	at least USB wired Mouse, USB wired Keyboard				

Item#	Item Description	Technical Specifications		QTY	UOM	Unit Cost	Total Cost
		Ports	at least USB 4.x, USB 3.x, Thunderbolt, 3.5mm combo audio				
		UPS	at least 1500VA, 220V with universal outlets				
9	Desktop	Type	All-In-One Desktop or High-Performance Desktop Profile	6	set		
		Processor	at least 4C/8T, 6C/6T or 6C/12T, 6-10MB cache, upto 3-4.5Ghz				
		Memory	at least 16GB DDR4				
		Storage	at least 512-1024GB SSD M.2 2280 PCIe 3.0 NVMe+2-4TB HDD				
		GPU	at least 4-8GB discrete GPU				
		Display	at least 23.8"-27" LED IPS FullHD 1080p 144-165Hz				
		Camera	at least built-in 720p-1080p HD				
		Speakers	at least built-in stereo or dual-stereo				
		Mic	at least built-in mono or stereo				
		Network	at least built-in RJ45 LAN, WiFi b/g/n, BT				
		OS	at least licensed Windows 10 64-bit				
		Productivity	at least non-subscription, licensed Office 2019				
		Peripherals	at least USB wired Mouse, USB wired Keyboard				
		Ports	at least USB 3.x, USB 2.x, 3.5mm combo audio, HDMI out, HDMI in, card reader				
		UPS	at least 1500VA, 220V with universal outlets				
		Other	at least 36 months manufacturers warranty, NBD support				
Sub-Total							
VARIOUS IT PERIPHERALS (LOT 2)							
10	AX3000 WiFi Router	Type	AX3000 Dual Band, Gigabit, 2T2R MU-MIMO, WiFi 6, OFDMA	6	units		
		LAN Ports	at least 4x RJ45 10/100/1000Mbps				
		WAN Ports	at least 1x RJ45 10/100/1000Mbps				
		WiFi	at least 802.11 b/g/n/a/ac/ax				
		Antennas	at least 4x external omni-directional, beam-forming, high-power FEM				
		Power Supply	at least 12V 2A, auto-voltage				
		Signal Rates	at least upto 2402Mbps (5Ghz), upto 574Mbps (2.4Ghz)				
		Firewall / Security	at least DoS, SPI, IP and MAC address binding, ALG				
		Wireless Security	at least WPA2 (PSK and enterprise)				
		WAN Types	at least Dynamic IP, Static IP, PPPoE, PPTP, L2TP				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
11	Projector, XGA	Management at least with web-based Access Control, Local Management, Remote Management	2	units		
		Supported Protocols at least IPv4 and IPv6, QoS				
		Guest Network at least one each for 2.4Ghz and 5Ghz				
		Firmware at least user upgradable, web interface				
		Other at least 12 months manufacturers warranty, Dual-core CPU, LAG				
		White Brightness at least 4,000 ANSI Lumens				
		Color Brightness at least 4,000 Lumens CLO				
		Resolution at least 1024x768				
		Aspect Ratio at least 4:3 (XGA)				
		Contrast at least 15,000:1 (full on/off)				
		Display Type at least 2 cm 3LCD Chips				
		Color Processing at least 10-bit				
		Video Modes at least 720p, 1080i, 1080p/60, 576i, 576p, 480p, 480i				
		Data Modes at least MAX 1600x1200				
		Lamp Type at least 210W UHE bulb				
		Lamp Life at least 6,000 hours / 12,000 hours (Eco)				
		Included Lens at least 1.6x manual zoom , manual focus				
		Throw Distance at least 1.4 m - 8.4 m Calculate Throw Distance				
		Image Size at least 77 cm - 762 cm				
		Throw Ratio at least 1.38:1 - 2.24:1 (D:W)				
		Digital Zoom Yes				
		Projector Size at least 10 cm x 31 cm x 29 cm (HxWxD)				
		Weight at least 3.0 kg				
		Audible Noise at least 37 dB / 28 dB (Eco)				
		Internal Speakers at least 16.0 Watts Mono				
		Power at least 326 Watts 100V - 240V				
12	Printer, 3-in-1, PSC,	Type All-in-One, Print, Scan, Copy, Fax, Color Inkjet w/ ADF, CISS	1	unit		
		Print Speed at least upto 33ppm (black) / 15ppm (color) for Draft A4				
		Copy Speed at least upto 7.7ipm (black) / 3.8ipm (color) for A4 Simplex Flatbed				
		Print Resolution at least 5760 x 1440 dpi with variable-sized droplet technology				
		Nozzle Configuration at least 180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow)				
		Display / Console at least 1.44" Color LCD				
