

LOT 1: Laptops, Desktops, Screen, Projector, Printer and Risograph accessories

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
<p>END-USER 1: EPRPD</p> <p>1. Desktop</p>	<p>1</p>	<ul style="list-style-type: none"> • The supplier shall provide desktop with the following specifications: Latest 8th gen processor / 8GB / 1TB + 128 GB PCIe NVMe M.2 SSD / High end Graphics Card (2 GB GDDR5 dedicated) / 21.5-inch Display • Latest Operating System (OS) installed (licensed) (non-trial version) <p>GREEN SPECIFICATIONS:</p> <ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB Drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. 	
<p>2. Laptop</p>	<p>3</p>	<ul style="list-style-type: none"> • The supplier shall supply a laptop with the following specifications: 9.95mm chassis, 14" FHD IPS display, 890g weight, screen-to-body ratio to 92% with a L/R bezel width of just 2.57mm Latest 8th Gen processor, 16GB RAM and up to 512 GB PCIe SSD, up to 12 hours of battery life switch on and log in using the integrated fingerprint reader/power button and exercise precision USB Type-C ports, USB 3.1 Gen 2 and Display Port 1.2. Transfer data at up to 40 Gbps, support high-resolution monitors and power share with external devices. Strengthen your wireless signal wherever you go using Gigabit Wi-Fi with 2x2 MU-MIMO technology • Latest Operating System (OS) installed (licensed) (non-trial version) <p>GREEN SPECIFICATIONS:</p> <ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
3. Full mobile printer (portable)	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • The supplier shall supply portable printer with the following specifications: Printing Technology: 4-color (CMYK) drop-on-demand inkjet technology, Minimum Ink Droplet Size: 3 droplet sizes, as small as 3 picoliters, Maximum Print Resolution: 5760 x 1440 optimized dpi, • ISO Print Speed: Black: 6.7 ISO ppm, Color: 3.8 ISO ppm; Battery power, Black: 3.5 ISO ppm Color: 2.0 ISO ppm, Photo Print Speed: 4" x 6" borderless photo in as fast as 77 sec (max.), • Ink Type: Pigment ink (fade and water resistant) Ink Configuration: One individual Black ink cartridge, one Tri-color ink cartridge (Cyan, Magenta, Yellow) Replacement Ink: 215 Standard-capacity Black (T215120) (Yield, ISO pages – 250) 215 Standard-capacity Tri-color (Cyan, Magenta, Yellow (T215330) (Yield, ISO pages – 200); Fade Resistance / Print Longevity: Up to 118 years 	
4. Multi-function printer	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: <ul style="list-style-type: none"> - Printing technology: 4-color (CMYK) drop-on-demand inkjet technology - Minimum Ink Droplet Size: 3 droplet sizes, as small as 3 picoliters - Maximum Print Resolution: 4800 x 1200 dpi - Print Speed: Black: 33 ppm; Color: 20 ppm - ISO Print Speed: Black: 13.7 ISO ppm; Color: 7.3 ISO ppm - Ink Type: EcoTank Ink Bottles - Ink Palette: Cyan, Magenta, Yellow, Black - Ink Configuration: 4 individual ink bottles - Replacement Ink: 664 Black, Cyan, Magenta, Yellow - Ink Yield Information: ISO Yield, Black: 6,000, Color: 6,500 	

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END-USER 2: EZMD			
1. Laptop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall provide laptop with the following specifications: Processor Type- Latest 8th gen processor; Processor: Speed- 1.60 GHz; Processor Core- Quad-core Graphics Controller Model- UHD Graphics 620 Graphics Memory Technology - DDR4 SDRAM; Graphics Memory Accessibility-Shared; Screen Size- 35.6 cm (14"); Display Screen Type- LCD; Display Screen Technology - ComfyView, In-plane Switching (IPS) Technology; Screen Mode - Full HD; Backlight Technology- LED; Touchscreen- No; Screen Resolution- 1920 x 1080 Memory: Standard Memory- 8 GB; Memory Technology- DDR4 SDRAM; Number of Total Memory Slots- 1; Memory Card Reader- Yes; Memory Card Supported- SD Storage: Total Solid State Drive Capacity- 256 GB; Solid State Drive Interface- Serial ATA/600 Optical Drive Type- No; Wireless LAN Standard- IEEE 802.11ac; Built-in Devices: Microphone- Yes; Finger Print Reader- Yes; Number of Speakers- 2; Sound Mode- Stereo Interfaces/Ports: HDMI- Yes; Number of USB 2.0 Ports- 1; Number of USB 3.0 Ports- 2 Number of USB 3.1 Gen 1 Ports- 1; Total Number of USB Ports- 4; USB Type-C - Yes; USB Type-C Detail - USB Type-C port: USB 3.1 Gen 1 (up to 5 Gbps) Software: Operating System- Windows 10 Home (licensed); Operating System Architecture- 64-bit Input Devices: Pointing Device Type- TouchPad; Keyboard- Yes; Keyboard Backlight- Yes Battery Information: Number of Cells- 4-cell; Battery Chemistry- Lithium Ion (Li-Ion); Battery Capacity- 3320 mAh; Maximum Battery Run Time- 12 Hour Power Description: Maximum Power Supply Wattage- 45 W Physical Characteristics: Height- 18.7 mm; Width- 323 mm; Depth- 228 mm; Weight (Approximate)- 1.45 kg • Latest Operating System (OS) installed (licensed) (non-trial version) 	
2. High-end Laptop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>Specifications:</p> <ul style="list-style-type: none"> - Processor : Latest 9th Generation (12MB Cache, up to 4.5 GHz, 6 cores) - Memory: 16GB, 2x8GB DDR4, 2666MHz - Display: 15.6 inch FHD (1920 x 1080) IPS 144Hz Display - Graphic: High end Graphics with 6GB GDDR6 graphics memory - Storage: Hard Drive- 1TB 7200 rpm Hard Drive; Solid State Drive- 521 GB Solid State Drive - Keyboard: Standard full-size, spill-resistant keyboard with numeric keypad - Card Reader: 2-in-1 SD (UHS50) / MMC - Webcam: Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone - Networking: 802.11ac +Bluetooth 4.2, Dual Band 2.4 & 5 GHz, 2x2 - Interface: 1 x HDMI 2.0; 3 x USB 3.0 including 1 with Powershare; 1 x Noble Lock Slot; 1 x RJ45 LAN Jack for LAN Insert; 1 x Headphone/Mic; 1 x AC Adapter Plug - Audio: 2 tuned speakers plus 1 subwoofer; audio processing - Battery: 60 WHr, 4-Cell Battery (Integrated); - Power Adapter: 180 Watt AC Adapter - Dimensions: Height - 0.98" (24.95 mm) x Width- 15.32" (389mm) x Depth- 10.82" (274.7mm) - Weight: 5.5 lb (2.498 kg) <ul style="list-style-type: none"> • Latest Operating System (OS) installed (licensed) (non-trial version) 	

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4. Multi-function printer	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: <ul style="list-style-type: none"> - Printing technology: 4-color (CMYK) drop-on-demand inkjet technology - Minimum Ink Droplet Size: 3 droplet sizes, as small as 3 picoliters - Maximum Print Resolution: 4800 x 1200 dpi - Print Speed: Black: 33 ppm; Color: 20 ppm - ISO Print Speed: Black: 13.7 ISO ppm; Color: 7.3 ISO ppm - Ink Type: EcoTank Ink Bottles - Ink Palette: Cyan, Magenta, Yellow, Black - Ink Configuration: 4 individual ink bottles - Replacement Ink: 664 Black, Cyan, Magenta, Yellow - Ink Yield Information: ISO Yield, Black: 6,000, Color: 6,500 	

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END-USER 3: EMED			
1. Laptop	1	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall provide laptop with the following specifications: <ul style="list-style-type: none"> Processor Type- Latest 8th gen processor Processor Speed- 1.60 GHz; Processor Core- Quad-core Graphics Controller Model- UHD Graphics 620 Graphics Memory Technology - DDR4 SDRAM; Graphics Memory Accessibility-Shared; Screen Size- 35.6 cm (14"); Display Screen Type- LCD; Display Screen Technology - ComfyView, In-plane Switching (IPS) Technology; Screen Mode - Full HD; Backlight Technology- LED; Touchscreen- No; Screen Resolution- 1920 x 1080 Memory: Standard Memory- 8 GB; Memory Technology- DDR4 SDRAM; Number of Total Memory Slots- 1; Memory Card Reader- Yes; Memory Card Supported- SD Storage: Total Solid State Drive Capacity- 256 GB; Solid State Drive Interface- Serial ATA/600 Optical Drive Type- No; Wireless LAN Standard- IEEE 802.11ac; Built-In Devices: Microphone- Yes; Finger Print Reader- Yes; Number of Speakers- 2; Sound Mode- Stereo Interfaces/Ports: HDMI- Yes; Number of USB 2.0 Ports- 1; Number of USB 3.0 Ports- 2 Number of USB 3.1 Gen 1 Ports- 1; Total Number of USB Ports- 4; USB Type-C - Yes; USB Type-C Detail - USB Type-C port: USB 3.1 Gen 1 (up to 5 Gbps) Software: Operating System- Windows 10 Home (licensed); Operating System Architecture- 64-bit Input Devices: Pointing Device Type- TouchPad; Keyboard- Yes; Keyboard Backlight- Yes Battery Information: Number of Cells- 4-cell; Battery Chemistry- Lithium Ion (Li-Ion); Battery Capacity- 3320 mAh; Maximum Battery Run Time- 12 Hour Power Description: Maximum Power Supply Wattage- 45 W Physical Characteristics: Height- 18.7 mm; Width- 323 mm; Depth- 228 mm; Weight (Approximate)- 1.45 kg • Latest Operating System (OS) installed (licensed) (non-trial version) 	

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2. High-end Laptop	1	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>Specifications:</p> <ul style="list-style-type: none"> - Processor : 9th Generation (12MB Cache, up to 4.5 GHz, 6 cores) - Memory: 16GB, 2x8GB DDR4, 2666MHz - Display: 15.6 inch FHD (1920 x 1080) IPS 144Hz Display - Graphic: High end Graphics with 6GB GDDR6 graphics memory - Storage: Hard Drive- 1TB 7200 rpm Hard Drive; Solid State Drive- 521 GB Solid State Drive - Keyboard: Standard full-size, spill-resistant keyboard with numeric keypad - Card Reader: 2-in-1 SD (UHS50) / MMC - Webcam: Integrated Widescreen HD (720p) Webcam with Dual Array Digital Microphone - Networking: 802.11ac +Bluetooth 4.2, Dual Band 2.4 & 5 GHz, 2x2 - Interface: 1 x HDMI 2.0; 3 x USB 3.0 including 1 with Powershare; 1 x Noble Lock Slot; 1 x RJ45 LAN Jack for LAN Insert; 1 x Headphone/Mic; 1 x AC Adapter Plug - Audio: 2 tuned speakers plus 1 subwoofer; audio processing - Battery: 60 WHr, 4-Cell Battery (Integrated); - Power Adapter: 180 Watt AC Adapter - Dimensions: Height - 0.98" (24.95 mm) x Width- 15.32" (389mm) x Depth- 10.82" (274.7mm) - Weight: 5.5 lb (2.498 kg) • Latest Operating System (OS) installed (licensed) (non-trial version) 	
3. Multi-function printer	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: <ul style="list-style-type: none"> - Printing technology: 4-color (CMYK) drop-on-demand inkjet technology - Minimum Ink Droplet Size: 3 droplet sizes, as small as 3 picoliters - Maximum Print Resolution: 4800 x 1200 dpi - Print Speed: Black: 33 ppm; Color: 20 ppm - ISO Print Speed: Black: 13.7 ISO ppm; Color: 7.3 ISO ppm - Ink Type: EcoTank Ink Bottles - Ink Palette: Cyan, Magenta, Yellow, Black - Ink Configuration: 4 individual ink bottles - Replacement Ink: 664 Black, Cyan, Magenta, Yellow - Ink Yield Information: ISO Yield, Black: 6,000, Color: 6,500 	

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4. A3 printer	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: • Printer - Print, Wireless Functions - print, copy & scan Printing Specs - quality:best; display:2.65" CGD Display, IR TOUCH; processor speed: 700 MHz; with automatic paper sensor • Connectivity - mobile ePrint capacity, wireless, wifi direct & BLE • Scanner Specs - scan resolution: up to 600 dpi; scan size: 216 x 356 mm/8.5 x 14.0 in; file format supported: PDF, JPEG and Editable Text (OCR) formats • Copier Specs - copy resolution: up to 600 dpi; copy reduce/enlarge settings: 25-400 % 	
END-USER 4: EEED			
1. Desktop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall supply an All-in-ONE Desktop PC; full HD; atleast 23" screen; 4GB DDR4; SDRAM Memory, 1 TB 7200RPM SATA hard drive, 2MB Cache; HD graphics; connectivity: 4 x usb ports (USB 2.0 & USB 3.0); HDMI out, Wireless LAN 802.11a/b/g/n/ac (1x1); Latest Operating system; usb wired keyboard; wireless optical mouse; integrated speakers; 1-year warranty • Latest Operating System (OS) installed (licensed) (non-trial version) 	

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2. Laptop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall supply a laptop with the latest/highest CPU processor; GPU model 2GB GDDR5; 32 GB RAM; DDR4 Memory type; expendable memory to 32gb; with 2 memory slots; HDD, SDD memory storage type; tleast 15 inches display; wide view IPS level panel type; Connectivity HDMI , USB2.0 , USB3.0 , Bluetooth , Card Reader , S/PDIF , Camera , Microphone , 10 key , USB Type-C; latest OS; Battery 6-Cell, 41 Whr; Weight is 2.2 kg or less; free laptop bag; 1-year warranty • Latest Operating System (OS) installed (licensed) (non-trial version) 	
3. Projector	2	<p>Interactive; Touch Screen IWB; Full HD 1080p; Mini LED Projector; Android</p> <p>Portable; Education; DLP 4K; Business; Home Projectors WIFI</p> <p>1-year warranty; G20 touch screen projector support handwriting function through touch pen, · 8 Core CUP & 8 Core GPU, processing quickly; Home theater projector, large screen high brightness but not as harmful as TV</p> <p>· Double heat dissipation system</p>	
4. Battery powered LCD travel projector	2	<p>Lightweight and travel friendly - thin as a laptop; weighs just 4 lb; 3,200 lumens Color Brightness for more accurate, vivid color and 3,200 lumens White Brightness for well-lit rooms</p> <p>Sharp images - WXGA resolution (1280 x 800); offers 2x more resolution than SVGA for HD-quality presentations; Projector is compatible with PC and Mac computers;</p> <p>Includes a high-speed LAN module for wireless connectivity; Input Signal:</p> <p>NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM SDTV/HDTV</p> <p>Interfaces:</p> <p>1x HDMI</p> <p>Computer/component video: 1x D-sub 15 pin</p> <p>Composite video: 1x RCA</p> <p>USB Type A: 1x PC-free USB and other</p> <p>USB Type B: 1x USB Plug 'n Play</p> <p>Fan Noise:</p> <p>39 dB (Normal Mode), 30 dB (ECO Mode)</p> <p>Audio Output:</p> <p>1 W mono speaker</p>	

