



Office of the Bids and Award Committee

August 27, 2026

SUPPLEMENTAL/BID BULLETIN (SBB) NO. 2026-32

This SBB No. 2026-32 for Project ID No. GS-2026-36, *“Supply Delivery and Installation of Various ICT Equipment”* is issued to clarify/amend certain provisions in the Bidding Documents for the above-mentioned project, pursuant to Section 51.4 and Section 51.5 of the IRR of RA 12009. Accordingly, this shall form an integral part of the Bidding Document.

ITB Clause	PARTICULARS	AMENDMENT/CLARIFICATION
BDS		
26.5(a)		
STF		
	LOT 3 PR: 922 (ANIMAL SCIENCE)	LOT 3 PR: 922 (ANIMAL SCIENCE)
3	Desktop Computer- Intel Core i7 13700 Processor, Processor: i7 13700 (2.1GHz base frequency, up to 4.2GHz, L3 Cache 30MB, Hexadeca-Core), RAM Memory: 16GB DDR4-2666MHz, Internal Storage: 1TB SSD, graphics Card (integrated); Intel UHD Graphics 770, PC Case: Full Size: RGB PC case, LED FAN *4, AT LEAST 23.8” LED IPS Full HD MONITOR, Resolution: 1920 x 1080 (VGA+HDMI), ATX Casing with 800watts Power Supply, A4tech KRS-8572 USB Keyboard & USB Optical Mouse w/Gelwrist, Secure AVR Automatic Voltage Regulator (AVR); Secure 650 VA UPS, Licensed: Microsoft Windows 11 PRO 64-bit single, Language OEM, Licensed : Microsoft Office Home & Student 2021	Desktop Computer- AT LEAST Intel Core i7 13TH GEN OR HIGHER Processor, Processor: i7 (2.1GHz base frequency, up to 4.2GHz, L3 Cache 30MB, Hexadeca-Core), RAM Memory: 16GB DDR4, Internal Storage: 1TB SSD, graphics Card (integrated); Intel UHD Graphics, PC Case: Full Size: RGB PC case, LED FAN *4, AT LEAST 23.8” LED IPS Full HD MONITOR, Resolution: 1920 x 1080 (VGA+HDMI), ATX Casing with 800watts Power Supply, A4tech KRS-8572 USB Keyboard & USB Optical Mouse w/Gelwrist, Secure AVR Automatic Voltage Regulator (AVR); Secure 650 VA UPS, Licensed: Microsoft Windows 11 PRO 64-bit single, Language OEM, Licensed : Microsoft Office Home & Student 2021
	LOT 4 PR: 907(CAS)	LOT 4 PR: 907(CAS)
4	All in One Computer Product Description: Branded, High Quality, Intel® Core 5 120U 12M Cache, up to 5.00 GHz 8GB DDR5 RAM 512GB M.2 NVMe? PCIe® 3.0 SSD, Without HDD Non-touch screen, AT LEAST 23.8-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, sRGB: 100%, Screen-to-body ratio88 % WiFi 6(802.11ax) (Dual band) 2*2 +	All in One Computer Product Description: Branded, High Quality, Intel® Core 5 120U 12M Cache, up to 5.00 GHz 8GB DDR5 RAM 512GB M.2 NVMe? PCIe® 3.0 SSD, Without HDD Non-touch screen, AT LEAST 23.8-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, sRGB: 100%, Screen-to-body ratio88 % WiFi 6(802.11ax) (Dual band)