		Scanner Optical Resolution at least 1200 x 2400 dpi, 48-bit color				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
		Scanner Speed at least 200dpi Black: 12 sec / 4.5 ipm, 200dpi Colour: 29 sec / 4.5 ipm ADF Paper Capacity at least 30 pages (A4), 10 pages (Legal) Maximum Copy Resolution at least 600 x 600 dpi OS at least compatible with Windows and Mac OS Photo Printing at least borderless upto 4R, 90s printout Ink Tank System at least spill-free and error-free refilling Connectivity at least USB 2.x, WiFi, WiFi Direct and LAN Other at least 12 months manufacturer's warranty				
13	Copier/Printer/Scanner	Copier with Printer/Scanner capability, Memory cap 512MB scan Res. 600x600dpi Printing Res 600x600dpi, Bypass Tray: A3, Min.A5, duplex capable, 2-tray Module, Power Supply AC220-240V, MaxPowerConsumption AC220 V: 1.3kW, Toner consumable, at least LAN	1	unit		
14	Managed, 24 port Gigabit Switch	High quality, branded, Layer 2/3, Fully managed, 24 port Gigabit Switch, with 2 autosensing 10/100/1000 trunk ports, 2 fixed Gigabit Ethernet SFP	2	units		
15	3D Printer and software: 3D Printer with Wifi	3D Printer and software: 3D Printer with Wifi interface and accessories diameter: 1.75 mm layer thickness 50-300 microns display 5" full color IPS touch screen, Feeder: Direct, closed print chamber, Print bed details: Heated Bed with remote control	1	unit		
16	Extenal memory drive 10TB USB3.0(desktop	Extenal memory drive 10TB USB3.0 (desktop external hard drive), at least 160MB/s data transfer, at least 2x front facing USB3.0 intelligent hub	4	pcs		
17	DLP projector, HDMI	White Brightness at least 4,000 ANSI Lumens	2	units		
		Color Brightness at least 4,000 Lumens CLO Resolution at least 1024x768 Aspect Ratio at least 4:3 (XGA) Contrast at least 15,000:1 (full on/off) Display Type at least 2 cm 3LCD Chips Color Processing at least 10-bit Video Modes at least 720p, 1080i, 1080p/60, 576i, 576p, 480p, 480i Data Modes at least MAX 1600x1200 Lamp Type at least 210W UHE bulb Lamp Life at least 6,000 hours / 12,000 hours (Eco) Included Lens at least 1.6x manual zoom , manual focus Throw Distance at least 1.4 m - 8.4 m Calculate Throw Distance Image Size at least 77 cm - 762 cm Throw Ratio at least 1.38:1 - 2.24:1 (D:W)				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
		Digital Zoom Yes Projector Size at least 10 cm x 31 cm x 29 cm (HxWxD) Weight at least 3.0 kg Audible Noise at least 37 dB / 28 dB (Eco) Internal Speakers at least 16.0 Watts Mono Power at least 326 Watts 100V - 240V				
Sub-Total						
<u>VARIOUS IT ACCESSORIES (LOT 3)</u>						
18	Desktop speaker	TOTAL POWER OUTPUT:RMS 8W x 2 + 12W x 1 THD + N:10% SNR:≥85dBA DISTORTION:≤0.5% INPUT SENSITIVITY:Satellites: 450mV ± 50mV Subwoofer: 70mV ± 20mV NPUT IMPEDANCE:10KΩ SUBWOOFER / BASS UNIT:5 inch (131mm), Magnetically shielded, 4Ω TWEETER UNIT:2¾ inch (70mm), Magnetically shielded, 4Ω CONTROL PANEL:Bass trimmer, Power switch, FM tuner DIMENSION:Satellites: 120mm × 151mm × 125mm Subwoofer: 164mm × 220mm × 280mm (WxHxD) WEIGHT:≈4.20Kg (net) / ≈5.20Kg (gross)	2	units		
19	DSLR camera	AF Modes One-Shot AF, Servo AF	1	unit		
		AF Point Selection Automatic selection, Manual selection AF System Points 143 / 99 AF Points* * Up to 143 AF points may be displayed when a compatible lens is attached. Built-in Flash YES				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
		Closest Focusing Di: 25 Continuous Shootin 10 (One-Shot AF) / 7.4 (Servo AF) Dimensions (Excl. P 116.3 x 88.1 x 58.7 Drive System Stepping Motor-driven lead screw + rack system Effective ISO 100 - 25600 (H:51200) Effective Pixels (M€ 24.1 Exposure Compensi Manual: ±3 stops in 1/3-stop increments, AEB: ±2 stops in 1/3-stop increments Eye Detection AF Available: One-Shot AF Flash Modes E-TTL II Autoflash, FE Lock, Manual pop-up, Retractable, Built-in Focal Length (35mr 24 - 72mm(3x) Guide Number ISO 5 Image Resolution 6000 x 4000 (L) 3984 x 2656 (M) 2976 x 1984 (S1) 2400 x 1600 (S2) 6000 x 4000 (RAW) Image Stabilizer Lens-shift type LCD Monitor (Size) 3 LCD Monitor Resolu 1040000 Manual Focus YES Memory Card Type SD, SDHC*, SDXC*, *UHS-I cards compatible Metering Mode 384-zone TTL Evaluative, Partial, Spot, Centre-weighted average				