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5. Wireless battery operated portable printer	2	<ul style="list-style-type: none"> The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). The supplier shall supply products which contain user instructions for green performance management. The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. <p>Specifications also include: 4-color CMYK drop-on demand inkjet technology, pigment ink (fade and water resistant) ink palette; fade resistance/print longevity is up to 118 years; battery or AC powered; with charger and free 1 set ink; 1-year warranty</p>	
6. LED Smart TV (43 inches)	1	<p>Screen Size: 43" (108 cm) Resolution: 4K (3840 x 2160)Ultra HD 4K High Dynamic Range ClearAudio+ Android TV HDMI x 4, USB x 3; with AC Plug Converter, AC Power Adapter, AC Power Cord, Batteries, Operating Instructions, Quick Setup Guide, Table-Top Stand, Voice Remote Control</p>	
7. Professional microphone for laptop recording	2	<p>Polar patterns: Cardioid Connectivity: USB Frequency range: 20Hz-20kHz Features: Side-address, on-mic mix control, pop shield, tripod, zero-latency stereo headphone monitoring</p>	
8. Electric condenser omni microphone for videocam	1	<p>Features:</p> <ul style="list-style-type: none"> Directional shotgun video mic for Pro camcorders Super-cardioid pickup pattern with attenuation at the sides and maximum pick up in front of the microphone A short length of 6.5 inches allowing it be mounted to Pro camcorder's dedicated microphone mount while not intrude in the video frame Mic is powered by 48V phantom power with XLR output connector Come with standard windscreen and two rubber O rings for a perfect fit on your camcorder's mic mount <p>Specifications TransducerCondenser Polar PatternSuper-cardioid Frequency Response40Hz - 20kHz Dynamic Range (Typical)115dB Signal-to-Noise Ratio84dB Maximum Input Sound Level124dB Power requirement48V phantom power Dimensions6.5 x .88" (165 x 22mm)</p>	
9. Electronic signature pad	1	<ul style="list-style-type: none"> In ID card printing, can directly add an electronic signature to the front or back of the card Data signature capturing device for other documents offer a patented active pen to sign using electromagnetic technology (EMT) designed primarily for medium- to high-signing volumes that include more than 25 signatures per day, per signature pad and are built to withstand rough treatment feature LCD displays are protected with tempered glass for reliable, long-lasting use and come with a three-year warranty 	