	Bluetooth® 5.3 Wireless Card Windows 11, Keyboard, Mouse with atleast 1 year warranty	2*2 + Bluetooth® 5.3 Wireless Card Windows 11 HOME , Keyboard, Mouse with atleast 1 year warranty
	LOT 5 PR: 924(OPRI)	LOT 5 PR: 924(OPRI)
5	Single Ear Wireless Intercom Headset System for Media Production with a minimum of five (5) Headset, at least 350M LOS Range	Single Ear Wireless Intercom Headset System for Media Production with a minimum of five (5) Headset, at least 350M LOS Range  • Film and media production team talk for 6 person • Operating Frequency: 1.9GHz or 2.4GHz • 1 - Master headset single ear with rotatable mic • 5 - Remote headset single ear with rotatable mic • 1 - Battery Charging Hub up to 6 slots • 6 - Li-Ion battery pack 770 • 1 - USB-A to USB-C Cable • Up to 9 hrs. run time • Pull down the boom Mic feature
	LOT 6 PR: 973(VPAA)	LOT 6 PR: 973(VPAA)
6	Computer Desktop 3 in 1 BRANDED AIO Ultra 7 AIO Dekstop; intel Core Ultra 7 155U; 8GB DDR5 5600 MHz soDIMM; 512GB M.2 2280 PCI-e Gen4 SSD; Intel Graphics; Interated 5MP webcam with 2 stereo mic; DTS Audio, built-in stereo speakers; WLAN 802.11ax/ac/a/b/g/n. WIFI 6e & Bluetoth 5; LAN gigabit; M.2 Slot: 2; Wireless keyboard & Mouse; Warranty: 2 year labor only (2-2-0); Preinstalled MS Win 11 Home SL w/ MS Office for Home & Student MONITOR SIZE: atleast 20"	Computer Desktop BRANDED AIO Ultra 7 AIO Dekstop; intel Core Ultra 7 155U; 8GB DDR5 5600 MHz soDIMM; 512GB M.2 2280 PCI-e Gen4 SSD; Intel Graphics; Interated 5MP webcam with 2 stereo mic; DTS Audio, built-in stereo speakers; WLAN 802.11ax/ac/a/b/g/n. WIFI 6e & Bluetoth 5; LAN gigabit; M.2 Slot: 2; Wireless keyboard & Mouse; Warranty: 2 year labor only (2-2-0); Preinstalled MS Win 11 Home SL w/ MS Office for Home & Student MONITOR SIZE: atleast 20"
	LOT 7 PR: 993(OUPD)	LOT 7 PR: 993(OUPD)
7	Desktop Computer Description: CPU: Intel® Core™ i7 16 Cores/24 Threads GPU: Nvidia GeForce RTX 4060 8GB GDDR6 Memory: 2x16 GB DDR5-5600 (32GB) PSU: 750W 80 PLUS Intel Specification: ATX12V Efficiency: 80Plus Bronze Protection Features: OPP/OVP/UVP/SCP/OCP/OTP Hazardous Materials: ROHS AC Input Range: 100-240Vac DC Output Voltage: +3.3V +5V +12V -12V +5Vsb Maximum Load: 25A 25A 62A 0.8A 3A	Desktop Computer Description: CPU: Intel® Core™ i7 16 Cores/24 Threads GPU: Nvidia GeForce RTX 4060 8GB GDDR6 Memory: 2x16 GB DDR5-5600 (32GB) PSU: 750W 80 PLUS Intel Specification: ATX12V Efficiency: 80Plus Bronze AC Input Range: 100-240Vac DC Output Voltage: +3.3V +5V +12V -12V +5Vsb Maximum Load: 25A 25A 62A 0.8A 3A Storage: 1TB SSD M.2 NVMe Motherboard: mATX motherboard with PCIe 4.0,

	Storage: 1TB SSD M.2 NVMe Motherboard: Intel® B760 (LGA 1700) mATX motherboard with PCIe 4.0, DDR5, two M.2 slots, Realtek 2.5Gb Ethernet, WiFi 6, DisplayPort, Dual HDMI, SATA 6 Gbps, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C OS: Windows 11 Pro 64-bit Monitor: 27", Resolution-2560x1440, 75Hz Refresh rate USB Keyboard and Mouse UPS: 1000VA / 600W Battery: 1x 12V/9Ah	DDR5, two M.2 slots, Realtek 2.5Gb Ethernet, WiFi 6, DisplayPort, Dual HDMI, SATA 6 Gbps, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C OS: Windows 11 Pro 64-bit Monitor: AT LEAST 27", Resolution-2560x1440, AT LEAST 75Hz Refresh rate USB Keyboard and Mouse UPS: 1000VA / 600W Battery: 1x 12V/9Ah
	LOT 9 PR: 1063 (ITSM)	LOT 9 PR: 1063 (ITSM)
9	Computer (Branded) CPU: Inter core i5-14TH GEN, 10C(6P+4E)/16T Memory: 2x8, 16gb UDIMM DDR5-4800 INTEGRATED GRAPHICS (Dual-Channel Capable Slots) Storage: 512gb SSD M.2 2280 PCIe 4.0x4 NVMe Chipset: Intel B760 PSU: 450W 80+ rated Ethernet Integrated 100/1000M WLAN + Bluetooth Wi-Fi 6, 802.11ax 2X2 + BT5.2 Front Ports: 1 x USB-C, 2xUSB-A, 1x Ethernet (Rj-45), 1xHeadphone, 1xPower Connector OS: Windows 11 Pro (64-Bit) Office: MS Office Standard License USB Mouse and Keyboard Monitor: AT LEAST 23" Full HD (1980x1080), InputsL HDMI and VGA UPS: 650VA	Computer (Branded) CPU: Inter core i5-14TH GEN, 10C(6P+4E)/16T Memory: 2x8, 16gb UDIMM DDR5-4800 INTEGRATED GRAPHICS (Dual-Channel Capable Slots) Storage: 512gb SSD M.2 2280 PCIe 4.0x4 NVMe PSU: 450W 80+ rated Ethernet Integrated 100/1000M WLAN + Bluetooth Wi-Fi 6, 802.11ax 2X2 + BT5.2 Front Ports: 1 x USB-C, 2xUSB-A, 1x Ethernet (Rj-45), 1xHeadphone, 1xPower Connector OS: Windows 11 Pro (64-Bit) Office: MS Office Standard License USB Mouse and Keyboard Monitor: AT LEAST 23" Full HD (1980x1080), InputsL HDMI and VGA UPS: 650VA
10	UPS,650VA (Branded)	NO CHANGES
	LOT 10 PR: 1061 (SPMU)	LOT 10 PR: 1061 (SPMU)
11	ALL IN DESKSTOP COMPUTER; Specifications: Intel Core i7 1355U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) 16 GB DDR4-3200 MHz RAM (2 x 8 GB) 1 TB SSD PCIe NVMe M.2 SSD AT LEAST 23.8inch FHD (1920x 1080) Touch Intel® Graphics Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card , 510	ALL IN ONE DESKSTOP COMPUTER; Specifications: Intel Core i7 13TH GEN OR HIGHER (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads) 16 GB DDR4-3200 MHz RAM (2 x 8 GB) 1 TB SSD PCIe NVMe M.2 SSD AT LEAST 23.8inch FHD (1920x 1080) Touch Intel® Graphics Realtek RTL8852BE Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card , 510 White Wireless

	White Wireless Keyboard and mouse combo Shell White AIO Desktop PC Windows 11 Home/ PRO and Student; with Free: Microsoft Office Home and Student (Pre-Installed); and WITH 1200VA, 230V, AVR, Universal Sockets UPS	Keyboard and mouse combo Shell White AIO Desktop PC Windows 11 Home and Student; with Free: Microsoft Office Home and Student (Pre-Installed); and WITH 1200VA, 230V, AVR, Universal Sockets UPS
	LOT 11 PR: 1071 (OPIM)	LOT 11 PR: 1071 (OPIM)
12	All-In-One Desktop PC Windows 11 Intel RPL-R Core 7 Processor 150U 1.8 GHz (12MB Cache, up to 5.4 GHz, 10 Cores) Non-touch screen, AT LEAST 27.0-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, sRGB: 100%, 16GB DDR5 SO-DIMM, Memory Max Up to:64GB DDR4 1TB M.2 NVMe PCIe® 4.0 SSD 1x 2-in-1 card reader SD / MMC; 1x 3.5mm combo audio jack;1x USB 3.2 Gen 2 Type-C; 1x USB 3.2 Gen 1 Type-A; 1x Thunderbolt 4 supports display / power delivery;1x Kensington lock;1x DC-in;1x RJ45 Gigabit Ethernet;1x HDMI out 2.1b 1x HDMI in 1.4;2x USB 3.2 Gen 1 Type- A;2x USB 2.0 Type-A 720p HD camera with IR function to support Windows Hello With privacy shutter Built-in speakers;Built-in array microphone Wi- Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ø4.5, 120W AC Adapter, Output: 20V DC, 6.0A, 120W, Input: 100~240V AC 50/60Hz universal Wireless optical mouse Wireless black keyboard	All-In-One Desktop PC Windows 11 HOME Intel RPL-R Core 7 Processor 150U 1.8 GHz (12MB Cache, up to 5.4 GHz, 10 Cores) Non-touch screen, AT LEAST 27.0-inch, FHD (1920 x 1080) 16:9, Wide view, Anti-glare display, LED Backlit, 250nits, sRGB: 100%, 16GB DDR5 SO- DIMM, Memory Max Up to:64GB DDR4 1TB M.2 NVMe PCIe® 4.0 SSD 1x 2- in-1 card reader SD / MMC; 1x 3.5mm combo audio jack;1x USB 3.2 Gen 2 Type-C; 1x USB 3.2 Gen 1 Type-A; 1x Thunderbolt 4 supports display / power delivery;1x Kensington lock;1x DC-in;1x RJ45 Gigabit Ethernet;1x HDMI out 2.1b 1x HDMI in 1.4;2x USB 3.2 Gen 1 Type-A;2x USB 2.0 Type-A 720p HD camera with IR function to support Windows Hello With privacy shutter Built-in speakers;Built-in array microphone Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card ø4.5, 120W AC Adapter, Output: 20V DC, 6.0A, 120W, Input: 100~240V AC 50/60Hz universal Wireless optical mouse Wireless keyboard
	LOT 12 PR: 976 (VPRDE)	LOT 12 PR: 976 (VPRDE)
13	DESKTOP COMPUTER: 14th Gen Core i5 8GB RAM 256GB SSD + 1TB HDD Intel UHD 730 with SA222Q Ebi 21.5in Monitor Processor: Intel Core? i5 2.50 GHz (turbo) 4.70 GHz Cache 29.50 MB 64-bit Hyper-Threading Chipset Model: H610 Memory: 8GB, Maximum Memory 32GB Memory Slots 2 Storage: 256GB SSD + 1TB Display & Graphics: Intel? UHD 730 Graphics HDD I/O Expansions Number of PCI Express x1 Slots 1 Interfaces/Ports Total Number of USB Ports: 7 Number of PCI Express x16 Slots 1 Power Description Maximum Power Supply Wattage: AT LEAST 180 W	DESKTOP COMPUTER: 14th Gen Core i5 8GB RAM 256GB SSD + 1TB HDD Intel UHD 730 with AT LEAST 21.5in Monitor Processor: Intel Core? i5 2.50 GHz (turbo) 4.70 GHz Cache 29.50 MB 64-bit Hyper- Threading Memory: 8GB, Memory Slots 2 Storage: 256GB SSD + 1TB (HDD) Display & Graphics: Intel? UHD 730 Graphics HDD I/O Expansions Number of PCI Express x1 Slots 1 Interfaces/Ports Total Number of USB Ports: 7 Number of PCI Express x16 Slots 1 Power Description Maximum Power Supply Wattage: AT LEAST 180 W Monitor: AT LEAST 21.5inch Keyboard & Mouse: USB

	Monitor: AT LEAST 21.5inch Monitor Keyboard & Mouse: USB	
	LOT 14 PR: 1182 (LAW)	LOT 14 PR: 1182 (LAW)
15	DESKTOP Computer AMD RYZEN 5 7600X4.7 GHZ B650 MOTHERBOARD AM5 500GB SSD NVME.2 RTX 3060 TI ATX MID TOWER CASE 750 W 80+ GOLD POWER SUPPLY 16GB DDR5 5600 MHz RAM AT LEAST 24 INCH 240Hz MONITOR MOUSE AND KEYBOARD	DESKTOP Computer AMD RYZEN 5 7600X4.7 GHZ B650 MOTHERBOARD AM5 500GB SSD NVME.2 RTX 3060 TI ATX MID TOWER CASE 750 W 80+ GOLD POWER SUPPLY 16GB DDR5 5600 MHz RAM AT LEAST 24 INCH MONITOR MOUSE AND KEYBOARD WINDOWS 11 HOME
	LOT 15 PR: 1162 (VPAA)	LOT 15 PR: 1162 (VPAA)
16	All-in-One Desktop Computer Specifications: Processor: Intel Core i7/ CORE ULTRA 7 AT LEAST 13 th / Generation or higher, or equivalent; Memory: 16GB DDR4/DDR5 RAM, expandable to at least 32GB; Storage: 1TB PCIe NVMe SSD; Graphics: Integrated Intel Graphics or equivalent; Display: Minimum 27-inch IPS Display, Full HD (1920 × 1080); Camera: Integrated Full HD Webcam with microphone; Audio: Integrated speakers; Network: Gigabit LAN, Wi-Fi 6, Bluetooth; Ports: Minimum 3 USB ports, HDMI, RJ-45, audio ports; Operating System: Windows 11 Professional 64-bit, genuine licensed copy; Productivity Suite: Microsoft Office Home and Business 2024 or latest equivalent perpetual license; Accessories: Wireless or USB keyboard and mouse; Line-Interactive UPS with Automatic Voltage Regulation (AVR), minimum 650VA / 360W; Warranty: Minimum three (2) years warranty on parts, labor, and on-site service; Support: Onsite technical support with service center within Mindanao.	All-in-One Desktop Computer Specifications: Processor: Intel Core i7/ CORE ULTRA 7 AT LEAST 13 th / Generation or higher, or equivalent; Memory: 16GB DDR4/DDR5 RAM, expandable to at least 32GB; Storage: 1TB PCIe NVMe SSD; Graphics: Integrated Intel Graphics or equivalent; Display: Minimum 27-inch IPS Display, Full HD (1920 × 1080); Camera: Integrated Full HD Webcam with microphone; Audio: Integrated speakers; Network: Gigabit LAN, Wi-Fi 6, Bluetooth; Ports: Minimum 3 USB ports, HDMI, RJ-45, audio ports; Operating System: Windows 11 Professional 64-bit, genuine licensed copy; Productivity Suite: Microsoft Office STANDARD 2024 or latest equivalent perpetual license; Accessories: Wireless or USB keyboard and mouse; Line-Interactive UPS with Automatic Voltage Regulator (AVR), minimum 650VA / 360W; Warranty: Minimum ONE (1) year warranty on parts, labor, and on-site service;
	LOT 18 PR: 1190 (CBM)	LOT 18 PR: 1190 (CBM)
22	CCTV Surveillance System, 2MP Outdoor Turret Smart Dual Light IP Camera (19 pcs), 2MP Outdoor Bullet Smart Dual Light IP Camera (1 pc), 32 channels Dahua NVR with 4 sata ports (1 pc), 10TB Surveillance HDD (2 pcs), 16 ports gigabit POE switch w/ uplink (2 pcs), 8 ports gigabit switch (1 pc), Cat 6 UTP Indoor (2 pcs), Junction box (20 pcs), 6U Data cabinet with PDU (1 pc), 9U Data cabinet with PDU (1 pc), 32" Smart TV (1 pc), Installation materials	CCTV Surveillance System, 2MP Outdoor Turret Smart Dual Light IP Camera (19 pcs), 2MP Outdoor Bullet Smart Dual Light IP Camera (1 pc), 32 channels NVR with 4 sata ports (1 pc), 10TB Surveillance HDD (2 pcs), 16 ports gigabit POE switch w/ uplink (2 pcs), 8 ports gigabit switch (1 pc), Cat 6 UTP Indoor (2 pcs), Junction box (20 pcs), 6U Data cabinet with PDU (1 pc), 9U Data cabinet with PDU (1 pc), 32" Smart TV (1 pc), Installation materials and accessories:

	and accessories: Conduits, Mouldings, Screws, RJ 45, Installation accessories and consumables (1 lot), and Labor for installation (1 lot)	Conduits, Mouldings, Screws, RJ 45, Installation accessories and consumables (1 lot), and Labor for installation (1 lot)
	LOT 20 PR: 1249 (IPTBM)	LOT 20 PR: 1249 (IPTBM)
24	4-Bay Network-Attached Storage (NAS) Warranty: - Minimum 3 years, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint. Hardware (Minimum Requirements): - CPU: Quad-core, 64-bit, at least 2.0 GHz base frequency and 2.7 GHz turbo. - System Memory: Minimum 2 GB DDR4, expandable to at least 6 GB. - Memory Slots: At least 1 slot. - Drive Bays: 4 bays, hot-swappable for SATA HDD/SSD. - M.2 Slots: Minimum 2 slots for NVMe SSD. - Supported Drive Types: 3.5" SATA HDD, 2.5" SATA SSD, M.2 NVMe SSD. - Network Ports: At least 1 × 1GbE LAN port and 1 × 2.5GbE LAN port. - USB Ports: Minimum 2 × USB 3.x. - Fans: At least 2 system fans with adjustable speed modes (Full-Speed, Cool, Quiet). - Power Adapter: Minimum 90 W, AC 100–240V, 50/60 Hz. - Power Recovery: Required. - Scheduled Power On/Off: Required. - Wake on LAN/WAN: Required. - Certifications: FCC, CE, RoHS, or equivalent recognized regulatory certifications. Software / Functional Requirements (Minimum): - Backup & Cloud Integration: Must support automated backup to local drives, network drives, and public cloud services (e.g., Google Drive, OneDrive, Dropbox, or equivalent). - Backup Methods: Must allow incremental, scheduled, and versioned backups. - RAID & Data Protection: Must support RAID configurations (RAID 0,1,5,6,10 or equivalent), snapshot or versioning features, and automated integrity checks. - Management & Monitoring: Must provide a web-based interface for administration and monitoring, user/folder access control, and notifications for system events. - Remote Access: Required — Must provide secure remote access via web portal or mobile app.	4-Bay Network-Attached Storage (NAS) Warranty: - Minimum 1 year, with the item serviceable or replaceable Hardware (Minimum Requirements): - CPU: Quad-core, 64-bit, at least 2.0 GHz base frequency and 2.7 GHz turbo. - System Memory: Minimum 2 GB DDR4, expandable to at least 6 GB. - Memory Slots: At least 1 slot. - Drive Bays: 4 bays, hot-swappable for SATA HDD/SSD. - M.2 Slots: Minimum 2 slots for NVMe SSD. - Supported Drive Types: 3.5" SATA HDD, 2.5" SATA SSD, M.2 NVMe SSD. - Network Ports: At least 1 × 1GbE LAN port and 1 × 2.5GbE LAN port. - USB Ports: Minimum 2 × USB 3.x. - Fans: At least 2 system fans with adjustable speed modes (Full-Speed, Cool, Quiet). - Power Adapter: Minimum 90 W, AC 100–240V, 50/60 Hz. - Power Recovery: Required. - Scheduled Power On/Off: Required. - Wake on LAN/WAN: Required. - Certifications: FCC, CE, RoHS, or equivalent recognized regulatory certifications. Software / Functional Requirements (Minimum): - Backup & Cloud Integration: Must support automated backup to local drives, network drives, and public cloud services (e.g., Google Drive, OneDrive, Dropbox, or equivalent). - Backup Methods: Must allow incremental, scheduled, and versioned backups. - RAID & Data Protection: Must support RAID configurations (RAID 0,1,5,6,10 or equivalent), snapshot or versioning features, and automated integrity checks. - Management & Monitoring: Must provide a web-based interface for administration and monitoring, user/folder access control, and notifications for system events. - Remote Access: Required — Must provide secure remote access via web portal or mobile app. - Encryption: Required — Must support encryption for backups or cloud transfers. - Multi-Device Backup: Required — Must support backups from computers, phones, and tablets. Package Contents (Minimum): - Main unit ×1. - AC adapter ×1.

	- Encryption: Required — Must support encryption for backups or cloud transfers. - Multi-Device Backup: Required — Must support backups from computers, phones, and tablets. Package Contents (Minimum): - Main unit ×1. - AC adapter ×1. - Power cord ×1. - LAN cable ×2. - Accessory pack ×1. Notes: - NAS must support RAID configurations and standard network protocols (SMB, NFS, AFP, iSCSI). - Device must support firmware updates and security patches for at least 3 years.	- Power cord ×1. - LAN cable ×2. - Accessory pack ×1. Notes: - NAS must support RAID configurations and standard network protocols (SMB, NFS, AFP, iSCSI).
25	4TB SATA NAS Hard Drive Example Model: SEAGATE IronWolf ST4000VN006 (or equivalent NAS-grade drive) Warranty: - Minimum 1 year, with the item serviceable or replaceable within six (6) months from acknowledgment of request or complaint. Minimum Requirements / Key Features: - Storage Capacity: 4TB - Drive Type: SATA III, NAS-grade (optimized for RAID/NAS environment) - Rotational Speed: 5900 RPM (minimum) - Cache Memory: 64MB (minimum) - Form Factor: 3.5-inch - Dimensions (max): Height ≤ 26.11 mm, Width ≤ 101.85 mm, Length ≤ 146.99 mm - Condition: Brand-new, never used, factory-sealed - Compatibility: Must be fully compatible with 4-bay NAS devices and support continuous 24/7 operation. - Vibration and RAID Optimization: Must support RAID vibration tolerance and multi-bay NAS operation. - MTBF / Reliability: Minimum 1 million hours or equivalent NAS-rated reliability. Additional Specs: - Drives must be NAS-grade, not desktop drives, to ensure reliability and full efficiency in RAID configurations. - Equivalent models from other reputable brands (e.g., Western Digital Red, Toshiba N300) may be considered if they meet or exceed these specifications.	4TB SATA NAS Hard Drive Example Model: SEAGATE IronWolf ST4000VN006 (or equivalent NAS-grade drive) Warranty: - Minimum 1 year, with the item serviceable or replaceable Minimum Requirements / Key Features: - Storage Capacity: 4TB - Drive Type: SATA III, NAS-grade (optimized for RAID/NAS environment) - Rotational Speed: 5900 RPM (minimum) - Cache Memory: 64MB (minimum) - Form Factor: 3.5-inch - Dimensions (max): Height ≤ 26.11 mm, Width ≤ 101.85 mm, Length ≤ 146.99 mm - Condition: Brand-new, never used, factory-sealed - Compatibility: Must be fully compatible with 4-bay NAS devices and support continuous 24/7 operation. - MTBF / Reliability: Minimum 1 million hours or equivalent NAS-rated reliability. Additional Specs: - Drives must be NAS-grade, not desktop drives, to ensure reliability and full efficiency in RAID configurations. - Equivalent models from other reputable brands (e.g., Western Digital Red, Toshiba N300) may be considered if they meet or exceed these specifications.
	LOT 22 PR:1245(IPTBM)	LOT 22 PR:1245(IPTBM)
29	Smartphone with flash charger and SIM ejector Processor: Qualcomm Snapdragon 685 RAM:atleast 8gb Storage:atleast 128gb Battery: atleast 6500mAh BlueVolt	Smartphone with flash charger and SIM ejector Processor: Qualcomm Snapdragon 685 RAM:atleast 8gb Storage:atleast 128gb Battery: atleast 6500mAh BlueVolt

	Fast charging Display: Super AMOLED, touch screen (capacitive multi-touch) SIM Slot type: Dual SIM Network: 2G, 3G, 4G, 5G Warranty: At least one (1) year, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint.	Fast charging Display: Super AMOLED, touch screen (capacitive multi-touch) SIM Slot type: Dual SIM Network: 2G, 3G, 4G, 5G Warranty: At least one (1) year, with the item serviceable or replaceable
30	Professional-grade wireless lavalier microphone system with two (2) transmitters and one (1) receiver, compatible with mobile devices (USB-C and Lightning), intended for recording, interviews, presentations, and official documentation. 2. Minimum Technical Requirements 2.1 System Configuration - Two (2) transmitters (TX) with built-in microphones or lavalier microphones - One (1) receiver (RX) - Must support simultaneous dual-channel recording - Real-time audio monitoring capability (preferred) 2.2 Connectivity - Receiver must support: - USB Type-C (Android and compatible devices) - Lightning (ios devices) - Plug-and-play operation (no external apps required) 2.3 Audio Performance - Frequency response: 20 Hz – 20 kHz - Signal-to-noise ratio (SNR): ≥ 70 Db - Audio resolution: minimum 16-bit / 44.1 kHz - Must provide clear, low-noise audio suitable for professional recording - With built-in noise reduction or equivalent feature 2.4 Wireless Performance - Transmission type: Digital wireless (2.4 GHz or equivalent) - Transmission range: minimum 50 meters (open space, unobstructed) - Must have stable connection with minimal dropouts or interference 2.5 Battery and Power - Rechargeable transmitters and receiver - Continuous operating time: - Minimum 5 hours (transmitters)	NO CHANGES

	• Charging interface: USB-C or equivalent • Charging case (if available) is an advantage 2.6 Physical and Build Quality • Compact and lightweight design • Clip-on transmitters for hands-free use • Durable construction suitable for regular field use • With windscreen (foam or equivalent) for noise reduction 2.7 Included Accessories • Charging cable(s) • Necessary connectors/adapters (USB-C and Lightning) • Carrying case or pouch • User manual 3. Performance Requirement • The device must deliver: • Consistent, clear audio without noticeable static, distortion, or signal dropouts • Items exhibiting unstable connection, excessive noise, or poor audio clarity shall be rejected 4. Warranty • Minimum 6 months warranty against factory defects, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint.	
31	Printer Printer Type: All-in-One (Print, Scan, Copy) Maximum Resolution: 5760 \times 1440 dpi Black (ISO/A4 Simplex): Up to 10.0 ipm (images per minute) Colour (ISO/A4 Simplex): Up to 5.0 ipm (images per minute) Output Capacity: Up to 30 sheets of Plain Paper (80 g/m²) Maximum Paper Size: 215.9 \times 1200 mm Scanner Optical Resolution: 1200 \times 2400 dpi Maximum Scan Area: 216 \times 297 mm (A4/Letter) Max Copy Resolution: 600 \times 600 dpi Warranty: At least two (2) years, with the item serviceable or replaceable within six (6) months from	Printer Printer Type: All-in-One (Print, Scan, Copy) Maximum Resolution: 5760 \times 1440 dpi Black (ISO/A4 Simplex): Up to 10.0 ipm (images per minute) Colour (ISO/A4 Simplex): Up to 5.0 ipm (images per minute) Output Capacity: Up to 30 sheets of Plain Paper (80 g/m²) Maximum Paper Size: 215.9 \times 1200 mm Scanner Optical Resolution: 1200 \times 2400 dpi Maximum Scan Area: 216 \times 297 mm (A4/Letter) Max Copy Resolution: 600 \times 600 dpi Warranty: At least ONE (1) years, with the item serviceable or replaceable