20	Headphones	Features: Adjustable Headband	2	units		
		Impedance: 21 Ohm Sound Pressure Level: 100 dB Minimum Frequency Response: 20 Hz Maximum Frequency Response: 20 kHz				
21	Microphone with stand	Transducer: Condenser Microphone	2	units		
		Use: Computer Microphone Set Type: Multi-Microphone Kits Polar Patterns: Cardioid Communication: Wired Package: Yes Model Number: AU-PM422 Stype: Professional USB Microphone Microphone-core: Dia.16mm Condenser Frequency Response: 20Hz-20kHz Sampling Rate: 192kHz/24bit Sensitivity: -47dB~-29dB+/-3dB Maximum SPL: 125dB USB Cable: USB A to B, 2.5M Mute control: Touch panel Monitor: Available				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
		Microphone gain:Knob				
22	Optimal mouse	Connection modes:USB ;USB type: 3.0 compatibility: Windows XP/VISTA/7/8/10;	40	units		
		Macos: Yes;Features: 3 buttons including 2D non-slip scroll wheel; DPI: 1600				
23	Printer,all in one A3	Print method: PrecisionCore Print head; Maximum print resolution: 4800x1200 dpi;C	1	unit		
		resolution: 600x600 dpi				
24	RAM (Random Access	JEDEC standard 1.5v(1.425v~1.575v) power supply ; VDDQ :1.5v(1.425v~15.75v),	15	pcs		
		High quality (additional specs added)				
25	Ring Light	size: 18 inch ring klight ; 240 LED beads, dual phone position; Free ring light bag,	1	unit		
		dual tone(white light and warm light) Stepless dimming				
26	Teleprompter	Compatible Tablet: Under 8 inch	1	unit		
		Package Size: 26.5 * 23.5 * 10.5cm/ 10.4 * 9.3 * 4.1in				
		Package Weight: 1470g/ 3.2lbs				
27	Uninterruptible power	Type High quality, Line-Interactive UPS with MPC, built-in AVR, universal	25	units		
		Output capacity at least 1500VA / 900W				
		Interface at least six (6) universal outlets				
		Controller at least Microprocessor based digital control				
		Display at least LED display or LCD display				
		Regulation at least with buck and boost voltage stabilizer				
		Input at least with wide input voltage range (165-295V AC), frequency auto-sensing				
		Output at least with wide output voltage range (200-240V AC), frequency auto-sensing				
		Battery at least 2x 12V/8Ah, sealed, maintenance-free. 6-8Hr recharge				
		Protection at least with built-in safety fuse or circuit breaker, over charge, over				
		discharge, surge, short, overload protections				
		Other at least with 12 months manufacturer's warranty				
28	Video/Photography	Light power: 45W color temperature: 2700k/5500K; Brightness: stepless adjustment	1	set		
		Input voltage: DC 24v; Softbox size: 50*70 cm/20 *28in				
29	Webcam for Desktop	HD video calling (1280 x 720 pixels) / Video capture: Up to 1280 x 720 pixels / Logitech	2	units		
		Fluid Crystal Technology / Photos: Up to 3.0 megapixels / Built-in mic with noise				
		reduction / Hi-Speed USB 2.0 certified / Universal clip fits				
30	Wi-fi router - Network	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac;	4	units		
		Coverage: large homes; Memory: 16MB flash 128 MB RAM				
31	Scanner Type:	Scanner Type: Overhead, Simplex	6	units		
		Scanning modes: Color, Grayscale, Monochrome, Automatic (Color/Grayscale/Monochrome detection)				
		Image Sensor: Lens reduction optics/Color CCD x 1				
		Light Source: White Led + Lens illumination x 2				
		Optical Resolution:				
		285 to 218 dpi (Horizontal Scanning)				
		283 to 152 dpi (Vertical scanning)				
		Document Size:				
		Maximum: 432 x 300 mm (17.0 x 11.8 in.)				
		Minimum: 25.4 x 25.4mm (1x1 in.)(4)				