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10. PS Kit FG10 Comcolor Finisher, FW Series	1	<ul style="list-style-type: none"> •Exclusively for ComColor FW 5230 FG10 Finisher •Supports a variety of operating systems •Can support PDF files printed directly from USB flash drives. •With page description language, support protocols and fonts 	
11. Ineo+ 284e Color DF-629 RADF (sorter, finisher for digital printer)	1	<ul style="list-style-type: none"> •Automatic document feeder •Capable of printing on both sides (options) •Up to A3 size document 	
12. Combo electric binding machine	1	dual electric and manual binding operation; 21-hole punching and ring binding machine	
13. Desktop Small UV Coating machine	1	<p>Features of uv coater</p> <ol style="list-style-type: none"> 1. available to various medium (non-watertight paper, waterproof paper, chrome paper, laser sheet, etc.) 2. The machine speed and medium thickness can be controlled. Press key can change glossing side and another side. 3. The important parts inside are used stainless steel with extraordinary reliability and effective cost to improve the picture sharpness and significantly reduce costs. 4. Designed with laminating rollers and laminating flexible settings, it can auto adapt to paper thickness of coating (0.2-5mm).Change rollers conveniently and fast with doctor blade .Rubber scraper clear and simple <p>Application of uv coater</p> <p>The machine is widely used in digital image, wedding photography gallery, color photo print, laser print, graphic output, digital printing, photo output, etc.</p> <p>Size: 18 inches</p> <p>Coating width: 480mm</p> <p>Coating thickness: 0.1-15mm</p> <p>Coating speed: 12m/min</p> <p>Voltage: AC220V/50HZ</p> <p>Max power: 2.2KW</p> <p>Dry System: go through IR light and then by UV light; with 1-year warranty; free UV coating liquid; with free training/demo on use</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
14. Wireless/Bluetooth vinyl cutting and embossing machine	1	<p>Maximum Cutting Area 12 in. x 24 in. (30.5 cm x 30.5 cm) with a cutting mat 12 in. x 10 ft. (30.5 cm x 3 m) with a lined media</p> <p>Maximum Media Thickness 78.75 mm (2 mm) Maximum Cutting Force 210 gf USB Port For reading and cutting saved files directly Compatible Media Types Vinyl, heat transfer material, cardstock, photo paper, copy paper, rhinestone template material, fabric, and more Interface USB 2.0 high speed Unit Dimensions 22.5 in. x 6 in. x 8.5 in. (57.2 cm x 15.2 cm x 21.6 cm) Unit Weight 8 lbs 15 oz Shipping Dimensions 23.5 in. x 11 in. x 8.5 in. (59.7 cm x 28 cm x 21.6 cm) Shipping Weight 12 lbs 13 oz Warranty One year parts and labor Included Standard Accessories: Power Cable 100–240 volts AC adapter (power cables are available for the United States, Canada, Europe, South Africa, Australia, and other regions) Cutting Blade Silhouette AutoBlade USB Cable High speed 2.0 12-inch Cutting Mat 12.75 in. x 13 in. (32.4 cm x 33 cm) Digital Cutting Files (online) 100 exclusive cutting designs Basic Design Subscription (online) One-month basic subscription</p>	
15. Small sized tarpaulin printing machine	1	<p>Print width up to 6.2 ft; production mode-226sq.ft/h; accuracy mode-180sq.ft/h; high resolution mode-140sq.ft/h; eco-solvent/water-based ink - four color (C/M/Y/K); tank volume is 1000ml per color; supply type is negative pressure CISS; media are-flex banner, vinyl sticker, photo paper, canvas, reflective materials, etc; can operate with latest operating system; network port printing; standard take up system; standard power supply; suction adjustment; heating system; front/rear heating fans; automatic cleaning; noiseless; durable printhead; automatic lift cap sation; easy maintenance design; brushless motor; high quality; driver-free and uncoded boards set; with free 1 roll tarpaulin; free 1 set eco-solvent ink; free 1 pack eyelet and eyelet puncher; atleast 1-year warranty and service; free training on use and troubleshooting</p>	
END-USER 5: EZMED			
1. Projector	1	<ul style="list-style-type: none"> • Native Resolution: 1024 x 768 • Native Aspect Ratio: 4:3 • Contrast Ratio: 15,000 : 1 <p>Key Features:</p> <ul style="list-style-type: none"> • Create the big screen experience. From box ets to business presentations • Bright even the ambient light. Equally high White and Colour Light Output of 3, 600 lumens • High-tech equipment • Long lasting solution • Portable and quick to set-up 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. Full mobile printer (portable)	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • The supplier shall supply portable printer with the following specifications: weighs 3.5lbs (1.59 Kg) and the dimensions are 12.2" x 9.1" x 8.5" (30.99 cm x 23.11 cm x 21.59 cm) in the printing state and 12.2" x 6.1" x 2.4" (30.99 cm x 15.49 cm x 6.1 cm) in its storage setting. Built into this compact size is a Micro USB (for charging and direct input into the computer) and an AC port. Charging on this device is simple, the AC Adapter provides 100-240V whereas the USB adapter provides 5V (based on USB 2.0). 	
END-USER 6: AFD			
1. Desktop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB Drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall provide items with the following specifications: latest 8th gen processor, 4GB DDR3 Memory, 1TB HDD, 22.5 FHD Monitor • Latest Operating System (OS) installed (licensed) (non-trial version) 	
2. Laptop	4	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall provide items with the following specifications: latest 8th gen processor, 8GB DDR3 Memory, 1TB HDD+128GB SSD, 15in FHD • Latest Operating System (OS) installed (licensed) (non-trial version) 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
3. LED Smart TV (43 inches)	1	LED Smart TV, FHD, 43in	
4. Desktop PC Barebone	1	Powered by latest 8th Gen Core processor with Dual-storage design with one M.2 PCIe 3.0 x4 SSD and one 2.5-inch HDD with memory support for high storage capacity Stackable, modular design — Easily add functionality with an graphics module or optical drive Comprehensive I/O ports including a configurable port to fit a wide range of business uses Compact, one-liter size metal chassis for a clutter-free workspace, plus vertical stand and VESA mount compatibility • Latest Operating System (OS) installed (licensed)	
5. High-powered UPS	4	3,000 VA, Surge & Battery Back-ups, 4 Universal Outlet Ports	
6. Wide monitor high-end desktop (38")	1	Latest 8th Gen Core processor, 8GB Memory, 2TB HDD + 128GB SSD, Graphics + 4GB, 38in FHD Monitor	
END-USER 7: OED			
1. Desktop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB Drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>MONITOR: Smart TV, 23 Inches, full HD CPU:</p> <ul style="list-style-type: none"> • 2.6 GHz - 0 MB •Type : PC barebone - mini PC; Platform Technology : Intel vPro Technology; •Processor : Latest 7th Gen / 2.6 GHz (3.5 GHz) (Dual-Core); •Processor Main Features : Hyper-Threading Technology, Execute Disable Bit, Enhanced SpeedStep Technology, Virtualization Technology, AES New Instructions; Storage Controller : SATA (SATA 6Gb/s); Optical Storage : No optical drive •Graphics Controller : Intel HD Graphics 620; Audio Output : 7.1 channel surround; •Networking : GigE, 802.11b, 802.11a, 802.11g, 802.11n, 802.11ac, Bluetooth 4.2 •Manufacturer Warranty : 3 years • Latest Operating System (OS) installed (licensed) (non-trial version) 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. High-end Desktop	3	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>13.3inch Infinity TOUCH display 4K UHD(3840X2160)</p> <ul style="list-style-type: none"> •-Quad Core, latest 8th gen processor, coffeelake QUADCORE (2.00GHZ Turbo up to 3.0GHZ) •-RAM 8GB; SSD 256GB nvme; UHD 620 (TOTAL 4GB); BACKLIT KEYS; USB TYPE-C •-USB3.1; WIFI; 720P HD camera; Batt life up to 7 hours; Windows Genuine 10 64bit (licensed); slim and light weight (1.21kg only) <p>Color: Rose Gold</p> <ul style="list-style-type: none"> • Latest Operating System (OS) installed (licensed) (non-trial version) 	
3. High-end Laptop	1	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>Processor : Latest 6th Generation Processor, 2.5GHz (4M Cache, up to 3.10GHz)</p> <ul style="list-style-type: none"> •Operating System : Windows 10 (licensed); Memory : 8GB Dual Channel LPDDR3 SDRAM at 1866MHz (On Board); Video Card : Integrated HD Graphics; Display : 13.3 inch QHD+ (3200 x 1800), Silver; Audio & Speakers : Stereo speakers professionally tuned; 1W x 2 = 2W total; Storage : 256GB PCIe Solid State Drive; Battery : 56Whr battery (built-in) •Battery is built-in to the laptop and is not replaceable by the customer. •A/C Adapter : 45W AC adapter; Camera : Widescreen HD (720p) webcam with dual array digital microphones; Wireless : 802.11ac + Bluetooth 4.1 • WiFi display capable, Smart Connect Technology; Dimensions : Height: 9-15mm (0.33 – 0.6"); Width: 304mm (11.98"); Depth: 200mm (7.88"); Weight : 1.2 kg (2.7lbs)2 non-touch, 1.29kg (2.9lbs)2 touch; Ports : 2 USB 3.0 (1 with PowerShare); Power In / Charging, PowerShare, 40Gbps Bi-Directional, USB 3.1 Gen 2 (10Gbps), Native DisplayPort 1.2 Video Output, VGA, HDMI, Ethernet and USB-A via Adapter (Sold Separately), Slots : 3-in-1 Card Reader (SD, SDHC, SDXC) • Noble Lock Slot, Camera : Widescreen HD (720p) webcam with dual array digital microphones, Software : Antivirus 12 month Subscription • Latest Operating System (OS) installed (licensed) (non-trial version) 	
4. Projector	1	<ul style="list-style-type: none"> •White and Colour Brightness at 3,600lm •More than Full HD (WUXGA) •Built-in Wi-Fi •2 x HDMI / MHL-enabled •10,000 hours lamp life in eco-mode 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
5. Full mobile printer (portable)	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • The supplier shall supply portable printer with the following specifications: Function: Print, Scan, Copy, Fax, ADF Function Compact integrated tank design Print speeds up to 10.5ipm for black and 5.0ipm for colour Wi-Fi & Wi-Fi Direct Borderless Printing up to A4 size Spill-free ink refilling/High-yield ink bottles 	
6. Multi-function printer	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: •Compact integrated tank design; Print speeds up to 15ipm for black and 8.0ipm for colour; Auto-duplex printing; ADF capability; Ethernet & Wi-Fi Direct; Borderless Printing up to A4 size; Spill-free ink refilling; Warranty of 2 years or 50,000 pages, whichever comes first; 3in1 (Print, Copy, Scan); Print Speed (CPM) 11-20ppm; Maximum Print Resolution 4800 x 1200 DPI; Printer Function Type 3in1 (Print, Copy, Scan); Double Sided Printing 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
7. Photocopier/fax machine	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply photocopier/fax machine with the following specifications: Photocopier -Printer -Scanner -FaxBasic Specs •-Up to 40 pages per minute speed •-Up to Legal size (short, A4, Long, Legal) •-Automatic back to back Print/Scan •-Dual Scanner •-Direct USB Scan/Print •-Wi-fi Ready •-Network Ready •-10.9cm display panel touch screen •Print Speed (CPM) •31ppm and up 	
3. LED Smart TV (43 inches)	1	<ul style="list-style-type: none"> *LED Smart TV *43 Inches Screen *Full HD *Signal inputs: 1 x HDMI, 1 x DVI & 1 x VGA *HDMI, DVI & VGA cable included *1 Year local manufacturer warranty 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
END-USER 8: DMO-South			
1. Desktop	5	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB Drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. • The supplier shall provide desktop with the following specifications: latest 8th gen processor, 9400F / 8GB / 1TB + 128 GB PCIe NVMe M.2 SSD /HIGH END Graphics (2 GB GDDR5 dedicated) / 21.5-inch Display • Latest Operating System (OS) installed (licensed) (non-trial version) 	
2. Laptop	7	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>The supplier shall supply a laptop with the following specifications: 9.95mm chassis, 14" FHD IPS display, 890g weight, screen-to-body ratio to 92% with a L/R bezel width of just 2.57mm Latest 8th Gen processor, 16GB RAM and up to 512 GB PCIe SSD, up to 12 hours of battery life switch on and log in using the integrated fingerprint reader/power button and exercise precision USB Type-C ports, USB 3.1 Gen 2 and Display Port 1.2. Transfer data at up to 40 Gbps, support high-resolution monitors and power share with external devices. Strengthen your wireless signal wherever you go using Gigabit Wi-Fi with 2x2 MU-MIMO technology</p> <ul style="list-style-type: none"> • Latest Operating System (OS) installed (licensed) (non-trial version) 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
3. High-end Laptop	1	<p>Insert the following Green Specifications in all computers, monitors, and laptops:</p> <ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>Processor : Latest 6th Generation, 2.5GHz (4M Cache, up to 3.10GHz) •Operating System : Windows 10 (licensed); Memory : 8GB Dual Channel LPDDR3 SDRAM at 1866MHz (On Board); Video Card : Integrated Intel HD Graphics; Display : 13.3 inch QHD+ (3200 x 1800) InfinityEdge touch display, Silver; Audio & Speakers : Stereo speakers professionally tuned; 1W x 2 = 2W total; Storage : 256GB PCIe Solid State Drive; Battery : 56Whr battery (built-in)</p> <ul style="list-style-type: none"> •A/C Adapter : 45W AC adapter; Camera : Widescreen HD (720p) webcam with dual array digital microphones; Wireless : 8260 2x2 802.11ac + Bluetooth 4.1 • WiFi display capable; Smart Connect Technology; Dimensions : Height: 9-15mm (0.33 – 0.6"); Width: 304mm (11.98"); Depth: 200mm (7.88"); Weight : 1.2 kg (2.7lbs)2 non-touch, 1.29kg (2.9lbs)2 touch; Ports : 2 USB 3.0 (1 with PowerShare); Power In / Charging, PowerShare, 40Gbps Bi-Directional, USB 3.1 Gen 2 (10Gbps), Native DisplayPort 1.2 Video Output, VGA, HDMI, Ethernet and USB-A via Adapter (Sold Separately), Slots : 3-in-1 Card Reader (SD, SDHC, SDXC) • Noble Lock Slot, Camera : Widescreen HD (720p) webcam with dual array digital microphones, Software : Antivirus 12 month Subscription • Latest Operating System (OS) installed (licensed) (non-trial version) 	
4. Printer	5	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: Wide Format All-in-One for large scan and brilliant borderless prints. Powered by Precision Core Print-shop quality - borderless prints up to 13" x 19" (A3+) Print Resolution - 4800 x 2400 dpi Versatile paper handling - 250-sheet tray, plus a rear feed for specialty paper; 125-sheet output tray Auto 2-sided print,copy,scan, and fax- plus 35-page Auto Document Feeder Easy navigation and control - intuitive 4.3" color touchscreen Ultimate wireless printing and networking- print from iPad, iPhone, Android Tablet and smartphones; includes Wi-Fi Direct, Ethernet, and NFC Large scans-easily scan up to 11" x 17" (A3) with 2-sided Auto Document Feeder Fast Printing-18 ISO ppm (black) and 10 ISO ppm (color); ideal for home office and small office productivity Operating System Compatibility: Windows 10 (32-bit,64-bit), Windows 8,8.1 (32-bit,64-bit), Windows 7 (32-bit,64-bit), Windows Server 2003 (SP2) - Windows Server 2016, Mac OS X 10.6.8 - Mac OS 10.12.x8 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
5. Multi-function printer	1	<ul style="list-style-type: none"> The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). The supplier shall supply products which contain user instructions for green performance management. The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. The supplier shall supply printer with the following specifications: Full A3 Capability(Print, Scan, Copy, Fax) MobileCompatible Printing and Scanning Android phones, iPhone, iPod Touch, or iPad) Superior Paper Handling Enjoy Lower Running Cost Improve Productivity and Save Time Supports Windows Vista, Windows 7, Windows 8, Windows, 10, Windows Server 2008, Windows 2008 R2, Windows Server 2012, Windows Server 2012 R2, MAC OS X v10.9.5/10.10.x / 10.11.x/ 10.11.x Supported Mobile OS: iOS, Android, Windows Phone Print Resolution: 1200 x 4800 dpi Wireless Support Security: WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA-PSK (TKIP/AES) 	
6. Photocopier/fax machine	1	<ul style="list-style-type: none"> The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). The supplier shall supply products which contain user instructions for green performance management. The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. The supplier shall supply printer with the following specifications: 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. 	
END-USER 9: DMO North			
1. Projector	1	3200 Lumens, HDMI Input, LAN, Speakers, USB, Mono, 10000 Hours, 15000:1, 1.3 to 1.56:1, 16:10, WXGA (1280x800), 2 Watts, White- with screen	
2. Full mobile printer (portable)	1	<ul style="list-style-type: none"> The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). The supplier shall supply products which contain user instructions for green performance management. The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. The supplier shall supply portable printer with the following specifications: Compact integrated tank design, High yield ink bottles, Spill-free, error-free refilling, Print, scan, copy, fax with ADF, Wi-Fi, Wi-Fi Direct, Borderless printing up to 4R 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
3. Multi-function printer	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: with Auto Reset Chip, CiSS or Continuous ink Supply System, with Dual Trays, Full A3 by Copy, Scan, Print and Fax, Wireless/ Wifi Direct, with AUTO RESET CHIPS to Maintain Continuous ink Supply System, with setup ready continuous ink supply system no ink, Wireless wide-format all-in-one for print-shop quality and versatility. 	
END-USER 10: DMO Calamian			
1. High-end Desktop	1	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>Windows 10 Home 64 (licensed) Latest 9th Generation processor High end graphics 4GB 16 GB memory; 2 TB HDD storage Keyboard and mouse:Wireless Keyboard with volume control and optical mouse nano-dongle kit Wireless technology:Integrated Bluetooth ® 4.2 and Wireless LAN 802.11a/b/g/n/ac featuring Dual-band (2.4GHz and 5GHz) 2x2 technology Dimensions (W X D X H): 24.21 x 7.48 x 17.98 in</p> <ul style="list-style-type: none"> • Latest Operating System (OS) installed (licensed) (non-trial version) 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. Laptop	2	<ul style="list-style-type: none"> • The suppliers shall supply ICT equipment which fulfils at least ENERGY STAR 6.1 for computers and 7.0 for monitors criteria. • The supplier shall supply products with a visible On/Off switch. • In case of desktop computers: The supplier shall supply products which are designed so that the memory, hard disk, USB drive, and CD drive are readily accessible and can be changed easily for upgrades. • The supplier shall supply notebooks and desktop computers where the availability of replacement batteries and power supplies is guaranteed for at least 5 years after end of production. • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. <p>PROCESSOR Type: Latest 8th gen processor; Speed:1.8GHz; Latest Operating System CPU:64bit GRAPHICS - Card: Intel MEMORY - RAM:8GB DISPLAY - Screen Resolution:1366 x 768pixels Screen Size:15.6" STORAGE - Storage Type:ssd Storage Capacity:250/500gb DESIGN - Weight:2.6kg Material:Aluminium</p> <ul style="list-style-type: none"> • Latest Operating System (OS) installed (licensed) (non-trial version) 	
3. Full mobile printer (portable)	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • The supplier shall supply portable printer with the following specifications: <p>First page out (ready)Black: As fast as 9.7 sec Color: As fast as 11.3 sec 8 Print quality black (best):600 x 600 dpi, Up to 38, 400 x 600 enhanced dpiDuty cycle (monthly, A4)Up to 50,000 pages Print technology:LaserPrint quality color (best):600 x 600 dpi, Up to 38, 400 x 600 enhanced dpiDisplay:2-line backlit LCD graphic displayProcessor speed:1200 MHz Number of print cartridges:4 (1 each black, cyan, magenta, yellow) Connectivity:Wi-Fi, Direct printing Memory specifications Memory, standard256 MB NAND Flash, 512 MB DRAMMaximum Memory:256 MB NAND Flash, 512 MB DRAM Paper handling input, standard:50-sheet multipurpose tray, 250-sheet input trayPaper handling input Power:110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz)220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) Dimensions and weight Minimum dimensions (W x D x H)412 x 453 x 295 mmWeight17.5 kg Package weight:20.7 kg</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
4. Printer	2	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: Wide Format All-in-One for large scan and brilliant borderless prints. Powered by Precision Core Print-shop quality - borderless prints up to 13" x 19" (A3+) Print Resolution - 4800 x 2400 dpi Versatile paper handling - 250-sheet tray, plus a rear feed for specialty paper; 125-sheet output tray Auto 2-sided print,copy,scan, and fax- plus 35-page Auto Document Feeder Easy navigation and control - intuitive 4.3" color touchscreen Ultimate wireless printing and networking- print from iPad, iPhone, Android Tablet and smartphones; includes Wi-Fi Direct, Ethernet, and NFC Large scans-easily scan up to 11" x 17" (A3) with 2-sided Auto Document Feeder Fast Printing-18 ISO ppm (black) and 10 ISO ppm (color); ideal for home office and small office productivity Operating System Compatibility: Windows 10 (32-bit,64-bit), Windows 8,8.1 (32-bit,64-bit), Windows 7 (32-bit,64-bit), Windows Server 2003 (SP2) - Windows Server 2016, Mac OS X 10.6.8 - Mac OS 10.12.x8 	
5. Multi-function printer	1	<ul style="list-style-type: none"> • The supplier shall supply products which comply with the latest version of the International ENERGY STAR requirements (currently version 2.0 for Imaging Equipment). • The supplier shall supply products which contain user instructions for green performance management. • The supplier shall supply products which must be capable of using recycled content paper without voiding the manufacturer's warranty. • The supplier shall supply products with a function to reduce the quantity of paper consumed, especially 2-side copying for all copiers with a monochrome printing/copying speed of 25 images per minute for A4 size paper. • 3 in 1 function (scanner, photocopy, , Multi-function printers: All-in-one ink tank system, duplex print, wifi direct, ADF & fax ready. • The supplier shall supply printer with the following specifications: Full A3 Capability(Print, Scan, Copy, Fax) MobileCompatible Printing and Scanning Android phones, iPhone, iPod Touch, or iPad) Superior Paper Handling Enjoy Lower Running Cost Improve Productivity and Save Time Supports Windows Vista, Windows 7, Windows 8, Windows, 10, Windows Server 2008, Windows 2008 R2, Windows Server 2012, Windows Server 2012 R2, MAC OS X v10.9.5/ 10.10.x / 10.11.x/ 10.11.x Supported Mobile OS: iOS, Android, Windows Phone Print Resolution: 1200 x 4800 dpi Wireless Support Security: WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA-PSK (TKIP/AES) 	

ICT EQUIPMENT

LOT 2: GPS, Camera, and accessories

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EPRPD			
1. Action camera (land and water) with casing and accessories	1	Video: 4K/60P; Max Video Bitrate: 100Mbps; Stabilisation: HyperSmooth 2.0 Fields of View: SuperView, Wide, Linear, Narrow; Shooting Modes: TimeWarp 2.0, Time Lapse, Night Lapse; Slo-Mo: 8x; Livestreaming: 1080p; GPS: Yes; Protune: Yes; Processor: GP1 Chip; Audio: 3-Mic Processing; Photos: 12Mp SuperPhoto (Improved HDR); LiveBurst: Yes; Dimension: 66.3x48.6x28.4mm; Mounting: 126g (no frame needed); Connectivity: USB-C, HDMI (only with Media Mod); Connectivity (Wireless): Wi-Fi, Bluetooth GoPro Mods Compatible: Yes; Battery: Removable 1220 mAh rechargeable Accessories: 64GB memory card Dual Battery Charger + Battery Mounts + Accessories Case Floating Hand Grip Hand + Wrist Strap	
END-USER 2: EZMD			
1. DSLR Camera with bag	1	Specifications - Megapixels: 24.2 Million - Sensor Size: 23.5mm x 15.6 mm - Image Sensor Format: DX - Storage Media: SD, SDHC, SDXC - Top Continuous Shooting Speed at Full Resolution: Up to 5 frames per second - ISO Sensitivity: ISO 100-25,600 - Movie: Full HD 1,920x1,080 / 60 fps Full HD 1,920x1,080 / 50 fps Full HD 1,920x1,080 / 30 fps Full HD 1,920x1,080 / 25 fps Full HD 1,920x1,080 / 24 fps HD 1,280x720 / 60 fps HD 1,280x720 / 50 fps Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options support both high and normal image quality - Monitor Size: 3.2 in. Diagonal - Monitor Type: Wide Viewing Angle, Vari-angle Touch TFT-LCD, Eye Sensor Control - Battery: EN-EL14a Rechargeable Li-ion Battery	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. Action camera (land and water) with casing	1	Specification - Video: 4K/60P - Max Video Bitrate: 100Mbps - Stabilisation: HyperSmooth 2.0 - Fields of View: SuperView, Wide,Linear, Narrow - Shooting Modes: TimeWarp 2.0, Time Lapse, Night Lapse - Slo-Mo: 8x - Livestreaming: 1080p - GPS: Yes - Protune: Yes - Processor: GP1 Chip - Audio: 3-Mic Processing - Photos: 12Mp SuperPhoto (Improved HDR) - LiveBurst: Yes - Dimension: 66.3x48.6x28.4mm - Mounting: 126g (no frame needed) - Connectivity: USB-C, HDMI (only with Media Mod) - Connectivity (Wireless): Wi-Fi, Bluetooth - Mods Compatible: Yes - Battery: Removable 1220 mAh rechargeable	
END-USER 3: EMED			
1. DSLR Camera	1	24.2MP DX-Format CMOS Sensor No Optical Low-Pass Filter 3.2" 1,037k-Dot Vari-Angle LCD Monitor Full HD 1080p Video Recording at 60 fps Multi-CAM 4800DX 39-Point AF Sensor Native ISO 12800, Extended to ISO 25600 5 fps Shooting at Full Resolution	
2. Action camera (land and water)	2	1/2.3" CMOS Sensor, Wide f/2.8 Lens Up to 4K60 Video, 12MP Still Photos Up to 3200 ISO, HDR Support Wide Dynamic Range in 4K30 Digital Video Stabilization Time-Lapse, Hyperlapse, Slow-Motion Mode Waterproof to 36' without a Housing Wi-Fi and Bluetooth Support Touchscreen Displays on Front and Back Records to microSD/SDXC/SDHC Cards	
END-USER 4: EED			
1. High Definition Video Camera	1	<ul style="list-style-type: none"> •3-chip XDCam •With electronic variable ND filter up to 1/128 •17x full manual control •Face detection autofocus system •Built-in WiFi connectivity •Cloud-based XD Cam air work-flow support •Dual MI shoe for battery video light & wireless mic system •With "heavy-duty" tripod, spare battery, video light with 1-year warranty; 4k 50p-60p recording capability; 12GB SDI; cellular capability; 17x zoom lens; advance face detection; with electret condenser mic (cable/plug included); with 5 pcs 124gb SD card included; 1 Extra spare battery included; with bag 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. Nikkor AF 28-300 mm zoom lens	1	NIKKOR 28-300mm Lens For Nikon Focal Length Range is 28 - 300mm Maximum Aperture is f/ 3.5-5.6 Format is FX/35mm with VR (Vibration Reduction) Image Stabilization with AF-S (Silent Wave Motor) Approx. Dimensions (Diameter x Length) is 3.26 in. (83 mm) x 4.5 in.	
3. Nikkor AF Fish Eye Lens	1	8-15mm Fish Eye Lens for Nikon Focal Length Range is 8 - 15mm Maximum Aperture is f/ 3.5-4.5 Format is FX/35mm With Nano Crystal Coat with AF-S (Silent Wave Motor) Approx. Dimensions (Diameter x Length) is 3.0 in. (77.5 mm) x 3.2 in. (83 mm) Approx. Weight is 17.2 oz.(485 g)	
END-USER 5: EZMED			
1. GPS	2	4" dual orientation, sunlight-readable, durable mineral glass display with multi-touch interface Available Android apps on Google Play 8 megapixel autofocus camera and 1080p HD video with automatic geotagging, LED flash/torch High-sensitivity GPS/GLONASS receiver for better positioning 3D MapMerge for multiple maps in 3-D	
2. 1 set CCTV Camera Connections IP CCTV Kit	1	4 IP66 1080p HD weatherproof security cameras (SDC-9441BC) HD (CH 1~4): Supports 1080p/720P/960H/D1/HD1/CIF recording 1TB of storage USB 2.0 and records using H.264 compression technology. Smartphone and PC ready. 24/7 Viewing Remote viewing With the network specific codec, network transfer enabled regardless of the recording conditions; with 1 monitor; with installation.	
END-USER 6: AFD			
1. DSLR Camera	1	18.0 Megapixel Hybrid CMOS AF Sensor, Vari-angle 3.0" Clear view LCD, 18-55mm Lens Kit	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
END-USER 7: OED			
1. Outdoor portable sound systems	1	LCD Display 2 Wireless Handheld Mic 12V DC IN 220V AC 5 Band Equalizer Rechargeable battery Mic input Guitar / Mic2 Input AUX/Line in USB port SD port FM Radio Remote control Power: 400 Impedance: 4~8 Ohms Sensitivity: 103dB/W/M Freq. Response: 40Hz~ 20kHz Dimension Woofer: 15" Tweeter: 11" x 8½" Cabinet (LxWxH): 450x335x695	
END-USER 8: DMO-South			
1. Action camera (land and water)	3	memory storage video capture: 3840 x 2160 p - 60 fps, 2704 x 1520 p - 120 fp, 2560 x 1440 p - 120 fps, 1920 x 1080 p - 240 fps Widescreen Video Capture, face detectionAF/AE, digital video format:H.264, H.265, HEVC; Max video solution 3840x2160; audio signal format:WAB; interfaces provided: HDMI, USB-C Navigation:GPS receiver; Camcorder sensor resolution: 12.0MP	
2. GPS	1	4" dual orientation, sunlight-readable, durable mineral glass display with multi-touch interface Available Android apps on Google Play 8 megapixel autofocus camera and 1080p HD video with automatic geotagging, LED flash/torch High-sensitivity GPS/GLONASS receiver for better positioning 3D MapMerge for multiple maps in 3-D	
END-USER 9: DMO North			
1. DSLR Camera	1	Full HD (60p or 30p – selectable) and HD (30p), capability to create 4K (@25p) movies and time lapses Instantly get social and share all your adventures from your camera via Wi-Fi and Bluetooth as it allows for a constant connection with your smart phone. •Incredible image quality in all situations thanks to a large 24.1 megapixel CMOS sensor •Find new angles high or low with the 3.0" Vari-angle Clear View LCD screen. Touch screen interface makes it easy and intuitive to change settings, select focus points and review images	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
2. Action camera (land and water)	1	12MP Photos, 4K60 Video: 1080p240, Waterproof: 33ft (10m), Voice Control, Touch Screen, 8x Slow Motion, GPS, HDR, HyperSmooth Video, Live Streaming.	
3. GPS	2	2.9" x 5.7" x 1.4" (7.48 x 14.42 x 3.64 cm); 2"W x 3.5"H (5.06 x 8.93 cm); 4" diag (10.2 cm); 272 x 480 pixels; bright, transreflective 65k color TFT, dual-orientation touchscreen; sunlight readable; 10.2 oz (289 g) with included lithium-ion battery pack; 11.7 oz (333 g) with 3 AA batteries (not included); rechargeable lithium-ion (included) or 3 AA batteries (not included); NiMH or Lithium recommended; up to 16 hours (lithium-ion); up to 22 hours (AA batteries); IPX7	
4. Outdoor portable sound systems	1	<ul style="list-style-type: none"> •DSEE upscaling restores quality to compressed files •FM radio, Bluetooth®/NFC, CD, and USB playback •DJ sound effects •Deep bass •Link systems with Party Chain •Analog Audio Input (1), Analog Audio Output (1), Microphone Input 2 (6φ), USB Port (1) •(W X H X D) 290 mm x 600 mm x 265 mm 	
END-USER 10: DMO Calamian			
1. DSLR Camera	1	26.2 Megapixel Full-frame CMOS Sensor, Optical Viewfinder with a 45-point All Cross-type AF System ¹ , Dual Pixel CMOS AF with Phase-detection & Full HD 60p, DIGIC 7 Image Processor, ISO 100-40000, Vari-angle Touch Screen, 3.0-inch LCD, Built-in Wi-Fi ^{®2} , NFC ³ , Bluetooth ^{®4} and GPS technology, High-speed Continuous Shooting at up to 6.5 fps, Dust- & Water-resistant, w/ EF-S 18-55mm IS STM Kit Lens Black	
2. Action camera (land and water)	1	<p>2-inch touch display, 12MP camera with HyperSmooth OIS up to 4K, 60fps video capture 8x slow motion, WiFi, Bluetooth, GPS, USB Type-C, 3.5mm audio jack, microHDMI port, Water resistance up to 10m, 1220mAh removable battery, 62.3 x 44.9 x 28.3 m, 116g</p> <ul style="list-style-type: none"> (1x) 64GB memory card (1x) Super Suit (Dive Housing) (2x) Anti-Fog Inserts (1x) Blue Water Dive Filter (For Super Suit) (1x) Green Water Dive Filter (For Super Suit) (1x) 3-Way (1x) El Grande (38in Extension Pole) (1x) Floating Hand Grip (1x) Camera Tethers (1x) Dual Battery Charger + Battery 	

LOT 3: Drone and Highly Technical Equipment

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EZMD			
1. Underwater drone with tablet and case (with training)	2	<p>Drone Specs: Dimensions: 383x331x143mm; Weight: ~3.9kg Maneuverability: 6 DOF (Degree of Freedom) Depth Capacity: 100m (328 ft) Maxx Cruise Speed: 3 Kn (1.5m/s) (still Water) Max Sailing Time: 4h (still water, L speed Mode) Thruster Configuration: 6 thrusters (2 horizon, 4 vertical) Battery: 97.2 Wh (12.6V 9000mAh) Camera: 12 MP, 4k UHD, Storage 32 - 64GB Lights: 4000 lumens; Live View: 720P 30/25fps/480P 25/30fps</p> <p>Tablet Specs: Screen: 12.9-inch (diagonal) Liquid Retina LED-backlit Multi-Touch display; Screen resolution: 2732 x 2048 px; Pixel density: 264 ppi Storage capacity: 64 GB/256 GB; RAM memory: 6 GB Battery: 36.71Wh rechargeable lithium-polymer battery, non-removable; Battery life: Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music on a single charge Charging: Charging via power adapter or USB-C to computer system Dimensions: 11.04 x 8.46 x 0.23 in / 280.6 x 214.9 x 5.9 mm Bluetooth: Yes; MicroSD slot: Yes; Ports & Connectors: USB-C or Smart Connector Main Camera: Single 12 MP, f/1.8, 29mm (standard), 1/3", 1.22µm, PDAF; Features: Quad-LED dual-tone flash, HDR, Face detection, panorama Video: 2160p@30/60fps, 1080p@30/60/120fps, 720p@240fps Selfie Camera: Single, 7 MP, f/2.2, 32mm (standard)</p>	
2. High resolution drone camera with tablet, extra battery, and accessories (with training)	1	<p>Drone Specs - Battery: 31 mins battery life (3.83V, 3850 mAh) - Weight: 900 g (2lbs.) - Charging time: 90+ mins. - Control range: 5 miles (8km) - Max flight time 31 mins - Max speed: 70.8 km/h (44 mph)</p> <p>Tablet Specs: Screen: 12.9-inch (diagonal) Liquid Retina LED-backlit Multi-Touch display; Screen resolution: 2732 x 2048 px; Pixel density: 264 ppi Storage capacity: 64 GB/256 GB; RAM memory: 6 GB Battery: 36.71Wh rechargeable lithium-polymer battery, non-removable; Battery life: Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music on a single charge Charging: Charging via power adapter or USB-C to computer system Dimensions: 11.04 x 8.46 x 0.23 in / 280.6 x 214.9 x 5.9 mm Bluetooth: Yes; MicroSD slot: Yes; Ports & Connectors: USB-C or Smart Connector Main Camera: Single 12 MP, f/1.8, 29mm (standard), 1/3", 1.22µm, PDAF; Features: Quad-LED dual-tone flash, HDR, Face detection, panorama Video: 2160p@30/60fps, 1080p@30/60/120fps, 720p@240fps Selfie Camera: Single, 7 MP, f/2.2, 32mm (standard)</p> <p>Accessories - 2 Flight Battery, Hard Case, Battery Charging Hub for Batteries, and Low Noise Propellers</p>	
END-USER 2: EMED			
1. High resolution drone with extra battery (with training)	1	<p>Specs: - Battery: 31 mins battery life (3.83V, 3850 mAh) - Weight: 900 g (2lbs.) - Charging time: 90+ mins. - Control range: 5 miles (8km) - Max flight time 31 mins - Max speed: 70.8 km/h (44 mph)</p> <p>Accessories: 2 Flight Battery Hard Case Battery Charging Hub for Batteries Low Noise Propellers</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
END-USER 3: EED			
1. 12 MP Drone with extra battery	1	<p>Aircraft Weight (including battery and propellers) 1380 g; Max Ascent Speed 6 m/s (Sport mode); supplier shall also supply drone with 1 extra battery included; 1 -year warranty Max Descent Speed 4 m/s (Sport mode); Max Speed 20 m/s (Sport mode); Max Service Ceiling Above Sea Level 19685 feet (6000 m); Max Flight Time Approx. 28 minutes; Operating Temperature 32° to 104° F (0° to 40° C); GPS Mode GPS / GLONASS</p> <p>Hover Accuracy Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m Diagonal Size (Excluding Propellers) 350 mm; Obstacle Sensory Range 2 - 49 feet (0.7 - 15 m) Operating Environment Surface with clear pattern and adequate lighting (lux > 15);</p> <p>Camera Sensor 1/2.3" Effective pixels:12.4 M; Lens FOV 94° 20 mm (35 mm format equivalent) f/2.8, focus at ∞; ISO Range - 100-3200 (video); 100-1600 (photo); Shutter Speed 8s -1/8000s Image Max Size 4000x3000; Still Photography Modes Single shot; Burst shooting: 3 / 5 / 7 frames; Auto Exposure Bracketing (AEB): 3 / 5 bracketed frames at 0.7 EV Bias; Time-lapse; HDR; Video Recording Modes; UHD: 4096x2160 (4K) 24 / 25p; 3840x2160 (4K) 24 / 25 / 30p; 2704x1520 (2.7K) 24 / 25 / 30p FHD: 1920x1080 24 / 25 / 30 / 48 / 50 / 60 / 120p; HD: 1280x720 24 / 25 / 30 / 48 / 50 / 60p; Max Video Bitrate 60 Mbps Supported File Formats FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW); Video MP4, MOV (MPEG-4 AVC/H.264) Supported SD Card Types Micro SD; Charger Voltage 17.4 V Rated Power 100 W; App / Live View; Mobile App EIRP 100mW Power Spectral Density 6.9mW/MHz; Live view; Working Frequency 2.4GHz ISM; Live View Quality 720P @ 30fps (depending on conditions and mobile device); Intelligent Flight Battery: Capacity 5350 mAh; Voltage 15.2 V; Battery Type LIPo 4S; Energy 81.3 Wh; Net Weight 462 g; Operating Temperature 14° to 104° F (-10° to 40° C); Max Charging Power 100 W</p>	
END-USER 4: EZMED			
1. Laser Distance Digital Range Finder Diastimeter Measuring Device Electronic Bubble Levels 198ft/60m	2	<p>Touchscreen,Pointfinder with 4x zoom, Overview camera, Measure with a picture, Precise 360° tilt sensor,Smart Horizontal Mode, Height tracking, Bluetooth Smart,Free uploading and downloading app,Li-Ion battery, Electronic Bubble Levels 198ft/60m, Allows targeting and measuring at great distances (up to 200 m), even when you cannot see the laser dot, allows you to shoot over obstacles so you can measure the level horizontal distance to your target.</p>	
2. Night vision binocular	2	<p>Low light level Night Vision, waterproof, Autofocus, all optical glass lens, multilayer plating band green, 100% through light, lens doublet Achromatic lenses, image brightness, sharp surface permeability, eyepiece focusing, left & right independent of the eyepiece focusing diopter adjustment range, 95% high concentrations of nitrogen-filled, excellent waterproof performance, field of view (m): 131/1000m, Magnification: 7 times, viewing angle (degree): 7.3, Resolution: 3.08", Focusing system: independent lens</p>	
3. High-end Digital Recording Binocular	1	<p>Digital Telescope Long Distance Multi Function HD Video Camera Maximum support 64Gb memory card It has the function of HD imaging and HD video recording Digital imaging and video recording and it can take a clear picture</p>	
4. Tandem Global Compass/Clinometer	2	<ul style="list-style-type: none"> •Without Declination Adjustment • Combines a liquid damped precision compass and clinometer in one compact, rugged aluminum housing •Clinometer scale is graduated in percent and degree (0-90, 0-150); compass scale is in azimuth (0-360) with the option of declination adjustment (20 East and West). •The compass is balanced for global use and is graduated in 1/2 increments, and the clinometer is graduated in 1/1% increments. •Both compass and clinometer are individually calibrated. •Engraved inch scale and cotangent and cosine tables to 45 on the back. •Threaded tripod socket. •Includes case and lanyard. •High accuracy - precise readings in seconds •Durable aluminum housing •Edges at 90 degrees angles for contact measuring •Optical adjustment for reading •Item Weight: 0.32 ounces 	
5. Surveillance camera equipped for night vision	1	<p>Sensor: 30.4MP full-frame CMOS Screen: 3.2-inch touchscreen, 1,620,000 dots Burst shooting: 7fps Autofocus: 61-point AF Video: DCI 4K Connectivity: Wi-Fi Battery life: 900 shots Weight: 840g</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
6. Portable cargo scanner	1	<p>Cargo Scanner</p> <p>a. Carbon Sensitive; ideal for inspection of perishable goods and organic products in general b. must be able to detect the organic, inorganic, mixtures, or light metals quickly and precisely. c. portable and easy to set -up d. can detect micro-organisms</p> <p>Quick Details</p> <p>Tunnel Size: 615(L)*418(W)mm Penetration: 38 mm steel panel Warranty: 2 Years Conveyor Speed: 0.22 m/s Conveyor Max Load: 150 KGS X ray leakage: <1µGy/h Film Safety:ISO 1600 Film-safe Generate Direct: From bottom to top Wire Resolution: Dia 0.0787mm copper wire (AWG40) OEM: Acceptable Supply Ability: 10000 Set/Sets per Year wooden, accordance to the transportation standard.</p> <p>Physical Specifications</p> <p>Unit weight (kgs): 595 Unit size (mm): 2848.5(L)*1095(W)*1535.5(H) after packed in wooden pallet - Gross weight (kgs): 750 Packing size#1: 213*121*179cm; #2: 115*90*142cm</p> <p>General Specifications</p> <p>Tunnel size(mm): 600(L)*400(W) Conveyor Speed(m/s): 0.22 Conveyor height(mm): 690 Conveyor Max Load(kgs): 170 X ray dose per each inspection: 1.5 µGy X ray leakage: <0.25 µGy / h Penetration: 38mm steel Wire Resolution: dia 0.0787mm copper wire (AWG40) Penetration Resolution: dia 0.202mm copper wire (AWG32) under three-step aluminum wedge: 9.5mm, 15.9mm, 22.2mm Spatial resolution:Horizontal:dia1.0mm,Vertical: dia1.0mm Power Consumption max. 1KW</p> <p>Product highlights</p> <ul style="list-style-type: none"> * Multilingual operation, * Automatic built in test and self diagnosis * Secure access Key; * Uninterruptable power supply (UPS) * Threat alert and material classification, * Auto archiving * Network-Ready, * Energy saving design, * One key turn off * Drugs and explosives inspection, * Indication of the date and time * baggage counter 	
7. Satellite phone	2	<p>Dimensions: Length: 170mm; Width: 54mm; Depth: 39mm Weight: 279g; Display: High visibility colour screen Interfaces: Micro USB; Audio socket; Antenna port Bluetooth 2.0; Water and dust; ingress protection: IP54 Operating range: -20 °C to +55 °C; Storage range: -20°C to +70°C (with battery); Charging range: 0°C to 45°C Humidity tolerance: 0 to 95 per cent; Type: Lithium Talk time: Up to 8 hours; Standby time: Up to 100 hours Charging time: 3.5 hours</p> <p>Storage: Do not store fully charged or low charge batteries for long periods of time without use. 80% charge is optimal for storage. The battery should be stored in dry conditions, not assembled into the handset, with the contacts protected. Ideal conditions are between -20 and +20 degrees. Please check the remaining power levels in the battery and test the handset every three months. Recharge if the power has dropped below 40%. More frequent checking and recharging may be necessary depending on storage conditions. When the battery charge is very low, it may take some time for the charging indicator to show on the screen after connecting the charger.</p> <p>Microphone muting Contact synchronisation: With MS Outlook 2007 (PC) O/S compatibility: Windows XP Pro SP3 and Windows Vista SP1 Languages supported: Arabic, Chinese, English, French, Japanese, Portuguese, Russian, Spanish Security: At the keypad, phone, SIM and network level</p>	
8. 360 vision camera insta black	1	<p>Lenses: two fisheye lenses Field of view: fully spherical Aperture f/2.0 f/2.2; Processor unspecified Ambarella unspecified Ambarella Photo resolution 6080 x 3040 in JPEG or DNG raw 6912 x 3456 in JPEG or DNG raw; Video resolution 5760 x 2880, 30fps; 3840 x 1920 @ 50fps 3840 x 1920 @ 30fps; 3008 x 1504 @ 100fps; mp4 (log mode available) 3840 x 1920, 30fps; 2560 x 1280 @ 60fps; mp4 (log mode available)</p> <p>Bitrate 100 mbps 60 mbps; Bullet time video 3008 x 1504 @ 100fps fully spherical; variable aspect ratio 2048 x 512 @ 120fps hemispherical 16:9 aspect ratio; Live streaming: Yes, stabilized. Compatible with YouTube, Facebook, Periscope / Twitter, Weibo Yes, stabilized. Compatible with YouTube, Facebook, Periscope / Twitter, Weibo Shutter speed: 1/8000 to 120 seconds 1/4000 to 60 seconds ISO: 100 to 3200 100 to 3200 (up to 6400 for video) Stabilization: 6-axis gyro-based image stabilization 6-axis gyro-based image stabilization</p> <p>Microphones stereo mono Connector: 1/4-20 tripod connector 1/4-20 tripod connector Storage: one Micro SD up to 128GB one Micro SD up to 128GB (8GB included); Working humidity: TBD 30% to 80%; Temperature: TBD 14F - 113F (-14C to 45C); Waterproof: No (TWO TYPES of waterproof housing accessories available) No (waterproof housing accessory available) Connectivity: 5G WiFi; Bluetooth LE 4.0; MFI-certified lightning connector Bluetooth LE 4.0; MFI-certified lightning connector</p> <p>Compatibility: iOS, Android, Windows, Mac iOS, Android, Windows, Mac Dimensions: 115 x 48 x 28 mm 96 x 36.5 x 25 mm; Weight: 115g with battery 90.9 without battery 82g; Battery: 60 mins. removable 70 mins.; not removable; USB charging; Other features: Drift shot; Timeshift; Intervalometer; Multiview Freecast (live streaming with changeable perspective); Time lapse mode Bullet time Multiview; Intervalometer; Freecast (live streaming with changeable perspective); Time lapse mode; Bullet time</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
9. Marine vest with GPS tracking system	4	a. Made of high quality neoprene material, with good buoyancy b. Material: Neoprene c. Color: Black d. (1)XXXL Abdomen Circumference: 104cm/40.9inch; Total Length: 70cm/27.5inch; Suitable Height: 193+cm; Suitable Weight:95+kg; Weight: Approx. 920-1075g d.1. (3) L Abdomen Circumference: 90cm/35.4inch Total Length: 61cm/24inch; Suitable Height:169-177cm; Suitable Weight: 65-75kg e. 100% satellite technology f. with GPS chip that determines GPS location and sends location and preselected message to communication satellites.	
END-USER 5: AFD			
1. Facial and Biometrics Attendance Time Keeper Machine	4	Facial and Biometrics Attendance Time Keeper Machine, Up to 300 Facial Template. 3,000 Fingerprint / 160,000 Transactions. Standalone via USB. Wall or Desk-mountable	
END-USER 6: DMO North			
1. Night vision binocular	1	Powerful infrared illumination - 4 AA batteries - Day or night viewing - Rugged water-resistant housing - Video out capable - Tripod mountable - Outstanding optical clarity - Micro SD card slot (up to 32GB)	
END-USER 7: DMO Calamian			
1. 12 MP Drone with extra battery	1	Max Flight Time - 30 minutes (no wind at a consistent 15.5 mph (25 kph)) Max Hovering Time - 27 minutes (no wind) Max Transmission Distance FCC Compliant: 4.3 mi (7 km); CE Compliant: 2.5 mi (4 km) SRRC Compliant: 2.5mi (4 km) MIC Compliant: 2.5 mi (4 km) (Unobstructed, free of interference) Image Size 4000x3000 Video Recording Modes C4K: 4096x2160 24p 4K: 3840x2160 24/25/30p 2.7K: 2720x1530 24/25/30p FHD: 1920x1080 24/25/30/48/50/60/96p HD: 1280x720 24/25/30/48/50/60/120p Max Video Bitrate 60 Mbps Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG Video MP4, MOV (MPEG-4 AVC/H.264) Supported SD Cards Micro SD Max capacity: 128 GB. Class 10 or UHS-1 rating required	

LOT 4: Various software and music/sound template

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EPRPD			
1. Multimedia cloud master collection software: · Graphics editing software · Graphics processing and image organizing software · Video editing software · Desktop publishing & typesetting software	3	Latest version. 3 - Graphics editing software 1 - Graphics processing and image organizing software 1 - Video editing software 1 - Desktop publishing & typesetting software - 1 year full subscription	
END-USER 4: EEE			
1. Multimedia collection Business Plan	1	Latest version. 3 - Graphics editing software 1 - Desktop publishing and typesetting software 1 - Video processing software 1 - Video editing software - for multiple/team use - 1 year full subscription	
2. Music/sound templates	1	online subscription - downloadable music/sound template	
END-USER 5: EZMED			
1. Maxent and distance	1	Maxent Version 3.4.1 •Released under a MIT license •Threshold features are now turned off by default •A cloglog transform has been added and now constitutes the default transformation for model output (formerly the logistic transform) Distance Version 7.3 •contains all the features of version 7.2 with the addition of an Import Shape Wizard.	
END-USER 7: OED			

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
1. Multimedia cloud master collection software: · Graphics editing software · Graphics processing and image organizing software · Video editing software · Desktop publishing & typesetting software	2	1) 30+ apps: desktop and mobile apps including softwares on graphics editing; graphics processing and image organizing; video editing; and desktop publishing & typesetting. 2) Fonts: Thousands of fonts 3) Compatability with Social media platform 4) Libraries: Capability to save, browse, and share assets from Libraries 5) Portfolio: Capability to create and customize portfolio website. 6) Storage: 100GB of cloud storage for file sharing and collaboration. INCLUSIONS: •Graphics editing software •Graphics processing and image organizing software •20 GB of Cloud storage	
2. Music/sound templates	1		
END-USER: EZMED			
1. CD Asia Online Libraries one year subscription	1	Attributes ■Comprehensive and efficient search engine ■Contains wide-range set of data with regards to legal reserach ■Contains updated resource materials pertaining to legal information ■Extensive cross-referencing of laws and jurisprudence ■Materials are obtained from credible sources ■Automatic citation of references ■Designed to update itself on the most recent version Features ■Latest version of CD Asia: ■Easy Navigation ■Advanced Search Engine ■Full-text Searching and full document view ■Advanced and Organized Search Techniques ■Automatic citation, cross-reference and citation finder Libraries are updated as soon as materials are made available from official sources	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF
END-USER 6: AFD			
1. Cloud storage	1	Business-class email hosting with 50 GB mailbox Custom email domain addresses (name@yourcompany.com) Desktop versions of Office applications for PC only Web versions of Office applications One license covers 5 PCs or Macs, 5 phones, and 5 tablets per user Tooltip with information about operating system requirements Host unlimited HD video conferencing meetings for up to 250 people Get a hub for teamwork Let customers schedule appointments online Manage tasks and teamwork with Office planner Collaborate across departments and locations Maximum number of users: 300	

LOT 5: Various ICT supplies

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 1: EPRPD			
1. Wireless Lavalier Microphone with audio recorder	3	Omni-directional Wireless Lavalier Microphone System; Rugged all-in-one wireless system with high flexibility for broadcast quality sound; Excellent sound and construction quality; Easy to use and fast setup time; Powerful and reliable wireless transmission; Range: up to 100 meters / 330 feet; Up to 8 hours of operation time; Excellent sound and construction quality. HDX compander for crystal clear sound	
2. Recorder with built-in USB	3	Record in MP3/LPCM with a high-sensitivity S-Microphone Up to 4 GB of built-in storage, expandable via MicroSD (SDHC/SDXC) cards Focus and wide microphone modes to suit lectures or meetings Direct USB built-in for easy connection to PC FM radio to listen to or record radio broadcasts	
3. UPS	3	1500VA / 865W Backup Battery Uninterruptible Power Supply (UPS) 10 Total Outlets (NEMA 15 15R): 5 Battery Backup and surge protection, and 5 Surge protection only Automatic Voltage Regulation (AVR) instantly corrects low/high voltage fluctuations, and is Active PFC compatible 6' Power Cord with NEMA 15 15P wall plug. With supplemental external Battery Pack With 3 year warranty	
4. External hard drive (2TB)	5	Capacity: 2TB Storage Media: 2.5" SATA HDD Interface: USB 3.0 compliant and backwards compatible with USB 2.0 Durable anti-shock rubber outer case	
5. External hard drive (4TB)	3	4TB USB 3.0 Portable External Hard Drive (Black), Super Speed Storage with 3 YEARS WARRANTY	
6. Powerbank	4	Features: Led Indicators, Fast Charge, Overcharge protection Connectivity: USB 2.0, Output Ports : 1 Battery: Li-Polymer, 10000 mAh, AC Adaptor Charging, Charging time: 3.5 Hours, USB Charging, Charging time: 5.5 Hours	
7. Mouse (wireless)	3	DIMENSIONS Mouse (height x width x depth): 97.7 mm x 61.5 mm x 35.2 mm Mouse Weight: 70.5 g with battery Nano receiver (height x width x depth): 6.6 mm x 14.4 mm x 18.7 mm Nano receiver Weight: 2.0 g SYSTEM COMPATABILITY Windows® 7, Windows 8, Windows 10 or later; Mac OS® X 10.8 or later Chrome OS™; Linux® kernel 2.6+; USB port TECHNICAL SPECIFICATIONS Connection Type: 2.4 Ghz wireless; Wireless range: 10 m Battery: 1 x AA; Battery life: 1 year PACKAGE CONTENTS: Mouse, Receiver, User documentation WARRANTY INFORMATION: 2-Year Limited Hardware Warranty	
8. Bluetooth speaker	3	Weight: 1.1 pounds Battery life: 12 hours Wireless range: 20m / 66ft Frequency response: N/A Drivers: 2 x 1.75" Full Range + 2 x Passive Radiator NFC: No Aux-in: Yes Bluetooth version: 4.2 Weatherproofing: Yes-IPX7 Charges devices over USB: No Impressive sound for the size Excellent mobile app Waterproof Average battery life	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
9. Flash drive (32gb)	20	GLIDE 3.0 USB FLASH DRIVE Fast - Secure and reliable portable storage with USB 3.0 performance 32 GB	
10. Memory cards (64 GB)	3	64GB memory card	
11. Laser pointer with clicker	1	Presenter Mode Built-In Class 2 "Green" Laser Pointer 2.4GHz RF Wireless Technology 100' Range LCD Display with Timer and Indicators Plug-and-Play Technology Ergonomic Design Silent (Vibrating) Alarm PC Compatible	
12. OTG (On-the-go) USB (64 GB)	2	OTG 64GB	
13. Go pro dome port	1	Go pro dome compatible for Hero GoPro Camera 5,6, and 7	
14. Printer ink			
PRINTER INK BOTTLE, Epson L6170 (Black)	10		
PRINTER INK BOTTLE, Epson L6170 (Cyan)	7		
PRINTER INK BOTTLE, Epson L6170 (Magenta)	7		
PRINTER INK BOTTLE, Epson L6170 (Yellow)	7		
PRINTER INK, Epson Ink Refil 001 (black)	17		
PRINTER INK, Epson Ink Refil 001 (cyan)	10		
PRINTER INK, Epson Ink Refil 001 (magenta)	10		
PRINTER INK, Epson Ink Refil 001 (yellow)	10		
PRINTER INK, Epson Ink Refil 664 (black)	33		
PRINTER INK, Epson Ink Refil 664 (cyan)	20		
PRINTER INK, Epson Ink Refil 664 (magenta)	20		
PRINTER INK, Epson Ink Refil 664 (yellow)	20		
15. Pocket wi-fi	1	4G Access Technology Hspa+/Hsupa/Hsdpa/Umts 2100/1900/850 (900) Mhz Max Download Speed Up To 21 Mbps Max Upload Speed Up To 5.76 Mbps Connect Up To 10 Devices Openline	
16. Risograph ink		1 set of Risograph ink	
FW 5230 comcolor riso ink cartridge (black)	3		
FW 5230 comcolor riso ink cartridge (yellow)	2		
FW 5230 comcolor riso ink cartridge (cyan)	1		
FW 5230 comcolor riso ink cartridge (magenta)	1		
17. Risograph papers A3 size, 100gsm (ultrawhite)	8	A3 size, 100gsm (ultrawhite)	
18. Plotter-scanner supplies (ink and papers)			
HP Design jet 72 (black)	3		
HP Design jet 72 (yellow)	3		

