

Section VII. Technical Specifications

Bidders must state “**Comply**” in the column “**Statement of Compliance**” against each of the individual parameters of each “Specifications.”

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
1	<p>HIGH END DESKTOP COMPUTER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor: Total 12 Cores Performance Core, - 8, Efficient Core - 4, 20 threads, 25 MB cache, 2.10 GHz to 4.80 GHz Max Turbo Frequency - RAM: 16GB U-DIMM DDR4 Storage: 512 GB, M.2, PCIe NVMe, SSD - Graphics: 4GB GDDR5 - Display Screen: 23.8" should be same brand of the main unit. - Resolution: 1920x1080 (FHD) - Connectivity: Wireless Lan 802.11ax Wifi 6E supports MU- MIMO , - Bluetooth: 5.3 - I/O Ports Back:,HDMI supports 4k @ 60 Hz : 1,VGA port: 1,USB 2.0 Type A: 4,USB 3.2 Gen 1 Type A: 1,RJ45: 1, Display Port out (1.4): 1,PS/2 Port:1 COM port: 1,Mic-in: 1,Line-in/out: 1 - I/O Ports Front,USB3.2 Gen 2 Tyoe C: 1,USB3.2 Gen 1 Type A: 2,USB 2.0 Type A:2, Audio Jacks:1 AC Adapter/PSU: 350W 80 Plus Bronze Certified - Security: Trusted Platform Module integrated to a chip on the computer, - Mouse: Wired, optical, Same brand as the main unit - Keyboard: Wired, US English Lay-out, Same brand as the main unit - Operating System: Latest Licensed professional operating system 64 bit, - Accessories: Complete with interface cable, software drivers, power cord, and other standard accessories - Warranty: One (1) year on parts and service 	44		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
2	<p>MID-END DESKTOP COMPUTER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor: Total 6 Cores Performance Core, 12 threads 18 MB cache, 2.50 GHz to 4.40 GHz Max Turbo Frequency - RAM: 8GB U-DIMM DDR4 Storage: 512 GB, M.2, PCIe NVMe, SSD - Graphics: Integrated - Display Screen: 23.8" should be same brand of the main unit. - Resolution: 1920x1080 (FHD) - Connectivity: Wireless Lan 802.11ax Wifi 6E supports MU-MIMO - Bluetooth: 5.3,I/O - Ports Back:HDMI supports 4k @ 60 Hz: At least 1 VGA port: 1, USB 2.0 Type A: 4, USB 3.2 Gen 1 Type A: 1,RJ45: At least 1,Display Port out (1.4): 1,PS/2 Port: 1,COM port: At least 1, Mic- in: 1,Line-in/out:1 - I/O Ports Front, USB3.2 Gen 2 Type C: At least 1, USB3.2 Gen 1 Type A: At least 2,USB 2.0 Type A: At least 2 Audio Jacks: 1 - Security: Trusted Platform Module integrated to a chip on the computer,Mouse:Wired, optical, Same brand as the main unit - Keyboard:Wired, US English Lay-out, Same brand as the main unit - Operating System: Latest Licensed professional operating system 64 bit, - Accessories: Complete with interface cable, software drivers, power cord, and other standard accessories - Warranty: One (1) year on parts and service 	14		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
3	<p>HIGH-END LAPTOP 16-inch, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 12-core CPU, 38-core GPU, 16-core Neural Engine or equivalent - 64GB memory - Storage: 2TB SSD - 16-inch Liquid Retina XDR display or equivalent - Three Thunderbolt 4 ports or equivalent - HDMI port, SDXC card slot, headphone jack, MagSafe 3 port or equivalent - At least 140W USB-C Power Adapter - Battery life: up to 22 hours - Supports Wi-Fi 6E - Supports 8K displays. - 1080p HD camera - Six-speaker sound system, and studio-quality mics - Keyboard with Touch fingerprint scanner - US English - Accessory Kit - Software: Photos or equivalent, iMovie or equivalent, GarageBand or equivalent - Operating System: Latest Licensed operating system 64 bit - Warranty: At least 1-year warranty, including technical support and hardware replacement services 	2		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
4	<p>HIGH-END LAPTOP 14-inch, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 12-core CPU, 19-core GPU, 16-core Neural Engine or equivalent - 16GB memory - Storage: 1TB SSD - 14-inch Liquid Retina XDR display or equivalent - Three Thunderbolt 4 ports or equivalent, HDMI port, SDXC card slot, headphone jack, MagSafe 3 port or equivalent - Battery life: up to 22 hours - Supports Wi-Fi 6E - Supports 8K displays. - 1080p HD camera - Six-speaker sound system, and studio-quality mics - Keyboard with Touch fingerprint scanner - US English - Accessory Kit - Software: Photos or equivalent, iMovie or equivalent, GarageBand or equivalent - Operating System: Latest Licensed operating system 64 bit - Warranty: At least 1-year warranty, including technical support and hardware replacement services. 	2		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
