

TECHNICAL SPECIFICATION FOR:

UPLB-S-084-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS, ACCESSORIES AND PERIPHERALS

DATE OF PREBID CONFERENCE:

Wednesday, 18 September 2019 10:30 AM

DEADLINE FOR SUBMISSION OF BIDS:

Wednesday, 02 October, 2019 UNTIL 1:15 PM

OPENING OF BIDS:

Will follow shortly after the deadline of the submission of bids

LOT #	ITEM #	REQUIRED SPECIFICATIONS	OFFERED SPECIFICATIONS (write down detailed offered specifications)	REFERENCES (include supporting documents)	COMMENTS/ REMARKS (clarify inclusion/ exclusion)	EVALUATION
1	1	BRANDED AND BRAND NEW LAPTOP COMPUTER				
		Processor: 8th Gen. Intel Core i7-8750H or Advance				
		Graphics: 6GB GDDR5 Independent				
		OS: Windows 10 64 Bit				
		Display: 15.6" FHD (1920x1080), 120Hz, 3ms, IPS-Level				
		Memory: 16GB DDR4 (8GB*2)				
		Storage: 256GB NVMe SSD				
		Camera: HD type (30fps@720p)				
		Keyboard: Per-Key Red Backlight Keyboard(84Key)				
		Speaker: 2x2W				
		Connectivity: 802.11 ac Wi-Fi + Bluetooth v5				
		I/O Ports:				
		Type-C (USB3.1 Gen2 / DP / Thunderbolt [®])				
		TYPE-A USB3.1				
		Lan: Gb LAN				
		HDMI (4K@60Hz)				
		Mini-DisplayPort				
		Battery: 51WHR				
		Bundle: Backpack				
		Warranty: 2 Years Parts & Service				

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		All peripherals must be of the same brand.				
2	1	BRANDED AND BRAND NEW WIRELESS PORTABLE SHEET-FED DOCUMENT SCANNER				
		Scan Function:				
		Scanner Type: A4 sheet-fed colour scanner				
		Sensor Type: Contact Image Sensor (CIS)				
		Scanning Method: Fixed document and moving carriage				
		Light Source: RGB LED				
		Optical Resolution (ADF): 600 DPI x 600 DPI (Horizontal x Vertical)				
		Scanning Resolution: 600 DPI x 600 DPI (Horizontal x Vertical)				
		Output Resolution: 50 - 1,200 dpi (in 1 dpi increments)				
		Scanner Bit Depth (Colour): 48-bit input, 24-bit output				
		Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output				
		Scanner Bit Depth (Black & White): 16-bit input, 1-bit output				
		Min Document Size: 50.8 x 50.8 mm				
		Max Document Size: 216 x 1,828.8 mm				
		Supported Paper Weight: 35 - 270 g/m ²				
		ADF Capacity: 1 sheet				
		Daily Scan Volume: Up to 300 sheets / day				
		Interface: USB 2.0 (Micro-B), Wi-Fi				

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		Application: Small & Compact, General Office				
		Scan Speed:				
		Resolution (Colour / Monochrome):				
		200dpi: 4.0sec (Battery) / 5.5sec (USB Bus powered)				
		300dpi: 4.0sec (Battery) / 5.5sec (USB Bus powered)				
		600dpi: 9.0sec (Battery) / 9.0sec (USB Bus powered)				
		Supported OS and Applications:				
		Supported OS: Windows XP / Vista / 7 / 8 / 8.1 / 10 / Server 2003 / Server 2008 / Server 2012 / Server 2016 & Mac OS X 10.6.8 or later				
		Bundled Applications: Software for Scanning				
		File Format: ScanSmart: JPEG, PDF, Searchable PDF, DOCX, XLSX, PPTX*3				
		Mobile App: DocumentScan (iOS / Android)				
		Control Panel:				
		Control Panel: LCD Screen				
		Connectivity:				
		Interfaces: Wireless LAN IEEE 802.11a/b/g/n, Hi-Speed USB - compatible with USB 2.0 specification, Wi-Fi Direct				
		What's In The Box:				
		Scanner Main unit				
		USB Cable (Micro-B)				
		Software CD				
		Setup Guide				

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		Cleaning Sheet				
		Calibration Sheet				
		Warranty: 1 Year Parts & Service				
3	1	BRANDED AND BRAND NEW UPS 650VA				
		Output				
		Output power capacity: 325Watts / 650VAMax				
		Configurable Power (Watts): 325Watts / 650VA				
		Nominal Output Voltage: 230V				
		Output Frequency (sync to mains): 50/60 Hz +/-1 Hz				
		Topology: Line Interactive				
		Waveform type: Stepped approximation to a sinewave				
		Output Connections: (2) Universal Receptacle (Battery Backup)				
		Transfer Time: 4ms typical: 6ms maximum				
		Input				
		Nominal Input Voltage: 230V				
		Input frequency: 50/60 Hz +/- 3 Hz (auto sensing)				
		Input Connections: NEMA 5-15P				
		Cord Length: 1.22meters				
		Input voltage range for main operations: 180 - 270V				

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		Number of Power Cords: 1				
		Type of Input Protection Required: gL fuse				
		Maximum Input Current: 5.0A				
		Input Power Factor at Full Load: 0.5				
		Batteries & Runtime				
		Battery type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof				
		Included Battery Modules:1				
		Typical recharge time: 4hour(s)				
		Expected Battery Life (years): 2 - 4				
		Runtime: View Runtime Manual Table:				
		Efficiency: View Efficiency Graph				
		Communications and Management				
		Control panel: LED Status display with On Line: On Battery				
		Audible Alarm: Alarm when on battery: distinctive low battery alarm: overload continuous tone alarm				
		Surge Protection and Filtering				
		Surge energy rating: 160Joules				
		Conformance				
		Equipment protection policy: No EPP for ASEAN				
		Standard warranty: 2 years repair or replace				

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4	1	BRANDED AND BRAND NEW MEMORY CARD MODULE				
		Memory amount: 8192MB; 2Rx8 1G x 64-Bit CL9 240-Pin DIMM				
		DIMM type: DDR3-1333				
		DIMM pins: 240-pin				
		Module name: PC-10600				
		I/O Bus clock: 666MHz				
		Memory clock: 166MHz				
		CL(IDD): 9 cycles				
		Row Cycle Time (tRCmin): 49.5ns (min.)				
		Refresh to Active/Refresh Command Time (tRFCmin): 260ns (min.)				
		Row Active Time (tRASmin) 36ns (min.)				
		Maximum Operating Power 2.460 W*				
		UL Rating: 94 V – 0				
		Operating Temperature 0 to 85 degree Celcius				
		Storage Temperature -55 to +100 degree Celcius				
RoHS compliant						
Must be compatible in Acer Veriton X4630G Desktop PC						
Warranty: 1 year on parts and services						

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	2	BRANDED AND BRAND NEW GRAPHIC CARD				
		GPU: Nvidia GeForce GT 1030				
		Core name: GP 108-310				
		DRAM type: GDDR5				
		Cuda Core: 384 units				
		Memory Bandwidth: 48GB/s				
		Memory amount: 2048MB				
		Memory clock: 6000MHz				
		Boost Clock: 1468MHz				
		Graphics clock: 1227MHz				
		OpenGL: 4.5				
		Bus Support: PCIe 3.0 x4				
		DirectX: 12				
		DVI: Single-link DVI-D				
		HDMI: HDMI 2.0				
		Maximum Digital Reslution: 4096x2160 @ 60Hz				
		Graphic card power: 30W @ 300W Recommended system power				
		NVIDIA pascal, Adaptive Vertical Sync, Cuda Tech., PhysX-ready, Vulkan API, GPU Boost and MFAA Technology; including Manual, Driver Disc				
		Warranty: 1 year on parts and services				

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	3	BRANDED AND BRAND NEW POWER BANK				
		Battery: 12,000mAh Lithium-ion				
		Battery Capacity: 12,000mAh (37Wh)				
		Input (micro USB): 5VDC, 1A Max				
		Output (USB): 5VDC, 2.1A Max				
		Product Dimensions: 103mm x 83mm x 23mm (L x W x H)				
		Product Weight: 236 grams				
		Battery Cycle Life: 500 times				
		Lithium Battery Voltage: 3.7 V				
		Number of Lithium-ion Cells: 4				
		Power Pack charge up times (approx.): AC charging: 14.5 hours; PC/USB charging: 29 hours				
		Fire resistant shell				
		Pack Contents:12,000mAh Power Pack, 2pcs USB to Micro USB Cable, User Guide				
		Warranty: 1 year on parts and services				
	4	BRANDED AND BRAND NEW UNINTERRUPTED POWER SUPPLY				
		Output power capacity and Max Configurable Power (watts): 660W/1.1kVA				
		Nominal Output Voltage: 230V				
		Output Frequency (sync to mains): 50/60Hz +/- 3Hz				
		Output Frequency (not synced): 50/60 Hz +/-1 Hz				

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		Topology: Line Interactive				
		Transfer time: 8ms typical : 10 ms maximum				
		Nominal Input Voltage: 230V				
		Input frequency: 50/60 Hz +/- 3 Hz (auto sensing)				
		Input Connections: IEC-320 C14, NEMA 5-15P				
		Cord Length:1.22meters				
		Input voltage range for main operations: 150 - 280 V				
		Number of Power Cords:2pcs				
		Maximum Input Current: 5.0A				
		Battery type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof				
		Typical recharge time: 8hour(s)				
		Expected Battery Life (years):2 – 4 years				
		Interface Port(s):USB				
		Control panel:LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault				
		Audible Alarm: Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm				
		Surge energy rating:273Joules				
		Data Line Protection:RJ-11 Modem/Fax protection				
		Filtering:Full time multi-pole noise filtering :10% of IEEE surge let-through : zero clamping response time: instantaneous				
		RoHS Compliant				
		Warranty: 1 year on parts and services				

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5	1	BRANDED AND BRAND NEW 1 G TRANSCEIVER SFP J4859D FOR ARUBA SWITCH					
		10 km (single mode)					
		1 year warranty					
	2	BRANDED AND BRAND NEW ENTHERNET CABLE CAT 6,					
		4 twisted pairs,					
		pure copper,					
		300m per box,					
		Belden brand or equivalent,					
		verified to UL performance category program					
	3	BRANDED AND BRAND NEW RJ 45 CONNECTOR					
		LAN category Cat 5e,					
		Cat 6,					
		100 pieces per box,					
		verified to UL performance category program					
	4	Nylon cable ties # 8, 100 pieces per pack					

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	5	Fiber patch cord 2 m, single mode, LC to SC.				
	6	NETSHELTER 6U WALL MOUNT CABINET RACK				
		dimension HxWxD (35.6 cmx60cmx40cm)				
		with front door key/lock,				
		black				
	7	UR SPLICE CONNECTOR				
		2 port single tounge,				
		telephone wire connector conduct diameter 0.4mm-0.9mm,				
		plastic casing,				
		100 pieces per pack				
	8	RG 6 coax cable				
		with solid copper core/inner conductor and 95 % copper braiding,				
		75 ohms impedance PVC jacket,				
		300 meters per box				

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6	1	BRANDED AND BRAND NEW UPS 650VA Output Output power capacity: 325Watts / 650VAMax Configurable Power (Watts): 325Watts / 650VA Nominal Output Voltage: 230V Output Frequency (sync to mains): 50/60 Hz +/-1 Hz Topology: Line Interactive Waveform type: Stepped approximation to a sinewave Output Connections: (2) Universal Receptacle (Battery Backup) Transfer Time: 4ms typical: 6ms maximum Input Nominal Input Voltage: 230V Input frequency: 50/60 Hz +/- 3 Hz (auto sensing) Input Connections: NEMA 5-15P Cord Length: 1.22meters Input voltage range for main operations: 180 - 270V Number of Power Cords: 1 Type of Input Protection Required: gL fuse Maximum Input Current: 5.0A Input Power Factor at Full Load: 0.5				

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		Batteries & Runtime				
		Battery type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof				
		Included Battery Modules:1				
		Typical recharge time: 4hour(s)				
		Expected Battery Life (years): 2 - 4				
		Runtime: View Runtime Manual Table:				
		Efficiency: View Efficiency Graph				
		Communications and Management				
		Control panel: LED Status display with On Line: On Battery				
		Audible Alarm: Alarm when on battery: distinctive low battery alarm: overload continuous tone alarm				
		Surge Protection and Filtering				
		Surge energy rating: 160Joules				
		Conformance				
		Equipment protection policy: No EPP for ASEAN				
		Standard warranty: 2 years repair or replace				
	2	BRANDED AND BRAND NEW WI-FI DUPLEX ALL IN ONE INK TANK WITH ADF				
		Printer Type: Print, Scan, Copy with ADF				
		Printing Technology:				
		Print Method: Precision Core Printhead				

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		Minimum Ink Droplet Volume: 3.3 pl				
		Printer Language: ESC / P-R				
		Print Direction: Bi-directional printing, Uni-directional printing				
		Nozzle Configuration: 400 nozzles Black, 128 nozzles per colour (Cyan, Magenta, Yellow)				
		Maximum Resolution: 4800 x 1200 dpi (with Variable-Sized Droplet Technology)				
		Automatic 2-sided printing: Yes (up to A4)				
		Print Speed:				
		Photo Default - 10 x 15 cm / 4 x 6 " #3: Approx. 69 sec per photo (Border) / 92 sec per photo (Borderless)				
		Draft, A4 (Black / Colour): Up to 33 ppm1 / 20 ppm2				
		ISO 24734, A4 Simplex (Black / Colour): Simplex: Up to 15 ipm / 8.0 ipm, Duplex: 6.5 ipm / 4.5 ipm				
		Copy Speed:				
		ISO 29183, A4, Simplex (Black / Colour): Simplex: Up to 11 ipm / 5.5 ipm				
		Copy Quality: Normal / Best quality				
		Maximum Copies from Standalone: 99 copies				
		Max Copy Resolution: 600 x 1200 dpi				
		Reduction/Enlargement: 25 - 400%, Auto Fit Function				
		Maximum Copy Size: A4, Letter				
		Scan Function:				
		Scanner Type: Flatbed colour image scanner				
		Sensor Type: CIS				

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		Optical Resolution: 1200 x 2400 dpi				
		Maximum Scan Area: 216 x 297 mm (8.5 x 11.7 ")				
		Scanner Bit Depth (Colour): 48-bit input, 24-bit output				
		Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output				
		Scanner Bit Depth (Black & White): 16-bit input, 1-bit output				
		Scan Speed (Flatbed / ADF (Simplex)):				
		Monochrome: 200 dpi 12 sec / 5.0 ppm				
		Colour: 200 dpi 27 sec / 5.0 ppm				
		ADF Specifications:				
		Support Paper Thickness: 64-95 g/m2				
		Paper Capacity: 30 pages (75 g/m2)				
		Warranty: 2 years warranty on parts and services				
	3	BRANDED AND BRAND NEW DESKTOP COMPUTER				
		Pre-loaded Operating System: Windows 10 Professional 64bit				
		Processor: Intel Core i7 7700 3.6GHZ, 8MB Cache, 4Cores, Kabylake 7th Generation				
		Chipset: Intel® H110				
		Memory: 8 GB (8GB x1) DDR4 2400 MHz				
		Hard Disk Drive: 1 TB 3.5-inch 7200 RPM				
		Audio: Integrated high-definition, 5.1-channel surround sound				

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		Networking/LAN: Gigabit Ethernet				
		Wireless LAN: Optional				
		Optical Drive: 16x DVD Writer (SATA)				
		Graphics Video Processor: 2GB Dedicated Graphics				
		Resolution: 1920 x 1080				
		Card Reader: Yes				
		Speaker: Internal Speaker				
		Power Supply: 300W				
		Standard I/O Ports				
		Front/Side I/O connectors				
		• Audio jack(s): 2				
		• USB 2.0 port(s): 2				
		• USB 3.0 port(s): 2				
		Rear I/O connectors				
		• D-Sub port(s): 1				
		• DVI port(s): 1				
		• HDMI port(s): 1 (out)				
		• Parallel port(s): 1				
		• COM port(s): 1				
		• LAN port(s): 1				

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		<ul style="list-style-type: none"> • PS/2 port(s): 2 				
		<ul style="list-style-type: none"> • Audio jack(s): 3 				
		<ul style="list-style-type: none"> • USB 2.0 port(s): 2 				
		<ul style="list-style-type: none"> • USB 3.0 port(s): 2 				
		Expansion Slot(s)				
		<ul style="list-style-type: none"> • Number of PCIe x16 slot(s): 1 				
		<ul style="list-style-type: none"> • Number of PCIe x1 slot(s): 2 				
		<ul style="list-style-type: none"> • Number of PCI slot(s): 1 				
		<ul style="list-style-type: none"> • M.2 slot (for WLAN): 1 				
		Dimension: 175 (W) x 429.5 (D) x 376.5 (H) mm (6.89 x 16.91 x 14.82 inches)				
		Keyboard & Mouse: USB Keyboard and USB Optical Mouse (1year warranty only)				
		Monitor: LED Monitor 21.5" Full HD				
		Warranty: 3 Years Parts and Labor				
7	1	BRANDED AND BRAND NEW NETWORK SWITCH, HPE J9984A#ABA				
		Network Management Type: Managed;				
		Ports & Interface: Primary Ports - 24 x RJ-45 Autosensing 10/100/1000 PoE+ Ports, 24 x RJ-45 Autosensing 10/100/1000 Ports, 4 x SFP 100/1000 Mbps Ports;				
		Buffer Memory: 1.5MB;				
		Power: Input Voltage: 100-127 / 200-240V AC, Rated (depending on power supply choosen);				
		Power Consumption: 481W (maximum);				

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OPENING OF BIDS:

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		Dimensions: 43.94 mm x 442.47 mm x 322.58 mm;				
		Weight: 4.40 kg.;				
		Consist of basic smart-managed, fixed-configuration Gigabit Ethernet Layer 2 switches 48-port Gigabit Ethernet switches and 48-port Gigabit PoE+;				
		Routing/Switching Capacity: 104 Gbps maximum;				
		Switching Capacity: 104 Gbps maximum;				
		Throughpu: 77.3 Mpps maximum;				
		PoE Capability: 370 W PoE+;				
		Management Features: Web Browser;				
		Power Cable and Quick Start Guide Included;				
		Warranty: 2 Years on Parts and Services				
	2	BRANDED AND BRAND NEW UTP CABLE				
		Cat5e with 4 twisted pair bare copper,				
		8 x 25 AWG solid copper conductors,				
		Polyvinyl Chloride Outer Jacket Material,				
		305 meters/1000 ft per box with cable markings and rip cord,				
		RoHS Compliant,				
		TIA/EIA-568-B.2-1 Verified,				
		UL Performance Category Program Certified				

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8	1	<p>BRANDED AND BRAND NEW MULTIFUNCTION PRINTER : FUNCTIONS: PRINT, COPY, SCAN, FAX PRINTER TYPE: Laser Printer PRODUCT DIMENSIONS (WIDTH X DEPTH X HEIGHT): 495 mm x 427 mm x 486 mm PRINT SPEED: Up to 40/42 ppm (ISO/IEC 11160-2:1996) PAPER TYPE: Paper Tray (Standard) : Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Thick Paper Multi-purpose tray (MP tray) : Plain Paper, Letterhead, Colored Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env. Thick PAPER SIZE: Paper Tray (Standard): A4, Letter, A5, A5 (Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal Multi-purpose tray (MP tray): Width: 76.2 to 215.9 mm Length: 127 to 355.6 mm MAXIMUM PAPER CAPACITY: Paper Tray (Standard): Up to 250 sheets of 80 g/m2 Plain Paper Multi-purpose tray (MP tray): Up to 50 sheets of 80 g/m2 Plain Paper Envelope: 10 envelopes up to 10 mm thick PRINT RESOLUTION: Up to 1,200 x 1,200 dpi PAPER INPUT - PAPER TRAY #1 - PAPER TYPE: Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Thick Paper PAPER INPUT - PAPER TRAY #1 – PORTRAIT: A4, Letter, A5, A5 (Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal PAPER INPUT - PAPER TRAY #1 - MAXIMUM PAPER CAPACITY: Up to 520 sheets of 80 g/m2 Plain Paper PAPER INPUT - PAPER TRAY #2 – PORTRAIT: A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal PAPER INPUT - MULTI-PURPOSE TRAY: Plain Paper, Letterhead, Colored Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env.Thin, Env.Thick</p>				

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		ADF INPUT PAPER TRAY MAXIMUM PAPER CAPACITY: 70 sheets				
		PAPER OUTPUT: Up to 150 Sheets of 80 g/m2 Plain Paper (face down delivery to the face down output paper tray)				
		SCANNER MAXIMUM DOCUMENT SIZE 1: Maximum 215.9 mm				
		SCANNER MAXIMUM DOCUMENT SIZE 2: Maximum 355.6 mm				
		MULTIPLE COPIES: Sorts/Stacks up to 99 pages				
		ENLARGE/REDUCE: 25 to 400% (in increments of 1%)				
		RESOLUTION: Maximum 1200 x 600 dpi				
		Connectivity - USB: Hi-Speed USB 2 - Use a USB 2.0 interface cable that is no more than 2.0 meters long.				
		Connectivity - LAN: 10Base-T / 100Base-TX /1000Base-T				
		WIRELESS LAN: IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode), IEEE 802.11g/n (Wi-Fi Direct™)				
		Scan: COLOUR SCANNING and MONOCHROME				
		COLOUR DEPTH – INPUT: 48 bit color Processing				
		COLOUR DEPTH – OUTPUT: 24 bit color Processing				
		GREYSCALE – INPUT: 16 bit color Processing				
		RESOLUTION – INTERPOLATED: Up to 19200 x 19200 dpi				
		RESOLUTION - SCANNER GLASS: Up to 1200 x 1200 dpi				
		RESOLUTION – ADF: Up to 600 x 600 dpi				
		SCANNING WIDTH - SCANNER GLASS: Maximum 210 mm				
		Fax: COMPATIBILITY:ITU-T Super Group 3				
		MODEM SPEED: 33,600 bps (with Automatic Fallback)				

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		SCANNING WIDTH (SINGLE-SIDED DOCUMENT): Maximum 208 mm				
		PRINTING WIDTH: Maximum 208 mm				
		GREYSCALE – MONO: 8bit / 256 levels				
		RESOLUTION (VERTICAL) - STANDARD – MONO 98 dpi				
		DISPLAY: 3.7" TFT Color LCD				
		MEMORY CAPACITY: 1 GB				
		Weight: 17.7 kg				
		Operation - POWER SOURCE: 220 to 240 V AC 50/60Hz				
		Operation - POWER CONSUMPTION – PRINTING: Approximately 645 W at 25 °C				
		Operation - POWER CONSUMPTION – READY: Approximately 34 W at 25 °C				
		Operation - POWER CONSUMPTION – SLEEP: Approximately 7.5 W				
		WIRELESS NETWORK SECURITY: WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)				
		Microsoft Windows, Mac OS and Linux compatible				
		Warranty: 2 years on parts and services				
9	1	BRANDED AND BRAND NEW 625VA UPS				
		Output				
		Output Power Capacity: 325 Watts / 625 VA				
		Max Configurable Power: 325 Watts / 625 VA				
		Nominal Output Voltage: 230V				

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		Efficiency at Full Load: 65.3%				
		Topology: Standby				
		Waveform Type: Square wave				
		Output Connections: (3) Universal Receptacle (Battery Backup)				
		Efficiency at Half Load: 75.8%				
		Input				
		Nominal Input Voltage: 230V				
		Input Frequency: 45 - 65 Hz				
		Input Connections: IEC-320 C14				
		Cord Length: 1.22 meters				
		Input voltage range for main operations: 151 - 299V				
		Maximum Input Current: 3A				
		Type of Input Protection Required: 3-pole breaker				
		Batteries & Runtime				
		Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof				
		Included Battery Modules: 1				
		Typical recharge time: 6 hour(s)				
		Extended Run Options: UPS 625VA, AVR, 230V, Universal Outlets, Medium, ASEAN,				
		Surge Protection and Filtering				
		Surge energy rating: 273 Joules				

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		Conformance				
		Standard Warranty: 2 years repair or replace				
		Sustainable Offer Status				
		RoHS: Compliant				
10	1	BRANDED AND BRAND NEW DESKTOP COMPUTER				
		Processor: 7th Generation Intel Core i3-7100 or Advance				
		Storage: 1TB SATA				
		Memory: 8GB (1X8GB) DDR4				
		Graphics: 2GB GDDR3 Independent				
		Display: 23-in Full HD IPS Monitor				
		Wired Keyboard & Mouse				
		Wireless: 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1				
		Optical Drive: Yes				
		Operating System: Windows 10 64bit				
		Ports				
		Audio combo jack				
		(2) USB 3.0 ports				
		Line in/out & mic				
		(4) USB 2.0 ports				

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		Ethernet port				
		Warranty: 3 years parts & service				
		All peripherals must be of the same brand.				
		Offered specification should be equal or better.				

Note: Please fill-up applicable columns.

Signature of Representative: _____

Name of Representative: _____

Position: _____

Company: _____

Address: _____

Telephone/ Fax: _____

Email: _____

End-user:

Signature over Printed Name