

Section VII. Technical Specifications

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

SUPPLY, DELIVERY AND TESTING OF SPECIALIZED ICT EQUIPMENT (PROCUREMENT/CONTRACT NO. 2023-PCO-091-A)				
Item No.	Item Description <i><u>Bidders shall comply with the following minimum Technical Specifications:</u></i>	QTY	Brand Offered	Statement of Compliance
1.0	<p>HIGH END LAPTOP 14-inch, latest and brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor: Total 8-core/16-thread, 20MB cache, up to 4.7 GHz max boost - Storage: 1TB, M.2, PCIe NVMe, SSD - Graphics: 8GB GDDR6 - 14" QHD (2560 x 1600) - Operating System: Latest Licensed professional operating system 64 bit - Latest (Word processing, spreadsheet & slides presentation) for Business, perpetual-license, without annual fee subscriptions, Online download installer with CD key. - Accessories: Complete with interface cable, software drivers, power cord, and other standard accessories - Warranty: At least one (1) year warranty, including technical support and hardware replacement services. <p><i>-or its equivalent or better-</i></p>	10		
2.0	<p>MID-END LAPTOP 14-inch, latest and brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor: 2.4 GHz (8M Cache, up to 4.2 GHz, 4 cores) - Display: 14.0-inch, FHD (1920 x 1080) - Storage: 512GB SSD - RAM: 8GB DDR4 - Complete with interface cable, power cord 	25		

	<ul style="list-style-type: none"> - Operating System: Latest Licensed professional operating system 64-bit, - Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p>-or its equivalent or better-</p>			
3.0	<p>HIGH-END VIDEO EDITING LAPTOP 16-inch, latest and brand new</p> <ul style="list-style-type: none"> - 12-core CPU, 38-core GPU - RAM: At least 96GB memory - Storage: At least 8TB SSD - Screen: At least 16-inch - Resolution: refresh rates up to 120Hz - Three 3 High-speed ports, HDMI port, SDXC card slot, headphone jack, Magnetic Charging Compatibility, At least 140W USB-C Power Adapter - Keyboard with biometric authentication - Accessory Kit: Port adaptor to HDMI or equivalent, LAN, Card reader <p>Software:</p> <ul style="list-style-type: none"> - Operating System: Latest Licensed operating system 64 bit - Latest (Word processing, spreadsheet & slides presentation) for Business, perpetual-license, without annual subscription fees, Online download installer with CD key. - Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p>-or its equivalent or better-</p>	8		
4.0	<p>HIGH-END LAPTOP 13-inch, latest and brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor:8-core CPU, 7-core GPU, 16-core - RAM: 8GB - Storage: 256GB SSD - 13-inch display - Two High-speed ports / USB 4 ports - At least 30W USB-C Power Adapter - Keyboard with biometric authentication - Complete with interface cable, power cord 	10		

	<ul style="list-style-type: none"> - Operating System: Latest Licensed professional operating system 64 bit - Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p>-or its equivalent or better-</p>			
5.0	<p>32-inch, 4K HDR, 1600 nits, 1,152 zones Mini LED Backlight, 120Hz VRR, FreeSync2 HDR, Dolby Vision, HDR-10, HLG, $\Delta E < 1$, DCI-P3, Hardware Calibration Ports: 2 USB C ports at 10gbps or better DisplayPort 1.4 DSC x 1 HDMI(v2.1) x 1, HDMI(v2.0) x 2 USB Hub : 3x USB 3.2 Gen 2 Type-A USB-C Power Delivery : 60W or its equivalent or better</p>	8		
6.0	<p>HIGH-END DESKTOP (64GB memory, 2TB SSD), latest and brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Processor: 24-Core, 68MB Cache, 3.0GHz to 5.8GHz Boost - Clock Videocard: 24GB GDDR6X - RAM: 64GB DDR5, 4800 MT/s - Storage: 2TB SSD - WIRELESS: Wi-Fi 6E - Keyboard and mouse - Front I/O Ports: 1 x USB 3.2 Gen 2 Type C 2 x USB 3.2 Gen 1 Type A 1 x Mic in / 1 x Headphone out - Rear I/O ports: 1 x USB 3.2 Gen 2x2 Type C 3 x USB 3.2 Gen 2 Type A 2 x USB 2.0 Type A 1 x Supports HDMI™ 1.4 2 x RJ45 (2.5G + 1G LAN) 1 x PS/2 5 x Audio Jack 1 x S/PDIF - Complete with interface cable, power cord - Software Operating System: Latest Licensed operating system 64 bit - Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p>-or its equivalent or better-</p>	4		
7.0	<p>HIGH-END DESKTOP (192GB memory, 4TB SSD), latest and brand new</p>	4		

	<p>Complies with the following requirements:</p> <ul style="list-style-type: none"> - Processor: 24-core CPU, 76-core GPU, 32-core Neural Engine - RAM. : 192GB unified memory - Storage: 4TB SSD - Front: Two peripheral connection ports, one SDXC card slot - Back: Four 4 High-speed ports, two USB-A ports, one HDMI port, one 10Gb Ethernet port, one 3.5 mm headphone jack - Accessories: Complete with interface cable, power cord, and other standard accessories - Software Operating System: Latest Licensed operating system 64 bit - Latest (Word processing, spreadsheet & slides presentation) for Business, perpetual-license, without annual fee subscriptions, Online download installer with CD key. - Warranty: At least one (1) year warranty, including technical support and hardware replacement services. <p>or its equivalent or better</p>			
8.0	<p>EXTERNAL SOLID-STATE DRIVE (2TB), brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - 2TB Total Storage Capacity. Up to 1050 MB/s Read Speed. Up to 1000 MB/s Write Speed - Warranty: At least one (1) year warranty, including technical support and hardware replacement services. <p>-or its equivalent or better-</p>	20		
9.0	<p>NETWORK ATTACHED STORAGE (200TB), brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Network Attached Storage (NAS) 6-core (12-thread) 2.2 GHz, turbo boost up to 2.7 GHz 	1		

	<ul style="list-style-type: none"> - Hardware encryption AES-NI - Memory 16 GB DDR4 ECC SODIMM (Upgradable up to 48 GB) - Compatible drive types • 12 x 3.5" or 2.5" SATA HDD/SSD - Hot swappable drives Yes - At least 200TB Storage Drive - External ports: 2 x USB 3.2 Gen 1 ports - 2 x Expansion ports (Mini-SAS HD) - Form factor Desktop LAN ports <ul style="list-style-type: none"> • 1 x 1GbE RJ-45 • 2 x 1GbE RJ-45 • 2 x 10GbE RJ-45 Wake on LAN/WAN Yes - Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p><i>-or its equivalent or better-</i></p>			
10.0	<p>NETWORK ATTACHED STORAGE (100TB), latest and brand new</p> <p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Network Attached Storage (NAS) 6-core (12-thread) 2.2 GHz, turbo boost up to 2.7 GHz - Hardware encryption AES-NI - Memory 16 GB DDR4 ECC SODIMM (Upgradable up to 48 GB) - Compatible drive types • 12 x 3.5" or 2.5" SATA HDD/SSD (drives not included) - Hot swappable drives: Yes - At least 100TB Storage Drive - External ports • 2 x USB 3.2 Gen 1 ports • 2 x Expansion ports (Mini-SAS HD) - Form factor Desktop LAN ports <ul style="list-style-type: none"> • 1 x 1GbE RJ-45 • 2 x 1GbE RJ-45 • 2 x 10GbE RJ-45 Wake on LAN/WAN: Yes Warranty: At least one (1) year warranty, including technical support and hardware replacement services <p><i>-or its equivalent or better-</i></p>	2		
11.0	ACCESS POINT, latest and brand new	24		

	<p>Complies with the following minimum requirements:</p> <ul style="list-style-type: none"> - Wi-Fi 6 (802.11ax) indoor wireless access point, selectable dual-band (5G+5G or 2.4G+5G), up to 4 total spatial streams and maximum 2.4Gbps wireless throughput, 1 10/100/1000BASE-T uplink port, integrated with Bluetooth Low Energy support PoE and local power supply; Bundled with Access Point Cloud Service lifetime license. - 1-port PoE Adaptor (1000base-T, PoE+) The configuration of Access Point cloud setup included <p>Maintenance Services includes:</p> <ul style="list-style-type: none"> - Includes 8 x 5 Technical Support Service within the subscription period. - Support service includes (remote access assistance through web, phone, email and vpn access) - Supply and delivery within PCO Head Office. Onsite configuration and testing of the Access Point is within PCO Head Office. Supplier will provide remote assistance during the deployment of Access Point to VMH, CEBU. - Warranty and Support Warranty: At least one (1) year warranty, including technical support and hardware replacement services. <p>-or its equivalent or better-</p>			
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Conforme:

Full Name and Signature of Bidder/Authorized Rep. :

Designation : _____

Name of Company : _____