5	<p>HIGH-END LAPTOP 13-inch, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 8-core CPU, 10-core GPU, 16-core Neural Engine or equivalent - 8GB memory - Storage: 512GB SSD - 13-inch Retina display with True Tone or equivalent - Two Thunderbolt / USB 4 ports with support for: Charging Display Port Thunderbolt 3 (up to 40 Gbps) USB 4 (up to 40 Gbps) USB 3.1 Gen 2 (up to 10 Gbps) or equivalent - Keyboard with Touch fingerprint scanner - US English - supports up to 20 hours of battery life Supports Wi-Fi 6 - 13.3-inch (diagonal) LED-backlit display with IPS technology; 2560-by-1600 native resolution at 227 pixels per inch with support for millions of colors - HD camera - Accessory Kit - Software: Photos or equivalent, iMovie or equivalent, GarageBand or equivalent - Operating System: Latest Licensed operating system 64 bit - Warranty: At least 1-year warranty, including technical support and hardware replacement services. 	33		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
6	10.9-inch Tablet PC, brand new Complies with the following minimum requirements: <ul style="list-style-type: none"> - At least Chipset/Processor: 64-bit ARMv8.5- A or equivalent - 4-core graphics - 16-core Neural Engine - At least 10.9 Liquid Retina display or equivalent - Storage: 256GB Supports Wi-Fi 6 - Built-in: 12MP Wide back camera - Built-in: 12MP Ultra Wide front camera - Built-in: High-quality mics - Built-in: Stereo speakers Touch fingerprint scanner - Warranty: At least 1-year warranty, including technical support and hardware replacement services. 	2		
7	HIGH -END LAPTOP 15.6-inch, brand new Complies with the following minimum requirements: <ul style="list-style-type: none"> - Processor: 14-core, 24M Cache, up to 4.70 GHz - Display: 15.6in QHD (2560*1440), 165Hz - Graphics: GDDR6 8GB Memory: DDR4 16GB 3200MHz - Storage: 1TB NVMe PCIe SSD - Keyboard: keyboard with independent numeric keypad, international language support, and power button - Touchpad: Multi-gesture secure touchpad, supporting two-finger scroll - Battery: 4-cell - Webcam: 1 MP front camera - Audio: headset and microphone 2-in-1 jack x 1 - Wi-Fi: IEEE 802.11a/b/g/n/ac, 2.4 GHz and 5 GHz, 2 x 2 MIMO, WPA / WPA2 / WEP - Bluetooth: Yes - Operating System: Latest Licensed professional operating system 64 bit, - Accessories: Complete with interface cable, software drivers, power cord - Warranty: One (1) year on parts and service 	3		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
8	<p>HIGH-END LAPTOP COMPUTER (TOUCH SCREEN), brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor:4Cores 8Threads, 8MB Cache, Base Frequency 2.40GHz Turbo Frequency 4.20GHz - Memory:16GB DDR4 3200MHz, Two (2) Memory Slots, Expandable Up to 32GB - Display:14.0" display with IPS (In-Plane Switching) technology, Touchscreen Full HD 1920 x 1080 - Storage:512GB PCIe NVMe SSD - AudioTwo built-in stereo speakers, Built-in microphone - Networking WLAN:802.11a/b/g/n/acR2+ax wireless LAN, Dual Band (2.4GHz and 5GHz), 2x2 MU-MIMO technology, Supports Bluetooth 5.1 - LAN:Gigabit Ethernet 10/100/1000, Wake-on- LAN ready - I/O ports: HDMI port, Headphone/speaker jack, Ethernet (RJ-45) port, DC-in jack for AC adapter - USB Type-C port: USB 3.2 Gen 2 (up to 10Gbps) - Display Port over USB-C,Thunderbolt 4, Two USB 3.2 Gen 2 ports - Camera: 720p HD - Card reader: Micro SD Card reader - Finger Print: Finger Print reader - Battery: 3-cell Li-ion battery Battery Life: Up to 13.5 hours Operating - System: Latest Licensed professional operating system 64 bit, - Accessories: Complete with interface cable, software drivers, power cord - Warranty: One (1) year on parts and service 	20		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
9	<p>HIGH-END SERVER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - At least 2 X Processor: 3.2GHz, 16C/32T, 128M Cache (190W) DDR4-3200 - At least 4 X 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE - Server Motherboard: Compatible with the processor, memory, hard disk drive, and power supply specifications. - At least 4 X 1.2TB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in with 3.5in SAS/SATA Backplane - Support RAID Controller: 0,1, 5 ,10 8X DVD-ROM USB EXTERNAL - At least 2 X Hot Plug Power Supply - At least 2 X port Gigabit Ethernet10/100/1000 - At least 2U Rack mounted - Warranty: At least 3-year warranty, including technical support and hardware replacement services. - Basic Next Business Day 36 Months Support and Next Business Day Onsite Service. 	1		