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
		Document Thickness: 30mm (1.18 in.) or less Interface: USB 2.0 / USB 1.1 (Connector type: Type-B) Image Processing Function: Deskew by text on document, Auto paper size detection, Auto image rotation, auto color detection, Book image correction (7), Multiple document documentation (8) Magnification in vertical Scanning (length): +- 1.5% Scanning Speed: 3 seconds per page				
32	Audio controller - Cool	Appearance: Cool LED breathing lamp	2	units		
		Accompaniment: Bluetooth wireless accompaniment All-in-One: Works as a USB sound card plus mixing station. Easy-to-use: Setup and start podcasting or live streaming in no time. Mixing Station: Two mic inputs, One Accompaniment input, and real-time monitoring Special Effects: Eight Built-in special audio effects and various adjustments available for your creation Multiple Outputs: Output up to three devices simultaneously. Give you more possibilities				
33	Backdrop green screen	Color: Green	1	sets		
		Material: Polyester-Cotton Fabric Backdrop Unfolded Size: 2 * 3m / 6.6 * 10ft Backdrop Bracket Size: 2 * 3m / 6.6 * 10ft Package Size: 85 * 16 * 10.5cm/ 33.5 * 6.3 * 4.1in Package Weight: 3537g/ 7.8lbs				
34	Inkjet Printer, Type: All-	Type All-in-One, Print, Scan, Copy, Fax, Color Inkjet w/ ADF, CISS	4	set		
		Print Speed at least upto 33ppm (black) / 20ppm (color) for Draft A4 Copy Speed at least upto 11ipm (black) / 5.5ipm (color) for A4 Simplex Print Resolution at least 4800 x 1200 dpi with variable-sized droplet technology Nozzle Configuration at least 400 nozzles Black, 128 nozzles per colour (Cyan, Magenta, Yellow) Display / Console at least 2.4" Color LCD Touch Panel Scanner Optical at least 1200 x 2400 dpi, 48-bit color Scanner Speed at least 200dpi Black: 12 sec / 5 ipm, 200dpi Colour: 27 sec / 5 ipm ADF Paper Capacity at least 30 pages (A4), 10 pages (Legal) Maximum Copy Size at least 600 x 1200 dpi OS at least compatible with Windows and Mac OS Photo Printing at least borderless upto A4, 92s printout Ink Tank System at least spill-free and error-free refilling Connectivity at least USB 2.x, WiFi, WiFi Direct and LAN Other at least 12 months manufacturer's warranty				
35	Computer /Office Chair	Dimension: W76xD58XH110-115cm; Color: Black ; metal : chrome	2	units		
36	Microsoft Office 2019	Microsoft Office 2019	10	pc		

Item#	Item Description	Technical Specifications	QTY	UOM	Unit Cost	Total Cost
Sub-Total						

VARIOUS IT Equipment (LOT 1):
VARIOUS IT Peripherals (LOT 2):
VARIOUS IT Accessories (LOT 3):
TOTAL:

Prepared by:

Name:

Signature:

Company:

Address:

Email address:

Contact Number: