

TECHNICAL SPECIFICATION FOR:

DATE OF PREBID CONFERENCE:

DEADLINE FOR SUBMISSION OF BIDS:

OPENING OF BIDS:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

Wednesday, 2 October 2019 10:30 AM

Wednesday, 16 October, 2019 UNTIL 1:15 PM

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 UNSHIELDED TWISTED PAIR (UTP) CABLE				
		Category: CAT5e				
		Stranding; Material; No of Pairs: Solid; Bare Copper; 4				
		Gauge: 24 AWG				
		Frequency: 100 Mhz				
		Max. Conductor DCR: 93.8 Ohm/km				
		Max Capacitance unbalance: 330 pF/100m				
		Outer Jacket Material: PVC - Polyvinyl Chloride (0.190 inches) with ripcord				
		Max Pulling Tension: 25 lbs				
		Cable length per box: 305 meters (1000ft)				
		RoHS Compliant, TIA/EIA-568-B.2-1 Verified, UL Performance Category Program Certified				
		Cable outer jacket must have printed details and measurement				
		UL CERTIFIED				
		2	2	BRANDED AND BRAND NEW RJ45 CONNECTORS		
Applicable Standards: TIA/EIA-568C.2						
Max Current/Voltage: 2A/125V AC						
Contact resistance: 20m ohms						
Housing: polycarbonate						

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		Insulation resistance: 100M ohms				
		Color: Clear or Transparent				
		Weight: 6.8g/pcs				
		Certificate:CE,ROHS,ISO9001				
		100 pcs connectors per box				
	3	BRANDED AND BRAND NEW WIRELESS ACCESS POINT				
		Model: R310				
		Indoor 802.11ac				
		Smart meshing				
		Max PHY rate: 2.4GHz and 5 Ghz				
		Mounting kit, PoE injector and user's manual included				
		Warranty: 1 year on parts and services				
	4	BRANDED AND BRAND NEW DATA SWITCH				
		Power: Internal power supply				
		Miscellaneous: FCC Class A certified, CISPR 22 Class A, CISPR 24, EN 61000-3-2, IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, VCCI Class A ITE, EN 61000-3-3, EN55024, EN55022 Class A, UL 60950-1, IEC 60950-1, EN 60950-1, EN 60825, CSA C22.2 No. 60950-1				

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		managed - 8 x 10/100/1000 (PoE+) + 2 x combo Gigabit SFP - desktop, rack-mountable, wall-mountable - PoE+ (67 Watts)				
		Processor: 1 x ARM: 800 Mhz				
		RAM: 256 MB DDR3 SDRAM				
		Flash Memory: 128 MB				
		Voltage Required : AC 120/230 V (50/60 Hz)				
		Interfaces: 8 x 1000Base-T 10Base-T/100Base-TX/1000Base-T - RJ-45 - RJ-45 PoE+ 2 x 1000Base-T SFP (mini-GBIC) - RJ-45 2 x 10Base-T/100Base-TX/1000Base-T - RJ-45 - SFP 1 x console RJ-45 management 1 x USB Type B management				
		Package Contents: Managed Switch, User Guide and Manual, Rack-Mounting Kit and powercord included				
		Warranty: 1 year on parts and services				
2	1	BRANDED AND BRAND NEW EXTERNAL HARD DISK DRIVE				
		Rugged design, shock proof and dust proof,				
		1 TB 2.5"HDD USB 3.0 backward compatible with USB 2.0,				
		dimension 117x80x14.8,				
		weight : 170 grams				
		plastic and rubber material,				
		Warranty: 1 year on parts and services				

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	2	BRANDED AND BRAND NEW FLASH DRIVE				
		Capacity - 16GB				
		Dual Compatibility — USB 3.0 connectivity; backward compatible to USB 2.0				
		Dimensions 60mm x 21.2mm x10mm				
		Customizable1 — Co-Logo program available				
		Operating Temperature 32°F to 140°F (0°C to 60°C)				
		Storage Temperature -4°F to 185°F (-20°C to 85°C)				
		Speed3 6GB: 100MB/s read, 10MB/s write				
		Compliant — with USB 3.0 specifications>				
		Warranty: 1 year on parts and services				
	3	BRANDED AND BRAND NEW SD CARD				
		SD: microSDHC, 16 GB, write protected, water resistant,				
		Item weight - 9.07 g,				
		Product Dimensions - 1.5 x 1 x 0.1 cm,				
		Item model number - SDC10G2/ 16GB,				
		Series-SDC10G2/16GB Micro SDHC Class 10 UHS-I U1,				
		Color - Black				

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		Form Factor - microSDHC,				
		Computer Memory Type - DDR3 SDRAM,				
		Hard Drive Size - 16 GB, Hard Disk Technology				
		Memory Card, Voltage - 3.3 volts, Wattage - 70,				
		Operating System - Yes Supported Software, Mac OS X 10.10 Yosemite				
		Warranty: 1 year on parts and services				
	4	BRANDED AND BRAND NEW MONITOR				
		24 Inch IPS 1080p,				
		Ultra Slim Bezel,				
		Low Blue Light,				
		Flicker-free,				
		Speakers,				
		VESA ready,				
		HDMI				
		HDMI cable, power cable and User's Manual included				
		Warranty: 1 year on parts and services				

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	5	BRANDED AND BRAND NEW MONITOR				
		LED, 15.6" screen width, 200 cd/m2 brightness, includes DVI to VGA connector, 1366 resolution,				
		* Dimensions (H x W x D) 11.5" x 14.9" x 6.1" (with stand) 9.18" x 14.85" x 1.58" (without stand)				
		* Weight (Approximate) 2.4 lbs. (without stand) 2.9 lbs. (with stand),				
		* Screen Size -15.6" * Resolution - Full HD (1920 x 1080) * Aspect Ratio - 16:9				
		* Response Time - 6 ms GTG * Refresh Rate - 60 Hz				
		* Colour Support - 16.7 million				
		* Contrast Ratio - 100,000,000:1 * Brightness - 220 cd/m ² * Backlight - LED				
		* Viewing Angles - 90° Horizontal 60° Vertical * Ports & Connectors VGA				
		* Power - 8 W (ENERGY STAR ½ rating) 450 mW (standby)/350 mW (off)				
		* VESA Compatible (Yes)				
		Video data cable, power cable and User's Manual included				
		Warranty: 1 year on parts and services				
	6	BRANDED AND BRAND NEW MOUSE				
		Wireless, 10m range,				
		silent type,				
		1000 dpi sensor resolution,				

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		with 2D optical scroll wheel				
		1x AA battery,				
		Warranty: 1 year on parts and services				
	7	BRANDED AND BRAND NEW SET OF KEYBOARD AND MOUSE				
		Wireless, 2.4Ghz, 10m range,				
		Keyboard height - 186.7mm, width - 447.2mm, depth - 21.4mm, weight - 603 rgams:				
		Mouse - height - 105.4mm, width -67.9mm, depth - 38.4mm, weight - 86.4 grams:				
		System requirments - Windows Vista/Windows 7/ Windows 8/Windows 10, Chrome OS,				
		port - USB,				
		Battery life - 48 months,				
		battery type - 2 AAA.				
		Warranty: 1 year on parts and services				
	8	BRAND NEW OPERATING SYSTEM				
		Windows 10 Home OEM SL, 64-bit DVD Installer disc sealed with activation key included				
	9	IBM SPSS Software for interactive or batched statistical analysis, Size: 700MB CD Installer disc securely sealed				

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	10	BRANDED AND BRAND NEW KEYBOARD AND RIGHT HAND MOUSE				
		Wireless Combo Full-sized Keyboard with Palm Rest and Comfortable Right Handed Mouse. Warranty: 1 year on parts and services				
	11	BRANDED AND BRAND NEW MOUSE				
		Computer mouse, (~200-5000 DPI) 2 side buttons,				
		on the fly DPI button,				
		rubberized side grip,				
		dedicated software Logitech MK331 wireless mouse				
		Warranty: 1 year on parts and services				
	12	BRANDED AND BRAND NEW LASER POINTER				
		Up to 100-foot (30-meter) range,				
		Intuitive slideshow controls ,				
		Plug-and-play wireless receiver,				
		Built-in slideshow buttons ,				
		Storable plug-and-play receiver,				
		On/Off switch ,				
		Carrying case				

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		Warranty: 1 year on parts and services				
	13	BRANDED AND BRAND NEW NETBOOK				
		Processor: Intel HD graphics, celeron N2930 processor				
		display - 11.6" (29.46 cm) display, 1366 x 768 px				
		storage - 500 GB HDD				
		ram - 2 GB DDR3 RAM				
		Operating System: Windows 8				
		User's manual, DVD drivers, power adapter, power cord and netbook case included				
		Warranty: 1 year on parts and services				
	14	BRANDED AND BRAND NEW NETBOOK				
		Processor: Intel HD graphics, celeron N2930 processor				
		display - 11.6" (29.46 cm) display, 1366 x 768 px				
		storage - 500 GB HDD				
		ram - 2 GB DDR3 RAM				
		Operating System: Windows 8				
		User's manual, DVD drivers, power adapter, power cord and netbook case included				
		Warranty: 1 year on parts and services				
	15	BRANDED AND BRAND NEW MOUSE				
		Mouse optical USB connection type,				
		•Double-Click Button				

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		•No Tracking Ball to Clean,				
		•Precision Optical Sensor,				
		•4 Buttons,				
		•USB interface,				
		•1000 DPI,				
		•Plug and Play,				
		•Windows 2000, XP, 2003, Vista, 7, 8, Mac				
		•Words on most surfaces,				
		Warranty: 1 year on parts and services				
	16	BRANDED AND BRAND NEW POCKET WIFI				
		Pocket wifi, LTE ready (preferably globe), , Up to 16 simultaneous connections, 4+ hours of battery life, 1,500 mAh battery				
		Experience ultra-fast LTE speeds with Globe's Prepaid Mobile WiFi which comes with FREE 5GB of surfing for 7 days.,				
		First 5GB is FREE (Valid for 7 days),				
		Speed up to 42Mbps				
		Warranty: 1 year on parts and services				

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	17	BRANDED AND BRAND NEW INKJET PRINTER ALL -IN -ONE, PRINT, SCAN, COPY				
		Print Speed: Photo Default - 10 x 15 cm / 4 x 6 ": Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless)				
		Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm, ISO 24734				
		A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm				
		First Page Out Time from Ready Mode (Black / Colour): Approx. 10 sec / 16 sec				
		Copy Speed: Copy Quality: Colour / Black-and-White; Draft / Standard Maximum Copies from Standalone: 20 copies;				
		Maximum Copy Size: A4, Letter; ISO 29183, A4, Simplex (Black / Colour): Up to 7.0 ipm / 1.7 ipm,				
		Max Copy Resolution: 300 x 300 dpi,				
		Scan Function: Scanner Type: Flatbed colour image scanner,				
		Sensor Type: CIS, Optical Resolution: 600 x 1200 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 (Black / Colour): 200 dpi: 11 sec / 200 dpi: 32 sec;				
		Standard Paper Input Capacity: Up to 100 sheets-A4 / Letter Plain paper (80 g/m2)				
		Up to 20 sheets-Premium Glossy Photo Paper 10 sheets-Envelope, 30 sheets-Postcard;				
		Output Capacity: Up to 30 sheets, A4 plain paper 20 sheets				