Lot 1 – ICT Equipment				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
10	<p>24 PORT MANAGED PoE SWITCH, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 24-port 10/100/1000 Mbps switch Managed - 24-ports POE switch ports Layer 2 Switch, Manageable - Network Features: Static routing, QoS, Voice/Guest VLAN - Security: 802.1x, Web-based Authentication - Included: Switch, Power cord or adapter, Rackmount: yes - At least 1U Rack mounted Voltage: 220 to 240 VAC - OEM Requirement: Yes - Must be a recognized product or a recognized brand only - Compliance: At least RoHS - Installation and configuration are included - Warranty: One (1) year on parts and service 	2		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
1	<p>DIGITAL MULTI-FUNCTION PRINTER, MONOCHROME (Heavy duty), brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Functions: Print, Scan, Copy - Print speed: Up to 38 ppm (A4) @ normal mode Monthly duty cycle: Up to 100,000 pages - Print resolution: Up to 1200 x 1200 dpi Paper tray: 2 - Input tray 1 capacity: 100-sheet Input tray 2 capacity: 250-sheet - Media types: Paper (plain, photo, rough, vellum), envelopes, labels, cardstock, postcards, etc. Media sizes: A4, Letter, Legal - Processor speed: 800 MHz Memory, standard: 2 GB Automatic 2-sided printing: Yes - Connectivity, standard: 2 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0; 1 Gigabit Ethernet 10/100/1000 - Software compatibility: Windows 7/8/10/11; Apple® OS X or equivalent Complete with interface cable, software drivers, power cord, and other standard accessories - Voltage: 220 to 240 VAC - Copy speed A4: Up to 38 cpm Black - Scanner type: Flatbed, ADF - Scan resolution: Up to 600 x 600 dpi - Scan speed Mono: Up to 29 ppm/46 ipm With initial toner included - Warranty: One (1) year on parts and service 	5		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
2	<p>PROJECTOR, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - At least Dual HDMI inputs for multiplatform digital connectivity - At least 4000 ANSI Lumen High Brightness for Stunning Presentations - At least 20,000:1 High Native Contrast for Crisp Readability - At least 1.1x Zoom Ratio for High Setup Flexibility Display: - Projection System: At least DLP - Single DMD type: At least 0.55" XGA - Native Resolution: At least 1024 x 768 pixels - Brightness: At least 4000 ANSI Lumens Contrast Ratio: At least 20,000 : 1 - Display Color: At least 30 Bits/1.07 Billion Colors - Aspect Ratio: At least Native 4:3 (5 aspect ratio selectable) Light Source: At least Lamp - Light Source life: At least Normal 6000 hr Economic, 10000 hr, SmartEco 10000 hr, LampSave 15000hr - Throw Ratio: At least 1.96~2.15 Zoom Ratio: At least 1.1x - Keystone Correction: At least Auto ID, Vertical +/- 40 degrees Projection Offset: At least 110.0% - Projection Size: At least 30"~300" - Built-in Speaker: At least 10Wx1 - Complete with interface cable, software drivers, power cord, and other standard accessories - Warranty: One (1) year on parts and service 	1		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