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
HP Design jet 72 (magenta)	3		
HP Design jet 72 (cyan)	3		
HP Design jet 72 (gray)	3		
Plotter paper 36"	19		
Plotter paper 36" (glossy)	6		
19. Laser printing supplies (ink and papers)			
HP Color Laser jet Pro M154a	2		
PAPER, Parchment, 100 sheets per ream (A4 size)	2		
PAPER, Vellum, Folio (10 sheets per pack)	10		
PAPER, Specialty Paper, Cream colored (A4 size)	6		
PAPER, Specialty Paper, Cream colored (Folio size)	3		
PAPER, Bond (Letter/Short size)	3		
PAPER, Bond (Multipurpose) (Folio/Legal size)	12		
END-USER 2: EZMD			
1. Wireless Lavalier Microphone with audio recorder	2	Omni-directional Wireless Lavalier Microphone System; Rugged all-in-one wireless system with high flexibility for broadcast quality sound; Excellent sound and construction quality; Easy to use and fast setup time; Powerful and reliable wireless transmission; Range: up to 100 meters / 330 feet; Up to 8 hours of operation time; Excellent sound and construction quality. HDX compander for crystal clear sound	
2. Recorder	4	Record in MP3/LPCM with a high-sensitivity S-Microphone Up to 4 GB of built-in storage, expandable via MicroSD (SDHC/SDXC) cards Focus and wide microphone modes to suit lectures or meetings Direct USB built-in for easy connection to PC FM radio to listen to or record radio broadcasts	
3. UPS	2	1500VA / 865W Backup Battery Uninterruptible Power Supply (UPS) 10 Total Outlets (NEMA 15 15R): 5 Battery Backup and surge protection, and 5 Surge protection only Automatic Voltage Regulation (AVR) instantly corrects low/high voltage fluctuations, and is Active PFC compatible 6' Power Cord with NEMA 15 15P wall plug With supplemental external Battery Pack With 3 year warranty	
4. External hard drive (2TB)	7	Capacity: 2TB Storage Media: 2.5" SATA HDD Interface: USB 3.0 compliant and backwards compatible with USB 2.0 Durable anti-shock rubber outer case	
5. Powerbank	8	Capacity: 30000mAh Micro-USB Input: 5V 2.4A Lightning Input: 5V 2.4A Output 1 (Quick Charge 3.0): 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A Output 2 (AiPower): 5V 2.4A Dimensions: 5.9" x 3.3" x 1.1" Weight: 640 Grams	
6. Mouse (wireless)	3	Connection Type: Bluetooth Classic(3.0) Wireless Range: 10 m (30 ft) Sensor Technology: Laser-grade optical sensor DPI (Min/Max): 1000± Battery: 1 x AA Battery Life: 10 months Indicator Lights (LED): Battery LED	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
7. Bluetooth speaker	2	<ul style="list-style-type: none"> - Output power (W): 3.3 - Music playing time (hrs): 10 - Dimensions (in): 5.4 x 3.8 x 1.8 - Weight (kgs): 0.22 - Bluetooth Version 4.1 - Battery capacity (mAh): 1,000 - Charging time (hrs): 3 - Waterproof: Yes - Speakerphone: Yes - Bluetooth: Yes - 3.5 mm Audio Cable Input: Yes - Auto-power off: Yes 	
8. Flash drive	20	<ul style="list-style-type: none"> Capacity: 32GB Interface: USB 3.0 Backward compatible with USB 2.0 Transfer speeds up to 100MB/s OS: Windows XP, Vista, 7, and 8 Mac OS X 10.5+ (Intel based Macs only) 	
9. Laser pointer with clicker	1	<ul style="list-style-type: none"> Specifications - Connection Type: Bluetooth Smart and 2.4 GHz wireless connection - Wireless Range: 100 ft (30 m) - Indicator Lights (LED): Battery and Connectivity LED - Battery: Rechargeable Lithium Polymer, 85mAh - Battery Life: 3 Months - Cable Length: 5.5 in (140 mm) - Sensor: 3D accelerometer and Gyroscope - Sensor Technology: Motion Sensor 	
10. Printer ink			30,000
PRINTER INK BOTTLE, Epson L6170 (Black)	10		
PRINTER INK BOTTLE, Epson L6170 (Cyan)	7		
PRINTER INK BOTTLE, Epson L6170 (Magenta)	7		
PRINTER INK BOTTLE, Epson L6170 (Yellow)	7		
PRINTER INK, Epson Ink Refil 001 (black)	17		
PRINTER INK, Epson Ink Refil 001 (cyan)	10		
PRINTER INK, Epson Ink Refil 001 (magenta)	10		
PRINTER INK, Epson Ink Refil 001 (yellow)	10		
11. Pocket wi-fi	1	<ul style="list-style-type: none"> 4G Access Technology Hspa+/Hsupa/Hsdpa/Umts 2100/1900/850 (900) Mhz Max Download Speed Up To 21 Mbps Max Upload Speed Up To 5.76 Mbps Connect Up To 10 Devices Openline 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
12. Plotter-scanner supplies (ink and papers)			
HP Design jet 72 (black)	3	150,000	
HP Design jet 72 (yellow)	3		
HP Design jet 72 (magenta)	3		
HP Design jet 72 (cyan)	3		
HP Design jet 72 (gray)	3		
Plotter paper 36"	19		
Plotter paper 36" (glossy)	6		
END-USER 3: EMED			
1. External hard drive (2TB)	10	2 TB, Ultra fast USB 3.0 Connectivity, Data transfer up to 5 gigabit/sec when connected to USB 3.0, Auto backup Password protection with hardware encryption,USB 3.0 port; USB 2.0 compatible Formatted for Windows® 10, Windows 8 or Windows 7 operating systems, 2TB	
2. Dual band Router	1	Ports : 4*10/100/1000Mbps LAN Ports, 1*10/100/1000Mbps WAN Port Button : Reset Button, Power On/Off Button, WPS/Wi-Fi On/Off Button Power Supply : 12V/1A Antenna : 4 Fixed External Antennas and 1 Internal Antenna Frequency : 2.4GHz and 5GHz Wireless Standars : IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz Signal Rate : 5GHz Up to 867Mbps, 2.4GHz Up to 300Mbps Wireless Functions : Enable/Disable Wireless Radio, WDS Bridge, WMM,, Wireless Statistics Transmit Power : CE EIRP: <20dBm(2.4GHz); <23dBm(5GHz), FCC EIRP: <30dBm(2.4GHz); <30dBm(5GHz)	
3. Wifi video link/dongle	2	CPU: Single Core 1.2 GHz. GPU 1 x mali 400. DDR3: 256MB; Nand Flash: No. Support Miracast, DLNA, AirMirror, Airplay. Support: Take photos, Online update. System supported: ANDROID,IOS,MAC,WINDOWS. Support Online & local (content wireless) display: Video/Audio/Photo/Office file/Website. Office Software (Display Presentation): PDF/MS Word/MS Excel/MS Powerpoint/Keynotes.(AnyCast Wifi Display Receiver Miracast TV Dongle HDMI Stick DLNA Airplay 1080P - intl) Online streaming: Youtube, Netflix, Hulu Plus, IDMB, Quickflix, Family On TV etc. Remote controller: Supported by Phone/Laptop/Tablet PC.	
4. Flash drive (32gb)	10		
5. Flash drive (16gb)	10		
6. Flash drive (64gb)	10		
7. Wireless microphone	10	High frequency stability UHF 618~865 MHz,Maximum effective distance up to 100m; 60m Ideal distance, digital display both microphone and receiver	
8. Pocket wi-fi	1	* Type: 4G LTE Cat4 Mobile Hotspot. * Support LTE/3G networks. * Supported network frequency bands: - 4G: 1700MHz - 3G: 1700MHz, 2100MHz Battery: 3560mAh (Portable 4G Wifi Wireless Router Mobile Broadband Hotspot SIM Card Slot Unlocked or open)	
9. Plotter-scanner ink	2	HP Designjet T795 eprinter- Supplies for GIS Plotter/Scanner : 72 Cyan, 72 Magenta, 72 Yellow, 72 Gray (MK), 72 Black(PK), 72 Gray	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
10. Plotter-scanner coated paper	13	Coated paper (roll)- width size 36	
11. Laser printing supplies (ink and papers)		Ink for EPSON L1300 (2 sets) Y 664, C 664, M 664, BK 664 5 sets of A3 and 5 sets of A4 paper	
END-USER 4: EEE			
1. Wireless Lavalier Microphone with audio recorder	7	Omni-directional Wireless Lavalier Microphone System; Rugged all-in-one wireless system with high flexibility for broadcast quality sound; Excellent sound and construction quality; Easy to use and fast setup time; Powerful and reliable wireless transmission; Range: up to 100 meters / 330 feet; Up to 8 hours of operation time; Excellent sound and construction quality	
2. Recorder	9	2-input/2 track portable Handy Recorder with onboard X/Y microphone; microphone has built-in cardioid condenser stereo pair, X/Y configuration; Built-in Speaker 500 mW Mono; Display 1.25/ 3.17cm Monochrome LCD (backlit); microSD, microSDHC (up to 32GB) memory card support; Audio file formats - BWF, MP3, WAV; bit depth 24-Bit (AD/DA Conversion), 32-Bit (internal DSP); Bit rates 48 to 320 kd/s; Signal processing is Auto Gain, Limiter, Low Cut Filter; Connectivity - Analog (1x 1/8" / 3.5) mm TRS female unbalance line/mic input/ headphone); Plug-in power at 2.5V; host connection is 1x micro USB (USB 2.0); microphone max 120 dB SPL; power options battery 2x AAA (included); approximate battery life WAV 44.1 kHz/16-Bit: 10 Hours (alkaline 2 channels); AC/DC power Adapter is 5 VDC at 1 A; mounting options 1/4"-20 Female; 1-Year warranty; with BY M1 mic & deadcat & muff	
3. Portable wi-fi	1	LTE Pocket wifi; supports up to 10 wifi users; 256MB memory; speed is up to 256kbps with 80 reliability. Up to 42 mbps LTE 700MHz ready; 4G/3G/2G/HSPA+/LTE+ network; 2050 mAh battery; LTE DL 150 Mbps, UL 50 Mbps; prepaid with sim	
4. Mouse (wireless)	6	Connection Type: Bluetooth Classic (3.0) • Wireless range: 10 m (30 ft) • Battery: 1 x AA • Battery Life: 10 months • Indicator Lights (LED): Battery LED • DPI (Min/Max): 1000± • Sensor technology: Laser-grade optical sensor; 1-year warranty; Sensor technology: Laser-grade optical sensor; Compact, mobile design Smart control and easy navigation	
5. 4gb RAM for desktop	4	Plug and play Low power consumption, Low-profile stylish heat spreader, 2400MHz speed	
6. Flash drive (32gb)	9	Capacity: 32GB Interface: USB 3.0 Backward compatible with USB 2.0 Transfer speeds up to 100MB/s	
7. Memory cards (64 GB)	6	64 GB memory cards with adaptors	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
8. Card reader	1	<p>All in 1 Multi Card Reader; Fully Compliant with the Hi-Speed USB 2.0 specification</p> <p>Supports the most popular memory cards currently available, including CF, SD, SDHC, SDXC, microSD, microSDHC, microSDXC, MMC, MMCplus, RS-MMC and MMCmobile series cards.</p> <p>Convenient LED Indicator shows data transfer activity</p> <p>Offers a free download of photo recovery software; directly accepts the most popular memory cards currently available, including CF, SD, SDHC, SDXC, microSD, microSDHC, MMC, MMCplus, RS-MMC and MMCmobile series cards</p>	
9. Laser pointer with clicker	2	<p>Spotlight Powerpoint Presentation Bluetooth Remote; Advanced Digital Highlighting with Bluetooth, Universal Compatibility, 30m Range and Quick Charging;</p> <p>DIMENSIONS</p> <p>Height x Width x Depth:131.3 mm x 28.1 mm x 12.1 mm</p> <p>Weight: 49.2 g included Battery</p> <p>Receiver:Height x Width x Depth:40.4 mm x 17.2 mm x 6.8 mm</p> <p>Weight: 3.3 g</p> <p>Charging cable length:140 mm</p> <p>TECHNICAL SPECIFICATIONS</p> <p>Connection Type: Bluetooth and 2.4GHz wireless connection</p> <p>Wireless range: 30 m</p> <p>Indicator Lights (LED): Battery and Connectivity LED</p> <p>Battery Details: Rechargeable Lithium Polymer, 85mAh</p> <p>Battery Life (rechargeable): 3 months</p> <p>Cable Length: 140 mm</p> <p>Sensor: 3D accelerometer and Gyroscope</p> <p>Sensor technology: Motion sensor</p> <p>PACKAGE CONTENTS: Presentation remote, Proprietary receiver, User documentation, Charging cable, Pouch</p> <p>WARRANTY INFORMATION</p> <p>1-Year Limited Hardware Warranty</p>	
10. Carbon Fiber Tripod Kit with BV10H Head (100 mm)	1	<ul style="list-style-type: none"> •Load Capacity: 4.4 lb •Max Height: 56.5" •Min Height: 20.9" •Folded Length: 22.4" •Leg Sections: 3 •Weight: 2.95 lb •3-Way Pan Tilt/Head with QR Plate •Mid-Level Spreader 	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
11. Flash Unit for DSLR	1	<p>Supports Wireless Master Function</p> <p>Supports Wireless Slave Function, Wireless Transmitter;</p> <p>Supports Multiple Trigger Synchronous Mode.</p> <p>Supports setting save automatically, custom settings (fan).</p> <p>Supports ultra-fast charging recycle system, external power supply; with Wireless Flash Controller and Commander (Adjust flash function through the controller directly. Wireless triggering function.)</p> <p>Set group, up to 6 groups. Set the flash output and flash mode. Modify multi flash frequency and count.</p> <p>Modify zoom for each group. Transmission Range: 100 Meters.</p> <p>Support Wireless Shutter Receiver. Large and clear screen, user friendly interface.</p> <p>Powered by two AA batteries); with Flash Speedlite Mount Swivel Light Stand Bracket with Umbrella Reflector Holder for Camera DSLR and Other DSLR Flashes Studio Light LED Light (Universal E Type Flash cold shoe bracket, Swivel light stand mount with Umbrella holder.</p> <p>Universal metal cold shoe mount on top to mount flash onto bracket. Work on monitor, ring light, speedlite flash, trigger, magic arm, mic and any accessories that has a camera type of shoe.</p> <p>A hole with locking screw in middle specially designed for holding umbrella.</p> <p>Easy Adjustment. This Flash bracket is with 180° vertical and 360° horizontal adjustment to allow to position the umbrella and flash in different angle.</p> <p>Comes with 1/4 inch to 3/8 inch screw adapter to attach it to a tripod or light stand or any camera rigs that with 1/4"-20 or 3/8"-16 male thread.)</p>	
12. Heavy Duty Tripod	1	<p>Made Of High Quality Aluminum Alloy.; Compatible With Fluid Damping Head System For Smooth Rotate And Tilt For Recording.; Compatible With Large Quick Release Plate For Better Bearing Of DV Or Cameras ; The Legs Utilize Large Ergonomic Lock Adjustment Knobs Design For Fast Tripod Height Adjustment With Strong Locking ; Rubber Horseshoe, Make It Easy To Shoot On Uneven Surfaces; Compatible With The Standard 1/4 Inch Or 3/8 Inch Screw It Allows User To Replace The Mini Ball Head With Other Heads Or Phone Holder; Fluid Drag Head And Bowl Adapter Are Included</p>	
13. Risograph supplies (ink and papers)	1	comcolor riso ink cartridge colors; black (3), magenta (1), cyan (3), yellow (3); S-4130 Booklet Staple for riso comcolor (2 sets)	
14. Ineo+Colored Printer supplies and ink	1	ineo ink TN321 colors Black (1), magenta (1), cyan (1), yellow (1)	
15. Laser printing supplies (ink and papers)	1	<p>ALL AUTHENTIC INK TONERS AND CARTRIDGES OF THE FOLLOWING:</p> <p>PRINTER INK, Epson Ink Refil 001 colors black (8), cyan (8), magenta (8), yellow (8); PRINTER INK, Epson Ink Refil 664 colors black (8), magenta (8), cyan (8), yellow (8); PRINTER INK BOTTLE, Epson L6170 colors black (7), magenta (7), cyan (7), yellow (7); konica magicolor 1600w high capacity toner (AOV3 01K) black 3pcs; konica magicolor 1600w high capacity toner (AOV3 06K) magenta 3 pcs; konica magicolor 1600w high capacity toner (AOV3 0CK) magenta 3 pcs; konica magicolor 1600w high capacity toner (AOV3 0HK) cyan 3 pcs; epson workforce wf-100 printer ink (T290 tricolor) 4 pcs; epson workforce wf-100 printer ink (T289 black) 4pcs; smart ribbon kit SIADC-P-YMCKO (650634) 1pc; tarpaulin printer consumables (inks (3 sets) & tarpaulin media 10 oz.- 1 roll 6ft, 1 roll 3.2 ft, 1 roll 4.5ft); HP ink 955XL colors black (5); Magenta (5), cyan (5), yellow (5)</p>	
END-USER 5: EZMED			
1. UPS	3	<p>Output power capacity : 450Watts /800VA</p> <p>Max Configurable Power (Watts) : 450Watts /800VA</p> <p>Nominal Output Voltage : 230V</p>	
2. External hard drive (2TB)	2	2TB with case	
3. Powerbank	4	40000mah	
4. Laser pointer with clicker	2	<p>LCD Display</p> <p>Up to 100-foot (30-Meter) Range</p> <p>Intuitive Slideshow Controls</p> <p>Plug-and-Play Wireless Receiver</p>	
5. OTG (On-the-go) USB (64 GB)	5	64GB	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
6. Portable speakers with microphone and battery	1	Portable Rechargeable Bluetooth speaker with Free Microphone; Complete Bluetooth-enabled Mobile Music Center w/ Remote Control Stream music wirelessly from any Bluetooth-enabled device; with Built-in wireless microphone system & 1 Wireless microphone; with Heavy duty wheels and telescoping handle; with Built-in digital FM radio and USB & SD / MMC Slots / AUX audio input; with Adjustable Handle.	
7. Wireless keyboard	4	wireless	
8. 1 TB external drive	2	1TB	
9. 32 GB memory card for binocular	2	32 gb	
10. 35 Mile Weatherproof 2 way radios walkie talkie	4	weatherproof ID design with built-in LED light which offers emergency lighting when needed. 24/7 access to alerts ranging from flash floods to national emergencies. With a range of up to 35 miles, 22 channels, each with 121 privacy codes, caller tones available	
11. Digital handheld radio with extra battery pack and quick charger (water proof)	10	a. Range up to 50 km b. Up to 10 channels with channel monitor/scan c. NTC registered supplier d. Battery life: up to 24hrs e. With LCD display f. 2 way radios	
END-USER 6: AFD			
1. UPS	8	650 VA, Surge & Battery Back-ups, 4 Universal Outlet Ports	
2. External hard drive (2TB)	8	3.0 USB, 2TB Capacity, Rubber Case, Drop Proff	
3. Powerbank	8	30,000 mAh, with LED Power Indicator	
4. Mouse (wireless)	5	Combo (mouse & keyboard) 6m distance range	
5. Flash drive (16gb)	30	3.0 USB, 16GB	
6. OTG (On-the-go) USB (64 GB)	8	3.0 USB, 64GB, OTG	
7. IP Camera	10	HD CCTV Camera WiFi Remote Monitor 1080P High-definition Night Vision Mobile Phone Network (Triple antenna)	
8. Rackmount Switch	3	No. of ports • 24 10/100/1000 Gigabit ports Standards• IEEE 802.3 10BASE-T • IEEE 802.3u • IEEE 802.3ab • IEEE 802.1p QoS • IEEE 802.3x Flow Control supported for Full Duplex, Auto-Negotiation • IEEE 802.3az Energy Efficiency Ethernet Data Transfer Rate• Ethernet: 10 Mbps/20 Mbps (Half-duplex/Full-duplex) • Fast Ethernet: 100 Mbps/200 Mbps (Half-duplex/Full-duplex) • Gigabit Ethernet: 2000 Mbps (Full-duplex)	
9. Point-of-sale Printer	1	Bluetooth enabled-- compatible only for Android Waterproof, oil-proof and dustproof; Supports simplified Chinese, Traditional Chinese and multilanguage; Support monitoring Supports full cut and half cut; Supports menu display and error alarm; Support Linux driving; Support black mark check and reprinting;	
10. CAT 6 Cable	2	Twisted UTP Cable CAT 6	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
END-USER 7: OED			
1. Wireless Lavalier Microphone with audio recorder	1	<ul style="list-style-type: none"> •Operation range: 100m (300')(without obstacle) •High Quality •Antenna: Flexible •Power supply: Two AA batteries •Frequency band :2.4GHz (2405-2478MHz) 	
2. Recorder	2	memory: 4GB (expandable),	
3. UPS	4	LED Status Indicator Backup time: 3-20mins (depends on load) 4-6hours charging period Auto-restarts when AC Recovers Silence Setup Battery Low Voltage Protection Overload & Short Circuit Protection Input Voltage Range: 140-300vac Output Voltage Range: 200-255 +/- 5vac Output Frequency: 50Hz / 60Hz±0.5Hz (DC Mode) Wave Form: PWM (DC Mode) Transfer Time: 2~6ms Capacity & Quantity of Battery: 12V (1*12V/9AH) Charging Period: 4-6 Hours Backup Time: 3-20minutes Transformer Size & Material: 76*45mm Aluminum Wattage: 725W Product Dimension(mm): 350*120*188	
4. External hard drive (2TB)	4	Capacity: 2TB 7200 RPM spin speeds deliver snappy performance. 64MB cache reduces lag and load times. Capacity: 2TB Storage Media: 2.5" SATA HDD Certificates: CE, FCC, BSMI, RCM Interface: USB 3.0 compliant and backwards compatible with USB 2.0 Durable anti-shock rubber outer case System Requirements: Windows and MAC	
5. Powerbank	6	1 Unit *65 W, 2 X 4 pin USB Type A *Compatible with Dell XPS 9360 5 Units *20,000 Mah * light weight	
6. Mouse	6	*wireless *Noise reduction *33 feet (10m) wireless range *AA Battery *Nano receiver *1year local manufacturer warranty	
7. Keyboard	4	<ul style="list-style-type: none"> •Wireless •2.4GHz wireless connection •360 degree Wide range and long transmission distance up to 10m •Advanced low power solution provides long battery life for up to 12 months •Plug-and-play Micro Receiver •Spill-resistant design 	
8. 2TB HDD for desktop	4	Advanced Power modes help save energy without sacrificing performance SATA 6Gb/s interface optimizes burst performance; 256MB Cache 7200 RPM	
5. Flash drive (32gb)	6	*Capacity 32 GB	
6. Flash drive (16gb)	15	*Capacity 16 GB	
7. Memory cards (64 GB)	6	* 64 GB	
8. Card reader	6	2 Units *Multi-functional OTG Card Reader/ SD Card/ USB Reader 4 Units *5 in 1 USB C HUB with HDMI SD/TF Card Reade USB 3.0	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
9. Wireless touch keyboard and mouse	1	<ul style="list-style-type: none"> •Color: White •Intelligently switch among multiple devices •Switch between Bluetooth 3.0, 4.0 and 2.4 GHz •4.9 mm ultra-slim design with aluminum alloy base •Chiclet keys and scissor key structure •Multimedia hotkeys •Long battery life 	
10. Port USB Hub with Individual Power Switches	1	<ul style="list-style-type: none"> •Compatible with All Windows/Mac/Linux Systems •Sleek Design Ideal for Mac Pro and Mac mini or any PC and USB flag Disk •4 to 7 ports •Built-in USB cable 	
END-USER 8: DMO South			
1. Recorder	1	<p>Record in MP3/LPCM with a high-sensitivity S-Microphone Up to 4 GB of built-in storage, expandable via MicroSD (SDHC/SDXC) cards Focus and wide microphone modes to suit lectures or meetings Direct USB built-in for easy connection to PC FM radio to listen to or record radio broadcasts</p>	
2. UPS	4	<p>1500VA / 865W Backup Battery Uninterruptible Power Supply (UPS) 10 Total Outlets (NEMA 15 15R): 5 Battery Backup and surge protection, and 5 Surge protection only Automatic Voltage Regulation (AVR) instantly corrects low/high voltage fluctuations, and is Active PFC compatible 6' Power Cord with NEMA 15 15P wall plug. With supplemental external Battery Pack With 3 year warranty</p>	
3. External hard drive (2TB)	4		
4. Powerbank	3	<p>Features: Led Indicators, Fast Charge, Overcharge protection Connectivity: USB 2.0, Output Ports : 1 Battery: Li-Polymer, 10000 mAh, AC Adaptor Charging, Charging time: 3.5 Hours, USB Charging, Charging time: 5.5 Hours</p>	
5. Portable wi-fi	1		
6. Mouse	4		
7. Mouse (wireless)	1	Combo (mouse & keyboard) 6m distance range	
8. Keyboard	4	<ul style="list-style-type: none"> •Wireless •2.4GHz wireless connection •360 degree Wide range and long transmission distance up to 10m •Advanced low power solution provides long battery life for up to 12 months •Plug-and-play Micro Receiver •Spill-resistant design 	
9. Flash drive (32gb)	12	Faster transfer rates and ultimate media streaming with USB 3.0 and Gigabit Ethernet	
10. Android cellular phone	4	<p>Type:Smartphone , Phablet , Notch Phone , Camera Phone , Selfie Phone , Bezel-less Phone Shape:Bar OS:Android OS ver: (Android 9.0 Pie) SIM:Nano SIM , Dual SIM , Dual Standby CPU Speed:2.0Hz octa Core Storage:64GB RAM:4GB External Storage:MicroSD, Up to 512GB Battery:4000mAh Display Size:6.4 inches Resolution:FHD+ 2340 x 1080 Super AMOLED Features:Wi-Fi , Hotspot/Tethering , GPS , Bluetooth , Flash , Face Unlock , Fingerprint Scanner , NFC , Dual Cameras , 3.5mm Headphone Jack Dimensions:158.5 x 74.7 x 7.7 mm Weight:165 g</p>	
11. Laser pointer with clicker	1	with clicker	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
12. IP Camera	3	30-50M Day and Night Vision Support Motion Detection and Alarm Tone Function Support wireless(Wifi) and Wired two Mode Support Two-Way Audio Talk Speak Real Time Support ONVIF 2.0, Work with Our NVR Support Pan 320 degree/ Tilt 90 degree And 4X Digital Zoom Support TF Card Max 128 GB And one Month Free Cloud recording. Remotely View via the App YCC365 Plus on Smartphone	
13. Printer ink set	6	Epson Ink Refil 565 (black, cyan, magenta, yellow PRINTER INK TONER, HP Laserjet M1132	
END-USER 9: DMO North			
1. Recorder	1	<ul style="list-style-type: none"> •Built-in, Direct USB connection for quick file transfer to a PC, Up to 55 hours of battery life for extended recording, Adjustable microphone range for clearer voices, Auto voice recording to reduce background noise, Inclusion: IC Recorder, size AAA alkaline batteries (2), Operating Instructions, USB direct connection for quick file transfer, Capability to transfer files to or from a computer Direct plugging to a free USB port for immediate connection—no USB cable needed., with the micro SD card slot, with 4 GB of memory built-in, max recording time up to 59h 35m when recording in stereo at MP3 128 kbps. Extra-long battery life , When recording with the built-in mic at MP3 192/128 kbps, the supplied AAA battery will last for up to 55 hours. Adjustable microphone range for clearer voices, Adjustable microphone settings. 	
2. UPS	2	<p>Output • Output power capacity: 450Watts / 800VA • Max Configurable Power (Watts): 450Watts / 800VA • Nominal Output Voltage: 230V • Output Frequency (not synced): 50/60 Hz +/-1 Hz • Topology: Line Interactive • Waveform type: Stepped approximation to a sine wave • Transfer Time: 6ms typical : 10ms maximum</p> <p>Input • Nominal Input Voltage: 230V • Input frequency: 50/60 Hz +/- 5 Hz (auto sensing) • Input Connections: IEC-320 C14 • Cord Length: 1.52meters • Number of Power Cords: 1</p> <p>Batteries & Runtime • Battery type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof • Expected Battery Life (years): 3 - 5</p>	
3. External hard drive (2TB)	7	<ul style="list-style-type: none"> •2TB Storage Capacity •Micro-USB 3.0 Interface •Bus Powered •Data Protection with Hardware Encryption 	
4. Powerbank	3	<p>Quick Charge 3.0 - Charge compatible devices up to 4 times faster than conventional charging - AiPower Adaptive Charging Technology - Adaptively charges all 5V USB powered devices including Android and Apple devices at up to 2.4A - 30000mAh</p> <p>Recharge the power bank using either Lightning cable or micro USB cable.</p> <p>Package Contents: 30000mAh Power Bank, USB-A to USB-C Cable, User Manual</p>	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
5. Dual band Router	1	<p>Enables an external hard drive flash drive memory card reader USB webcam USB speaker USB Multi-Function Printer (MFP) or Other USB Devices to be shared on a network.</p> <p>When connecting USB Server to a wireless router users can access their multimedia content and USB devices wirelessly. The UPnP technology enables quick and easy setup and configuration in a Windows environment.</p> <p>Features: -</p> <p>Enables an external hard drive flash drive memory card reader USB webcam USB speaker USB Multi-Function Printer (MFP) or Other USB Devices to be shared on a network. Real Share 4 USB devices through home or office network Share an external hard drive flash drive or memory card reader with multiple users over a network.</p> <p>Share a USB webcam over a network</p> <p>Supported protocols: LPR/LPD DHCP UPnP Supports Windows Vista Ralinkly Technology Compatible</p> <p>Operating Systems: Windows 95 Windows 98 Windows ME Windows NT Windows 2000 Windows XP (32-bit and 64-bit) Windows Vista (32-bit and 64-bit) Windows 7 (32-bit and 64-bit)</p>	
6. Mouse	7		
7. Mouse (wireless)	1		
8. Keyboard	2		
9. 4gb RAM for desktop	2	<p>8GB 2400Mhz DDR4 Desktop Memory</p> <p>Warranty Period: 1 Year</p>	
10. 4gb RAM for laptop	2	<p>8GB 2400Mhz DDR4 Laptop Memory</p> <p>Warranty Period: 1 Year</p>	
11. Flash drive (32gb)	16		
12. Card reader	3		
13. Android cellular phone	1	<ul style="list-style-type: none"> •6.4"FHD + AMOLED •Octa-Core 1.8GHz •4GB ROM •64GB ROM •16MP (F1.7 Low Light) + 5MP (Ultra Wide Angle) •16MP (Selfie Focus) •Android 9.0 Pie •4,000mAh 15W Fast-Charging •Rear Fingerprint Sensor •Face Recognition Unlock •USB Type-C 	
14. Laser pointer with clicker	1	<p>1.5 in (38 mm) x 5.28 in (134 mm) x 1.1 in (28 mm)</p> <p>Weight: 2.5 oz (71 g)</p> <p>0.65 in (16.5 mm) x 2.31 in (58.6 mm) x 0.31 in (7.9 mm)</p> <p>Receiver Weight: 0.21 oz (6 g)</p> <p>Color: Black</p> <p>Laser Class: Class 2 Laser</p> <p>Laser Color: Green</p> <p>Max Output: Less than 1mW</p> <p>Wave Length: 522~542 nm (green light)</p> <p>Battery type: 2 AAA batteries</p> <p>Battery life (Laser pointer): 20-hour maximum</p> <p>Battery life (Presenter): 1050-hour maximum</p> <p>Wireless operating distance: Approx 30m1</p> <p>Wireless technology: 2.4 GHz wireless technology</p>	