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		Premium Glossy Photo Paper; Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")				
		Paper Feed Method:Friction feed				
		Paper Size: Legal, Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 4 x 6", Envelopes: #10, DL, C6				
		Print Margin: 0 mm top, left, right, bottom via custom settings in printer driver *2				
		Noise Level: PC Printing / Plain Paper Default: 6.5 B(A), 52 dB (A)				
		PC Printing/ Premium Glossy Photo Paper Best Photo: 5.2 B(A), 38 dB (A)				
		Dimensions (W x D x H): 375 x 347 x 179 mm ;				
		Weight:3.9 kg;				
		Copy Printing Technology: On-demand inkjet (Piezoelectric)				
		Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)				
		Print Direction: Bi-directional printing;				
		Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Size: 3 pl,				
		Printer Language: ESC / P-R , Automatic 2-sided printing: No Printer Software: Operating System Compatibility: Windows XP / Vista / 7 / 8 / 8.1 / 10 Windows Server 2003 / 2008 / 2012 / 2016, Only printing and scanning functions are supported for Windows Server OS, Mac OS X 10.6.8 or later Interface: USB -USB 2.0				
		Rated voltage : Ac 220-240 V, Rated frequency : 50-60Hz,				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				

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		Warranty: 1 year on parts and services				
	18	BRANDED AND BRAND NEW PRINTER				
		Printer, Functions : Printer only; Single Function Ink Tank				
		Power supply ; Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). High voltage: Input voltage 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)				
		Printing Specification :				
		Print technology ;Thermal Inkjet				
		Duplex printing ; Manual (driver support provided)				
		Print speed black (ISO) : Up to 8 ppm				
		Print speed color (ISO) : Up to 5 ppm				
		Print resolution (best) : Up to 1200 x 1200 rendered dpi				
		Maximum print area (metric) : 216 x 355 mm				
		Monthly duty cycle : Up to 1,000 pages				
		Print languages : HP PCL 3 GUI				
		Printer smart software features : Manual Duplex				
		System Requirements : Minimum system requirements for Windows : Microsoft® Windows® 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer.				
		Physical Dimension				

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		Maximum dimensions (W x D x H, metric) : 523 x 569.75 x 259.7 mm				
		Weight (metric) : 3.4 kg				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				
		Warranty: 1 year on parts and services				
	19	BRANDED AND BRAND NEW PRINTER				
		Physical Specification : Width - 17.2 inches (436 mm)				
		Depth - 16.0 inches (405 mm)				
		Height - 7.9 inches (199mm)				
		Net Weight - 11.6 lb (5.3 kg)				
		Black Print Speed - econo mode 270 cps at 10 cpi/ normal mode - 134 cps at 10 cpi				
		Black Print Speed - economode 5 pages per minute/ normal mode - 3 pages per minute/ best mode - 1 page per minute				
		Color Print Speed ; economode 1.5 pages per minute/ normal mode - 0.7 pages per minute/ best mode - 3 page per minute				
		Easy to use, no hassles:				
		Ability to quickly switch from single sheet to banner printing				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				
		Warranty: 1 year on parts and services				

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	20	BRANDED AND BRAND NEW PRINTER				
		multitasking supported, print technology laser,				
		Apple AirPrint; HP ePrint; Google Cloud Print 2.0; Mopria-certified; Wi-Fi Direct				
		Memory, standard - 256 MB				
		Input capacity - Up to 150 sheets				
		Output capacity - Up to 100 sheets				
		Media sizes supported (metric) - A4; A5; A6; B5 (JIS)				
		Media sizes supported (U.S. standard) - Letter; Legal; Executive; 8.5 x 13 in; envelopes				
		Media sizes, custom (metric) - 76 x 127 to 216 x 356 mm				
		Media sizes, custom (U.S. standard) - 3 x 5 to 8.5 x 14 in				
		Media types - Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards				
		Media weight supported (metric) - 60 to 163 g/m ²				
		Media weight supported (U.S. standard) - 16 to 43 lb				
		Automatic document feeder capacity - 35 sheets				
		Media size (ADF) - A4; Letter; Legal				
		Media weight supported, ADF (metric) - 70 to 90 g/m ²				
		Media weight supported, ADF (U.S. standard) - 18.5 to 24 lb				
		Media type and capacity, ADF - 35 sheets				

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		Maximum dimensions (W x D x H, metric) - 423.1 x 511.4 x 423.7 mm				
		Weight (metric) - 7.6 kg				
		Energy savings feature technology - HP Auto-on/Auto-off Technology				
		Power supply type - Internal				
		Power supply - voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 4.8 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 2.8 A				
		Power consumption watts (active printing), 4.2 watts (ready), 1.0 watts (sleep), 0.7 watts (Auto Off/Wake on USB, enabled at shipment)				
		Print technology - Laser				
		Duplex printing - Manual duplex				
		Print resolution (best) - Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality)				
		Maximum print area (metric) - 214 x 356 mm				
		Maximum print area (U.S. standard) - 8.4 x 14 in				
		Monthly duty cycle - Up to 10,000 pages				
		Print languages - PCLmS, URF, PWG				
		Printer smart software features - HP ePrint, Apple AirPrint™, Instant- on Technology, HP Auto-On/Auto-Off, JetIntelligence cartridges				
		Scan technology - CIS				
		Scan speed (normal) - Up to 11 ppm				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS, ACCESSORIES AND PERIPHERALS

DATE OF PREBID CONFERENCE:

Wednesday, 2 October 2019 10:30 AM

DEADLINE FOR SUBMISSION OF BIDS:

Wednesday, 16 October, 2019 UNTIL 1:15 PM

OPENING OF BIDS:

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		Scan resolution, hardware - Up to 300 x 300 dpi (color and mono, ADF); Up to 600 x 600 dpi (color, flatbed); Up to 1200 x 1200 dpi (mono, flatbed)				
		Levels of grayscale - 256				
		Bit depth - 24 bit				
		Duplex ADF scanning - No				
		Maximum flatbed scan size (metric) - 215.9 x 297 mm				
		Maximum flatbed scan size (U.S. standard) - 8.5 x 11.7 in				
		Minimum ADF scan size (metric) - 148.5 x 210 mm				
		Minimum ADF scan size (U.S. standard) - 5.85 x 8.27 in				
		Maximum ADF scan size (metric) - 215.9 x 297 mm				
		Maximum ADF scan size (U.S. standard) - 8.5 x 11.7 in				
		Twain version - Version 2.1				
		Minimum system requirements for Windows - Windows 10, 8, 7 (32-bit or 64-bit): 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista (32-bit only): 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; Windows XP SP3 or higher (32-bit only): any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8				

TECHNICAL SPECIFICATION FOR:

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UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Compatible network operating systems - Windows 10, 8, 7 (32-bit or 64-bit): 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista (32-bit only): 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; Windows XP SP3 or higher (32-bit only): any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Apple OS X v10.11 (El Capitan), v10.10 (Yosemite), v10.9 (Mavericks), 1 GB available hard disk space, Internet required, USB. Linux (For more information, see http://hplipopensource.com/hplip-web/index.html).				
		USB data cable, power cable, DVD drivers, demo toner and User's Manual included				
		Warranty: 1 year on parts and services				
	21	BRANDED AND BRAND NEW PRINTER				
		Printer, 3 in 1, print,copy,scan				
		Printing				
		Print Speed*1				
		Maximum Resolution 5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
		Photo Default - 10 x 15 cm / 4 x 6" *2 #3 Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless)				
		Simplex: Up to 10 ipm / 5.0 ipm				
		Approx. 10 sec / 16 sec				
		ISO 24734, A4 (Black / Colour)				

TECHNICAL SPECIFICATION FOR:

**UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS**

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		First Page Out Time (Black / Colour)				
		Draft Text - Memo, A4 (Black#1 / Colour#2) Up to 33 ppm / 15 ppm				
		Minimum Ink Droplet Volume 3 pl				
		Automatic 2-sided printing No				
		Printer Language ESC / P				
		Copy Speed				
		ISO 29183, A4, Simplex (Black / Colour) Up to 7.0 ipm / 1.7 ipm				
		Maximum Copy Resolution 300 x 300 dpi				
		Copy Quality Colour / Black-and-White; Draft / Standard				
		Maximum Copy Size A4, Letter				
		Scanner Type Flatbed colour image scanner				
		Sensor Type CIS				
		Grayscale 16-bit input, 8-bit output				
		Colour 200 dpi				
		Colour 48-bit input, 24-bit output				
		Monochrome 200 dpi 11 sec				
		Paper Feed Method Friction feed				
		Number of Paper Trays 1				

TECHNICAL SPECIFICATION FOR:

**UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS**

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		Up to 100 sheets-A4 / Letter Plain paper (80 g/m2)				
		Up to 20 sheets-Premium Glossy Photo Paper 10 sheets-Envelope, 30 sheets-Postcard				
		Input Capacity				
		Paper Hold Capacity				
		Up to 30 sheets, A4 plain paper				
		20 sheets, Premium Glossy Photo Paper				
		Output Capacity				
		Legal, Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm),				
		5 x 7", 4 x 6", Envelopes: #10, DL, C6				
		Paper Size				
		Maximum Paper Size 215.9 x 1200 mm (8.5 x 47.24")				
		Print Margin 0 mm top, left, right, bottom via custom settings in printer driver *3				
		Operating System Compatibility				
		Windows XP / Vista / 7 / 8 / 8.1 / 10, Windows Server 2003 / 2008 / 2012 / 20163				
		Only printing and scanning functions are supported for Windows Server OS				
		Mac OS X 10.6.8 or later				
		Electrical Specifications				
		Rated Voltage AC 220 – 240 V				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Rated Frequency 50 – 60 Hz				
		Operating 12 W				
		Sleep 0.4 W				
		Standby 3.9 W				
		Power off 0.3 W				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				
		Warranty: 1 year on parts and services				
	22	BRANDED AND BRAND NEW PRINTER				
		All in One (Scan, Print, Duplicate) Functions, Wireless and Network Printing Ready, Wi-Fi Direct and Wi-Fi Connectivity, Space Saving Design, Spill-Free Refiling, Cloud Printing Ready, Compact and Space Saver Design, Print, Scan, Copy, Fax with ADF				
		Print Speed:				
		Photo Default - 10 x 15 cm / 4 x 6 ":				
		Approx. 69 sec per photo (Border) / 90 sec per photo (Borderless) *1				
		Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm *1				
		ISO 24734, A4 Simplex (Black / Colour): Up to 10 ipm / 5.0 ipm *1				
		First Page Out Time from Ready Mode (Black / Colour): Approx. 10 sec / 16 sec *1				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS, ACCESSORIES AND PERIPHERALS

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		Copy Speed:				
		Copy Quality: Draft / Standard / Best Quality				
		Maximum Copies from Standalone: 99 copies				
		Reduction/Enlargement: 25 – 400 %, Auto Fit Function				
		Maximum Copy Resolution: 600 x 600 dpi				
		Maximum Copy Size: Legal ISO 29183, A4, Simplex (Black / Colour): Up to 7.7 ipm / 3.8 ipm				
		Print Direction:				
		Bi-directional printing				
		Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
		Minimum Ink Droplet Size: 3 pl				
		Printer Language: ESC / P-R				
		Automatic 2-sided printing: No				
		Interface: USB: USB 2.0				
		Network: Ethernet, Wi-Fi IEEE 802.11b/g/n, Wi-Fi				
		Network Protocol: TCP/IPv4, TCP/IPv6				
		Network Management Protocols: SNMP, HTTP, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SLP, WSD, LLTD				
		Printing Technology: On-demand inkjet (Piezoelectric)				
		Nozzle Configuration: 180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow)				

TECHNICAL SPECIFICATION FOR:

DATE OF PREBID CONFERENCE:

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OPENING OF BIDS:

**UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS**

Wednesday, 2 October 2019 10:30 AM

Wednesday, 16 October, 2019 UNTIL 1:15 PM

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		Dimensions and Weight:				
		Dimensions (W x D x H): 375 x 347 x 237 mm				
		Weight: 5.0 kg				
		Supported OS: Windows XP / Vista / 7 / 8 / 8.1 / 10 Windows Server 2003 / 2008 / 2012 / 2016				
		Only printing and scanning functions are supported for Windows Server OS Mac OS X 10.6.8 or later				
		Sensor Type: CIS				
		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)): 200dpi, Black: 12 sec / 4.5 ipm/ 200dpi, Colour: 29 sec / 4.5 ipm				
		ADF Specifications:				
		Support Paper Thickness: 64 – 95 g/m2				
		Paper Capacity: 30 pages (A4), 10 pages (Legal)				
		Fax Function:				
		Type Of Fax: Walk-up black-and-white and colour fax capability				
		Receive Memory / Page Memory: 1.1 MB, Page memory up to 100 pages				

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UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Error Correction Mode: ITU-T T.30				
		Fax Speed (Data Transfer Rate): Up to 33.6 kbps, Approx. 3 sec/page				
		Fax Features:				
		PC Fax (Transmission / Receive), Automatic Redial, Address book, Broadcast Fax (Mono Only), Transmit Reservation, Polling Reception				
		Mobile and Cloud Solutions:				
		Epson Connect Features: Epson iPrint, Epson Email Print, Remote Print Driver				
		Other Mobile Solutions: Apple AirPrint, Google Cloud Print, Mopria				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				
		Warranty: 1 year on parts and services				
	23	BRANDED AND BRAND NEW PRINTER				
		All-in-one printer with ink tanks; Print, Scan, Copy				
		Dimension (W x D x H): Factory configuration = Approx. 445 x 330 x 135mm:				
		Key feature: Wireless LAN, high yield ink bottle, integrated ink tank, hybrid ink system, auto power on/off and access point mode.				
		Power= AC 100 - 240V; 50 / 60Hz;				
		Interface=USB 2.0 Hi-Speed;				
		ISO print speed : 8.8 ipm (black)/ 5.0 ipm (colour)				

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		Prints a 4"x6" borderless photo in 60 seconds				
		Individual ink bottles (Black, Cyan, Magenta, Black) 2pL ink droplet size				
		Number of Nozzles:Total 1,472 nozzles				
		Wireless LAN Network Type IEEE802.11n / IEEE802.11g / IEEE802.11b				
		Paper size A4, A5, B5, Letter, Legal, 4 x 6", 5 x 7", Envelopes (DL, COM10), Custom size (width 101.6 - 215.9mm, length 152.4 - 676mm)				
		Ink Bottles=GI-790 (Black, Cyan, Magenta, Yellow)				
		Scanner Type = Flatbed Scanning Method CIS (Contact Image Sensor);				
		Optical Resolution*5 600 x 1200dpi				
		Scanning Bit Depth (Input / Output) Grayscale: 16 / 8-bit; Colour: 48 / 24-bit (RGB each 16 / 8-bit) ;				
		Line Scanning Speed*6 Grayscale:1.5ms/line (300dpi); Colour:3.5ms/line (300dpi)				
		Scanning Speed*7; Reflective: A4 Colour / 300dpi Approx. 19secs.				
		Maximum Document Size Flatbed: A4 / Letter (216 x 297mm)				
		USB data cable, power cable, DVD drivers, demo inks and User's Manual included				
		Warranty: 1 year on parts and services				
	24	BRANDED AND BRAND NEW SOLID STATE DRIVE				
		Capacity: 1TB				
		6GB/s Internal SSD				

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UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Warranty: 1 year on parts and services				
	25	BRANDED AND BRAND NEW UNINTERRUPTED POWER SUPPLY				
		With built in Automatic Voltage Regulator, Output Power Capacity: 650VA; Nominal Output Voltage: 230V, Input Frequency: 45-65Hz, Input 151-299V				
		Output power capacity ; 325Watts / 650VA				
		Max 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				
		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				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Type of Input Protection Required : gL fuse				
		Maximum Input Current : 5.0A				
		Input Power Factor at Full Load : 0.5				
		Battery type				
		Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof				
		Included Battery Modules 1				
		Typical recharge time : 4 hours				
		Maximum Height : 141mm , 14.1cm				
		Maximum Width : 101mm , 10.1cm				
		Maximum Depth : 300mm , 30.0cm				
		Net Weight : 4.33kg				
		Power cords included				
		Warranty: 1 year on parts and services				
	26	BRANDED AND BRAND NEW UNINTERRUPTED POWER SUPPLY				
		325 watts 625 Va, Universal socket				
		With Surge Protector Socket				
		* Nominal Output Voltage = 230V				

TECHNICAL SPECIFICATION FOR:

**UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
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		* Efficiency at Full Load = 65.3 %				
		* Output Frequency (not synced) = 50/60 Hz +/-1 Hz				
		* Topology, Line Interactive				
		* Waveform type Square wave				
		* Transfer Time = 4ms typical : 8ms maximum				
		* Input Connections - IEC-320 C14				
		* Cord Length -1.22meters				
		* Type of Input Protection Required - 3-pole breaker				
		* Battery type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof, Included Battery Modules1, Typical recharge time 6hour(s)				
		Floor with Universal Sockets,				
		With Sealed Maintenance Free Battery,				
		With Surge Protector Socket				
		Power cords included				
		Warranty: 1 year on parts and services				

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	27	BRANDED AND BRAND NEW UNINTERRUPTED POWER SUPPLY (1.4kVA OR BETTER)				
		700 watts, input/output voltage 230 V				
		max. configured Power (watts) - 700 watts				
		Output frequency (sync to mains) - 50/60Hz+/-1				
		topology line interactive waveform type				
		Stepped approximate to a sinewave output connection (2) IEC 320C13 battery backup				
		transfer time 8ms typical : 10 ms maximum				
		input frequency 50/60Hz+/-3Hz (auto sensing)				
		input connection : IEC-320C14, NEMA 5-15P				
		approximately 6 kg in weight,				
		Power cords included				
		Warranty: 1 year on parts and services				
	28	BRANDED AND BRAND NEW FLASH DRIVE				
		Capacity: 16 GB				
		Fully compatible with SuperSpeed USB 3.1 Gen 1 & Hi-Speed USB 2.0				
		Capless design with slide-out USB connector				
		Lightweight and compact				

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UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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		Lanyard / keyring loop				
		Exclusive Transcend Elite data management software				
		Warranty: 1 year on parts and services				
	29	BRANDED AND BRAND NEW FLASH DRIVE				
		• Capacity: 32GB				
		• Interface: micro-USB and USB 3.0 connectors				
		* Dimensions 60mm x 21.2mm x10mm				
		• Read Speed: up to 150MB/s				
		• Operational temperature: 32° - 95° F (0° - 35°C)				
		• Color : Gold				
		• Storage temperature: 14° - 158° F (-10° - 70° C)				
		• PC/Mac computer compatibility: Windows Vista®, 7, 8, 10, Mac OS X v10.6 and higher				
		• Mobile device compatibility: Automatically-detected when connected to an OTG-enabled smartphone or tablet. Requires Android™ smartphone or tablet with On-The-Go (OTG) compatibility.				
		Warranty: 1 year on parts and services				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

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	30	BRANDED AND BRAND NEW WIFI ADAPTER				
		Speedy and next generation Wi-Fi connections Supports Windows 8.1/8/7/XP, Mac OS X 10.7~10.10 and Linux				
		HARDWARE FEATURES				
		Interface USB 2.0 Dimensions (W x D x H) 3.7 x 1.0 x 0.4 in. (93.5 x 26 x 11mm)				
		Antenna Type Detachable Omni Directional (RP-SMA) Antenna Gain 3dBi				
		WIRELESS FEATURES Wireless Standards IEEE 802.11ac, IEEE 802.11a, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b				
		Frequency 5GHz 2.4GHz				
		Signal Rate 5GHz 11ac: Up to 433Mbps(dynamic) 11n: Up to 150Mbps(dynamic) 11a: Up to 54Mbps(dynamic)				
		Transmit Power <20dBm (EIRP)				
		Reception Sensitivity 5GHz: 11a 6Mbps: -94dBm 11a 54Mbps: -78dBm 11n HT20 MCS0: -94dBm 11n HT20 MCS7: -77dBm 11n HT40 MCS0: -92dBm 11n HT40 MCS7: -74dBm 11ac VHT80 MCS0: -89dBm 11ac VHT80 MCS9: -64dBm				
		Wireless Modes Ad-Hoc / Infrastructure mode				
		Wireless Security Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, 802.1x				
		Modulation Technology DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM, 256-QAM				
		System Requirements Windows 8.1 (32/64bits), Windows 8 (32/64bits), Windows 7 (32/64bits), Windows XP (32/64bits), Mac OS X 10.7~10.10, Linux				
		Environment Operating Temperature: 0°C~40°C (32°F~104°F)				
		Storage Temperature: -40°C~70°C (-40°F~158°F)				
		Operating Humidity: 10%~90% non-condensing				

TECHNICAL SPECIFICATION FOR:

UPLB-S-091-10-19, SUPPLY AND DELIVERY OF BRANDED AND BRAND NEW INFORMATION TECHNOLOGY PARTS,
ACCESSORIES AND PERIPHERALS

DATE OF PREBID CONFERENCE:

Wednesday, 2 October 2019 10:30 AM

DEADLINE FOR SUBMISSION OF BIDS:

Wednesday, 16 October, 2019 UNTIL 1:15 PM

OPENING OF BIDS:

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		Storage Humidity: 5%~90% non-condensing				
		Warranty: 1 year on parts and services				
	31	BRANDED AND BRAND NEW PRESENTER AND POINTER				
		Wireless, Presenter Mode, Built-in Class 2 Laser Pointer,				
		Intuitive touch-keys for easy slideshow control				
		Bright red laser pointer - easy to see against most backgrounds				
		Up to 50-foot wireless range for freedom to move around the room				
		2.4GHz RF Wireless Technology, Built-in docking bay stores receiver for easy pack up and portability				
		There's no software to install. Just plug the receiver into a USB port to begin. And when the show is over, you can store the receiver in the presenter				
		Warranty: 1 year on parts and services				
3	1	BRANDED AND BRAND NEW PORTABLE HARD DRIVE				
		Capacity: 1TB				
		Interface: USB 3.0				
		Warranty: 3 years				

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4	1	BRANDED AND BRAND NEW WI-FI ALL-IN-ONE INK TANK PRINTER				
		Printer Type:				
		Printer Type: Print, Scan, Copy				
		Printing Technology:				
		Print Method: On-demand inkjet (piezoelectric)				
		Minimum Ink Droplet Volume:3 pl				
		Printer Language: ESC / P-R				
		Print Direction: Bi-directional printing, Uni-directional printing				
		Nozzle Configuration: 180 nozzles Black, 59 nozzles per colour (Cyan, Magenta, Yellow)				
		Maximum Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)				
		Print Speed:				
		Photo Default - 10 x 15 cm / 4 x 6 " *2: Approx. 69 sec per photo (Border) *1m & Approx. 92 sec per photo (Borderless) *1				
		Draft, A4 (Black / Colour): Up to 33 ppm / 15 ppm *1				
		ISO 24734, A4 Simplex (Black / Colour): Up to 10.5 ipm / 5.0 ipm *1				
		Copy Speed:				
		Copy Quality: Draft / Standard				
		Maximum Copies from Standalone: 20 copies				
		Maximum Copy Size: A4, Letter				

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		ISO 29183, A4, Simplex (Black / Colour): Up to 7.7 ipm / 3.8 ipm				
		Max Copy Resolution: 360 x 360				
		Scan Function:				
		Scanner Type: Flatbed colour image scanner				
		Sensor Type: CIS				
		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 (Black / Colour): 200 dpi: 11 sec / 200 dpi: 28 sec				
		Paper Handling:				
		Number of Paper Trays: 1 (Paper Cassette)				
		Standard Paper Input Capacity: 100 sheets, A4 Plain paper (80g/m2) & 20 sheets, Premium Glossy Photo Paper				
		Output Capacity: 30 sheets, A4 Plain Paper & 20 sheets, Premium Glossy Photo Paper				
		Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24 ")				
		Paper Feed Method: Friction feed				

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		Paper Size: Legal, 8.5 x 13 ", Letter, A4, 195 x 270 mm, B5, A5, A6, 100 x 148 mm, B6, 5 x 7 ", 4 x 6 ", Envelopes #10, DL, C6				
		Print Margin: 0 mm top, left, right, bottom				
		Mobile and Cloud Solutions:				
		Connect Features: iPrint, Email Print, Remote Print Driver				
		Other Mobile Solutions: Google Cloud Print, Mopria Print Service				
		Noise Level:				
		PC Printing/ Premium Glossy Photo Paper Best Photo: 5.2 B(A) / 38 dB(A)				
		PC Printing / Plain Paper Default*4:6.4 B(A) / 51 dB(A)				
		Consumables:				
		Black Ink Bottle: 7,500 pages				
		Cyan Ink Bottle: 6,000 pages				
		Magenta Ink Bottle: 6,000 pages				
		Yellow Ink Bottle: 6,000 pages				
		Printer Software:				
		Operating System Compatibility:				
		Windows XP / XP Professional x 64 Edition - 10 Windows Server 2003 - 2016				
		Only printing and scanning functions are supported for Windows Server OS				
		Mac OS X 10.6.8 or later				

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		Interface:				
		USB: USB 2.0				
		Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct				
		Network Protocol: TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD				
		Warranty: 2 years or 30,000 pages, whichever comes first				
5	1	BRANDED AND BRAND NEW INK TANK WIRELESS ALL-IN-ONE PRINTER				
		Functions: Print, copy, scan, wireless				
		Print speed black:				
		ISO: Up to 8 ppm				
		Draft: Up to 19 ppm				
		Print speed color:				
		ISO: Up to 5 ppm				
		Draft: Up to 15 ppm				
		First page out (ready):				
		Black: As fast as 14 sec				
		Color: As fast as 18 sec				
		Duty cycle (monthly, A4):Up to 1000 pages				

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		Recommended monthly page volume:400 to 800				
		Print technology: Thermal Inkjet				
		Printer drivers included: PCL 3 GUI				
		Print quality (best):				
		Color: Up to 4800 x 1200 optimized dpi color				
		Black: Up to 1200 x 1200 rendered dpi				
		Display: 7 segment + icon LCD				
		Processor speed: 360 MHz				
		Number of print cartridges: 1 black bottle, set of 3 color bottles				
		Print languages: PCL 3 GUI				
		Connectivity				
		Wireless capability: Yes				
		Connectivity, standard: 1 Hi-Speed USB 2.0				
		Mobility				
		Mobile printing capability: Yes				
		Memory specifications				
		Memory, standard: Integrated				
		Maximum Memory: Integrated				

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		Paper handling				
		Paper handling input, standard: 60-sheet input tray				
		Paper handling output, standard: 25-sheet output tray				
		Duplex printing: Manual				
		Media sizes supported: A4, B5, A6, DL envelope Any size between 3 x 5" and 8.5 x 14"				
		Media sizes custom: 76.2 x 127 to 215 x 355 mm				
		Media types: Plain Paper, Photo Papers, Matte Brochure or Professional Paper, Matte Presentation Paper, Glossy Brochure or Professional Paper, Photo Inkjet Papers, Matte Inkjet Papers, Glossy Inkjet Papers				
		Media weights, recommended: 75 g/m ² (20 lb)				
		Media weights, supported: A4: 60 to 90 g/m ² , envelopes: 75 to 90 g/m ² , cards: up to 200 g/m ² , 10 x 15 cm photo paper: up to 300 g/m ²				
		Borderless printing: Yes, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)				
		Scanner specifications				
		Scanner type: Flatbed				
		Scan file format: JPEG, TIFF, PDF, BMP, PNG				
		Scan resolution, optical: Up to 1200 x 1200 dpi				
		Bit depth: 24-bit				
		Scan size, maximum: 216 x 297 mm				

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ACCESSORIES AND PERIPHERALS

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		Scan input modes: Scanning via Software				
		Scan speed (normal, A4): Up to 21 seconds				
		Copier specifications				
		Copy resolution (black text): Up to 600 x 300 dpi				
		Copy resolution (color text and graphics): Up to 600 x 300 dpi				
		Copy reduce / enlarge settings: fit to page				
		Copies, maximum: Up to 9 copies				
		WHAT'S IN THE BOX				
		Ink Tank Wireless; Black Ink Bottle, Cyan Ink Bottle, Magenta Ink Bottle, Yellow Ink Bottle, Black 6000 pages, Color 8000 pages; Software CD; Setup Poster; Power Cord; USB Cable.				
		CABLE INCLUDED: Yes, 1.8 m USB cable				
		SOFTWARE INCLUDED: Printer Software				
		WARRANTY: 2 years onsite or 20,000 pages whichever comes first				
6	1	BRANDED AND BRAND NEW DESKTOP COMPUTER (DESKTOP COMPUTER UNIT)				
		Operating system: Free DOS				
		Processor: 7th Generation Intel Core i3 7100 or Advance				
		Memory: 4 GB DDR4				
		Hard disk drive: 1TB				

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		Graphics: Intel HD Graphics 630				
		Audio: Integrated high definition, 5.1-channel surround sound				
		Networking/LAN: Gigabit Ethernet				
		With Optical drive				
		With Card reader				
		Standard I/O Ports				
		Front/Side I/O connectors				
		Audio jack(s)				
		USB 2.0 port(s)				
		USB 3.0 port(s)				
		Rear I/O connectors				
		D-Sub port(s)				
		DVI ports(s)				
		HDMI port(s)				
		LAN port(s)				
		PS/2 port(s)				
		Audio jack(s)				
		USB 2.0 port(s)				

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		USB 3.0 port(s)				
		Keyboard & Mouse: wired USB Keyboard and wired USB Optical mouse				
		Warranty: 3 Years Parts & Service				
		All peripherals must be of the same brand				
7	1	BRANDED AND BRAND NEW LAPTOP COMPUTER				
		Processor: 8th Generation Intel® Core™ i5-8265U or Advance				
		Memory: 4 GB DDR4 (1 x 4 GB)				
		Hard drive: 1 TB & 128GB SSD				
		Graphics: 2GB GDDR5 Independent				
		Display: 15.6" diagonal FHD IPS BrightView micro-edge WLED-backlit (1920 x 1080)				
		Wireless connectivity: Intel® Wireless-AC 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo				
		Network interface: Integrated 10/100/1000 GbE LAN				
		Expansion slots: card reader				
		External ports				
		USB Type-C™ 3.1 Gen 1 (Data transfer only, up to 5Gb/s)				
		USB 3.1 Gen 1				
		HDMI 1.4				

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		RJ-45				
		headphone/microphone combo				
		Battery: 41 Whrs or Higher				
		Webcam: HD Camera with integrated dual array digital microphone				
		Audio features: dual speakers w/ Audio Boost				
		Accessories: Laptop Bag, power adapter, dvd drivers, power cord				
		Warranty: 2 Years Parts & Service				
		All peripherals must be of the same brand.				
8	1	BRANDED AND BRAND NEW SHEET-FEED DOCUMENT SCANNER				
		SCANNER TYPE: Sheetfed				
		SCAN RESOLUTION, OPTICAL: Up to 600 dpi (color and mono, Sheet-feed)				
		DUTY CYCLE (DAILY): Recommended for 3,500 pages				
		BIT DEPTH: 24-bits external 48-bits internal				
		LEVELS OF GRAYSCALE: 256				
		MEDIA TYPES: Cut Sheet Paper, Printed Paper (Laser and ink), Pre-Punched Paper, Bank Checks, Business Cards, Freight Bills, Carbonless forms, Previously stapled media with staple removed				
		MEDIA WEIGHTS, SUPPORTED ADF: 40 to 413 g/m ²				
		SCAN FILE FORMAT: For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF				

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		SCAN INPUT MODES: One default scan mode on front-panel for scan in Win OS, HP Easy Scan/ICA in Mac OS and third parties applications via TWAIN, ISIS and WIA				
		SCANNER ADVANCED FEATURES: Auto-color detect, auto-crop, auto-exposure, auto orient, OCR, edge removal, background cleanup, remove hole, color drop out, straighten the page, scan to cloud, scan to email, PDF security, misfeed detection advance setting				
		CONTROL PANEL: Scan button, Cancel button, Power button with a LED and a LED for Error indication.				
		AUTOMATIC DOCUMENT FEEDER CAPACITY: 50 sheets of 75 g/m ² paper				
		AUTOMATIC DOCUMENT FEEDER SCAN SPEED: Up to 35 ppm/70 ipm				
		SCAN SIZE (ADF), MAXIMUM: 216 x 3100 mm				
		COMPATIBLE OPERATING SYSTEMS: OS X El Capitan 10.11, Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit				
		MAC COMPATIBLE: Yes				
		CONNECTIVITY, STANDARD: USB 2.0 and USB 3.0 (SuperSpeed)				
		TWAIN VERSION: TWAIN version 2.1				
		WARRANTY: 1 Year Parts & Service				
		WHAT'S IN THE BOX				
		Sheet-feed Scanner engine; Installation guide; Support flyer; Warranty guide; 2CDs; Power cord; USB cable; Power Adapter				
		SOFTWARE INCLUDED				

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		scan driver, TWAIN scan driver; Scan, Scanner Tools Utility, Nuance PaperPort (Win only), I.R.I.S Readiris, I.R.I.S Cardiris (Win only), EMC ISIS (Win only)				
		CABLE INCLUDED: Yes for all regions				

Note: Please fill-up applicable columns.

End-user:

Signature over Printed Name

Signature of Representative: _____

Name of Representative: _____

Position: _____

Company: _____

Address: _____

Telephone/ Fax: _____

Email: _____