3	<p>LASER PRINTER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Print speed: Up to 28 ppm (A4) @ normal mode - Print Mode: Black and White - Monthly duty cycle: Up to 30,000 pages Print resolution: Up to 1200 x 1200 dpi - Paper tray input capacity, standard: 250-sheet input tray - Media types: Paper (plain, photo, rough, vellum), envelopes, labels, cardstock, postcards, etc. - Media sizes: A4, Letter, Legal - Processor speed: 800 MHz Memory, standard: 256 MB - Connectivity, standard: 1 Hi-Speed USB 2.0; 1 Ethernet 10/100 network - Software compatibility: Windows 7/8/10/11; Apple® OS X - Complete with interface cable, software drivers, power cord, and other standard accessories - With standard-capacity toner included - Voltage: 220 to 240 VAC - Warranty: One (1) year on parts and service 	3		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
4	<p>COLOR PRINTER, ALL-IN-ONE, with refillable ink tank, brand new. Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Print, Scan, Copy - Nozzle Configuration: 400 x 1 nozzles Black, 128 x 1 per Colour (Cyan, Magenta, Yellow),Ink - Bottles: With initial inks (Black, Cyan, Magenta, Yellow) - Maximum Printing Resolution:4800 x 1200 dpi - Print Speed: Draft Text - Memo, A4 (Black): Up to 33 ppm - Draft Text - Memo, A4 (Colour): Up to 20 ppm - Automatic 2-sided printing: Yes - Paper Handling, Number of Paper Trays: 1 - Paper Hold Capacity - Input Capacity: Up to 250 sheets of Plain Paper(80 g/m2), Up to 20 sheets of Premium Glossy Photo Paper - Output Capacity: Up to 30 sheets of Plain Paper (80 g/m2), Up to 20 sheets of Premium Glossy Photo Paper," Paper Size:A4, Letter, Legal" - Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24") - Interface USB: USB 2.0,Network: Ethernet, Wi-Fi IEEE 802.11b/g/n - Software compatibility: Windows 7/8/10/11; Apple® OS X - Voltage: AC 220-240 V,Copy Speed, A4 (Black) - Flatbed: Up to 11.0 ipm,A4 (Colour) - Flatbed: Up to 5.5 ipm, - Maximum Copy Resolution: 600 x 600 dpi - Maximum Copy Size: A4, Letter - Scanner Type: Flatbed colour image scanner - Sensor Type: Contact image sensors (CIS) - Optical Resolution: 1200 x 2400 dpi, - Maximum Scan Area: 216 x 297 mm (8.5 x 11.7") - Scanner Bit Depth: Colour: 48-bit input, 24-bit output - Grayscale: 16- bit input, 8-bit output - Black & White: 16-bit input, 1-bit output - Scan Speed (Flatbed):Monochrome: 12 sec; Colour: 27 sec - Complete with interface cable, software drivers, power cord, and other standard accessories, - Warranty: One (1) year on parts and service. 	19		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
5	<p>FLATBED SCANNER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Scanner Type:Flatbed color document scanner - Optical Resolution: - Flatbed: 1200 dpi (relax to up to 600dpi) - ADF: 600 dpi - Hardware Resolution: Flatbed: 1200 x 1200 dpi - ADF: 600 dpi - Color Bit Depth: RGB x 30-bit internal/external - Grayscale Bit Depth:8-bit per pixel internal/external (Grayscale Bit Depth:256/24-bit external 48bit per internal) requesting to increase - Optical Sensor: Contact Image Sensor (CIS) - At least Scan Area:Flatbed: 8.5" x 11.7" At least ADF: 8.5" x 14" - Scanning Speed:25 ppm simplex, (300 dpi, Black-and-White, Grayscale, Color) - Automatic Document Feeder - Capacity: At least 60 sheets - Document Sizes:8.5" x 11.7" duplex/simplex, 8.5" x 14" simplex 3.5" x 6.7" duplex, 3.5" x 5" simplex - Daily Duty Cycle:1,500 sheets - Software compatibility: Windows 7/8/10/11; Apple® OS X - Complete with interface cable, software drivers, power cord, and other standard accessories - Voltage: 220 to 240 VAC - Warranty: One (1) year on parts and service 	3		