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15. IP Camera	3	HD: 1080P(1920*1080), 2.0 MP, 3x digital zoom, 2.8mm Lens, H265 Audio : Built-in Mic & Speaker. Supports two-way audio, Easily communication Onvif Protocol: Support 2.4 version or above NVR (Note: NVR must support H265) TF Card: Support max 128GB TF card for recording and playback. AP Hotspot: Support setting and viewing the camera via AP Hotspot. Alarm: Support Motion detection alarm, Phone push alarm and Email alarm. Privacy Setting: Support setting 4 privacy areas on monitoring screen. Privacy Protection: System defaults the first user as administrator, other users accessing the camera need administrator's authorization, otherwise they can't view it. PC Client : viewing App supports 1-, 4-, 9-, 16-Channel IP Camera centralized monitor, record and playback on Windows PC.	
16. Printer ink set	6	Epson Original Ink Bottle T6641- T6644 70 ml Set of 7 Black 4pcs. Cyan 1, Magenta 1, Yellow 1	
END-USER 10: DMO Calamian			
1. Recorder	1	mini digital voice recorder audio pen dictaphone small sound recorder voice activated	
2. UPS	3	Output power capacity : 450Watts /800VA Max Configurable Power (Watts) : 450Watts /800VA Nominal Output Voltage : 230V Output Frequency (not synced) : 50/60 Hz +/-1 Hz Topology : Line Interactive Waveform type : Stepped approximation to a sinewave Transfer Time : 6ms typical : 10ms maximum Nominal Input Voltage : 230V Input frequency : 50/60 Hz +/- 5 Hz (auto sensing) Input Connections : IEC-320 C14 Cord Length : 1.52meters Battery type : Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof Expected Battery Life (years) : 3 - 5 Control panel : LED Status display with On Line : On Battery Audible Alarm : Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm Operating Temperature : 0 - 40 °C Operating Relative Humidity : 0 - 90 % Operating Elevation : 0-1968.3meters Audible noise at 1 meter from surface of unit : 40.0dBA	
3. External hard drive (2TB)	5	2TB, Read-Write speeds of up to 540 MB/s, with rubber cover	
4. Powerbank	2	Size -2.56*2.56*5.71 inches Output -1x Type-C 5V/3A output, 1x USB 5V/2.4A Weight -20.7oz Input -DC 19V/1.6A Capacity -20100mah 2-Prong AC Output Power Bank Two Devices at Once (Type-C & Smart USB Ports) Faster Recharge Between Uses Cylindrical Design for Portability & Space Saving AC Output Power Rated Power: 65W Output Voltage: AC110-220V	
5. Network Router (Dual band Router)	1	Number of USB Interfaces:1 x USB 2.0 Wi-Fi Supported Frequency:2.4G & 5G Type:Wireless Max. LAN Data Rate:1000Mbps Standards And Protocols:Wi-Fi 802.11n,Wi-Fi 802.11b,Wi-Fi 802.11g,Wi-Fi 802.11ac Function:Firewall Package:Yes WAN Ports:1 x10/100Mbps 5G Wi-Fi Transmission Rate:867Mbps 2.4G Wi-Fi Transmission Rate:300 Mbps	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
6. Radio	1	FM: 87.5-108 MHz, MW: 522-1710 KHz TF Card Port USB Port 3.5mm jack Bluetooth Sleep Timer: 240/120/90/60/30/15 minutes Removable 1000mA rechargeable lithium battery AUX cable/charging cable	
7. Portable wi-fi	1	4G, Speeds of up to 42Mbps ,can connect up to 16 devices simultaneously,1,500mAh battery capacity up to 4 hrs	
8. Mouse (wireless)	3	2.4 GHz Wireless Foldable Folding Arc Mice Optical Portable Mouse with USB Receiver	
9. Keyboard	2	2.4G Ultra-Thin Wireless Keyboard With Mouse and USB Receiver	
10. 4gb RAM for desktop	3	4GB	
11. 4gb RAM for laptop	1	4GB	
12. Flash drive (32gb)	4	32GB	
13. Memory cards (64 GB)	2	32-64GB	
12. Card reader	2	1 Card Reader USB 3.0 SD TF OTG Type C Smart Memory Card Adapter for Laptop USB 3.0 Cardreader SD Card Reader,Read 2 Cards Simultaneously-Type C	
13. Android cellular phone	1	Type:Smartphone , Phablet , Notch Phone , Camera Phone , Selfie Phone , Bezel-less Phone Shape:Bar OS:Android OS ver:One UI (Android 9.0 Pie) SIM:Nano SIM , Dual SIM , Dual Standby CPU Speed:2.0GHz Octal Core Storage64GB RAM:4GB External Storage:MicroSD, Up to 512GB Battery:4000mAh Display Size:6.4 inches Resolution:FHD+ 2340 x 1080 Super AMOLED Features:Wi-Fi , Hotspot/Tethering , GPS , Bluetooth , Flash , Face Unlock , Fingerprint Scanner , NFC , Dual Cameras , 3.5mm Headphone Jack Dimensions:158.5 x 74.7 x 7.7 mm Weight:165 g	
14. Laser pointer with clicker	1	with clicker	
15. IP Camera	1	30-50M Day and Night Vision Support Motion Detection and Alarm Tone Function Support wireless(Wifi) and Wired two Mode Support Two-Way Audio Talk Speak Real Time Support ONVIF 2.0, Work with Our NVR Support Pan 320 degree/ Tilt 90 degree And 4X Digital Zoom Support TF Card Max 128 GB And one Month Free Cloud recording. Remotely View via the App on Smartphone	
16. Laptop universal charger	1	Rated Input Voltage: AC 110V or AC 240V Vibration Input Voltage Range: AC 95V-265V Input Power: 120W Output Voltage: 12V/15V/16V/18V/19V/20V/24V Function: with overvoltage protection, short circuit protection, overload protection	
17. White screen (portable)	1	Tripod Projector Screen 60x60 (MW)	
18. Printer ink set	14	Epson Ink Refil 664 (black, cyan, magenta, yellow)	

ITEM	NUMBER OF ITEMS	SPECIFICATIONS/REMARKS	STATEMENT OF COMPLIANCE
19. Plotter-scanner supplies (ink and papers)	1	ink and papers	