Lot 2 – Office Printers, Scanners, and Projector				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
6	<p>PORTABLE, WIRELESS MOBILE PRINTER, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 4-color (CMYK) drop-on-demand MicroPiezo inkjet technology - Print Resolution 5760 x 1440 optimized dpi - Photo Print Speed:4" x 6" borderless photo in as fast as 77 sec" - Print Speed: Black 6.7 ppm / Color 3.8 ppm (AC Power) - Black 3.5 ppm / Color 2.0 PPM (Battery power) - Standard Connectivity: Hi-Speed USB - Wireless (802.11 b/g/n)2 - Paper Handling: Paper Size 8.5" x 14" - Borderless Photo Sizes 4" x 6" - Input Paper Capacity: 20 sheets plain paper, 1 envelope, 5 sheets photo paper - Voltage: AC 220-240 V - Software compatibility: Windows 7/8/10/11; Apple® OS X - Complete with interface cable, software drivers, power cord, and other standard accessories - With starter ink cartridges included Warranty: One (1) year on parts and service 	6		

Lot 3 – Software Applications				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
1	<p>LATEST LICENSED SOFTWARE APPLICATIONS, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Latest (Word processing, spreadsheet & slides presentation) for Business, - perpetual-license - without annual fee subscriptions - Online download installer with CD key. 	168		
2	<p>MULTIMEDIA EDITING SOFTWARE ALL APPS, brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Video editing software for film, TV, Web, Creative tools, integration with other multimedia apps and services, and the power to help you craft footage into polished films and videos in one seamless workflow. - Create vector-based graphics and illustrations for print, web, video, and mobile - Create custom-branded graphics, web pages, and video stories in minutes - Easily create high quality, photorealistic 3D images - Browse, organize, and search your photos and design files in one central place - Subscription for twelve (12) months 	9		

Lot 3 – Software Applications				
Item No.	Description	Qty.	Actual Brand/Model being Offered	Statement of Compliance
3	PORTABLE DATA FILE READER, brand new Complies with the following minimum requirements: <ul style="list-style-type: none"> - PDF Reader -Capture Web Images as PDF file - Optimize PDF Output - Scan Paper Documents with OCR technology to create compact searchable PDF - Scan to PDF with OCR to be an editable document file - Subscription for twelve (12) months 	11		

Conforme:

Bidding for:

☐ Lot 1

☐ Lot 2

☐ Lot 3

Full Name and signature
of Bidder/Authorized Rep
Designation
Name of Company

: _____
: _____
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