	Monitor: AT LEAST 21.5inch Monitor Keyboard & Mouse: USB	
	LOT 14 PR: 1182 (LAW)	LOT 14 PR: 1182 (LAW)
15	DESKTOP Computer AMD RYZEN 5 7600X4.7 GHZ B650 MOTHERBOARD AM5 500GB SSD NVME.2 RTX 3060 TI ATX MID TOWER CASE 750 W 80+ GOLD POWER SUPPLY 16GB DDR5 5600 MHz RAM AT LEAST 24 INCH 240Hz MONITOR MOUSE AND KEYBOARD	DESKTOP Computer AMD RYZEN 5 7600X4.7 GHZ B650 MOTHERBOARD AM5 500GB SSD NVME.2 RTX 3060 TI ATX MID TOWER CASE 750 W 80+ GOLD POWER SUPPLY 16GB DDR5 5600 MHz RAM AT LEAST 24 INCH MONITOR MOUSE AND KEYBOARD WINDOWS 11 HOME
	LOT 15 PR: 1162 (VPAA)	LOT 15 PR: 1162 (VPAA)
16	All-in-One Desktop Computer Specifications: Processor: Intel Core i7/ CORE ULTRA 7 AT LEAST 13 th / Generation or higher, or equivalent; Memory: 16GB DDR4/DDR5 RAM, expandable to at least 32GB; Storage: 1TB PCIe NVMe SSD; Graphics: Integrated Intel Graphics or equivalent; Display: Minimum 27-inch IPS Display, Full HD (1920 × 1080); Camera: Integrated Full HD Webcam with microphone; Audio: Integrated speakers; Network: Gigabit LAN, Wi-Fi 6, Bluetooth; Ports: Minimum 3 USB ports, HDMI, RJ-45, audio ports; Operating System: Windows 11 Professional 64-bit, genuine licensed copy; Productivity Suite: Microsoft Office Home and Business 2024 or latest equivalent perpetual license; Accessories: Wireless or USB keyboard and mouse; Line-Interactive UPS with Automatic Voltage Regulation (AVR), minimum 650VA / 360W; Warranty: Minimum three (2) years warranty on parts, labor, and on-site service; Support: Onsite technical support with service center within Mindanao.	All-in-One Desktop Computer Specifications: Processor: Intel Core i7/ CORE ULTRA 7 AT LEAST 13 th / Generation or higher, or equivalent; Memory: 16GB DDR4/DDR5 RAM, expandable to at least 32GB; Storage: 1TB PCIe NVMe SSD; Graphics: Integrated Intel Graphics or equivalent; Display: Minimum 27-inch IPS Display, Full HD (1920 × 1080); Camera: Integrated Full HD Webcam with microphone; Audio: Integrated speakers; Network: Gigabit LAN, Wi-Fi 6, Bluetooth; Ports: Minimum 3 USB ports, HDMI, RJ-45, audio ports; Operating System: Windows 11 Professional 64-bit, genuine licensed copy; Productivity Suite: Microsoft Office STANDARD 2024 or latest equivalent perpetual license; Accessories: Wireless or USB keyboard and mouse; Line-Interactive UPS with Automatic Voltage Regulator (AVR), minimum 650VA / 360W; Warranty: Minimum ONE (1) year warranty on parts, labor, and on-site service;
	LOT 18 PR: 1190 (CBM)	LOT 18 PR: 1190 (CBM)
22	CCTV Surveillance System, 2MP Outdoor Turret Smart Dual Light IP Camera (19 pcs), 2MP Outdoor Bullet Smart Dual Light IP Camera (1 pc), 32 channels Dahua NVR with 4 sata ports (1 pc), 10TB Surveillance HDD (2 pcs), 16 ports gigabit POE switch w/ uplink (2 pcs), 8 ports gigabit switch (1 pc), Cat 6 UTP Indoor (2 pcs), Junction box (20 pcs), 6U Data cabinet with PDU (1 pc), 9U Data cabinet with PDU (1 pc), 32" Smart TV (1 pc), Installation materials	CCTV Surveillance System, 2MP Outdoor Turret Smart Dual Light IP Camera (19 pcs), 2MP Outdoor Bullet Smart Dual Light IP Camera (1 pc), 32 channels NVR with 4 sata ports (1 pc), 10TB Surveillance HDD (2 pcs), 16 ports gigabit POE switch w/ uplink (2 pcs), 8 ports gigabit switch (1 pc), Cat 6 UTP Indoor (2 pcs), Junction box (20 pcs), 6U Data cabinet with PDU (1 pc), 9U Data cabinet with PDU (1 pc), 32" Smart TV (1 pc), Installation materials and accessories:

	and accessories: Conduits, Mouldings, Screws, RJ 45, Installation accessories and consumables (1 lot), and Labor for installation (1 lot)	Conduits, Mouldings, Screws, RJ 45, Installation accessories and consumables (1 lot), and Labor for installation (1 lot)
	LOT 20 PR: 1249 (IPTBM)	LOT 20 PR: 1249 (IPTBM)
24	4-Bay Network-Attached Storage (NAS) Warranty: - Minimum 3 years, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint. Hardware (Minimum Requirements): - CPU: Quad-core, 64-bit, at least 2.0 GHz base frequency and 2.7 GHz turbo. - System Memory: Minimum 2 GB DDR4, expandable to at least 6 GB. - Memory Slots: At least 1 slot. - Drive Bays: 4 bays, hot-swappable for SATA HDD/SSD. - M.2 Slots: Minimum 2 slots for NVMe SSD. - Supported Drive Types: 3.5" SATA HDD, 2.5" SATA SSD, M.2 NVMe SSD. - Network Ports: At least 1 × 1GbE LAN port and 1 × 2.5GbE LAN port. - USB Ports: Minimum 2 × USB 3.x. - Fans: At least 2 system fans with adjustable speed modes (Full-Speed, Cool, Quiet). - Power Adapter: Minimum 90 W, AC 100–240V, 50/60 Hz. - Power Recovery: Required. - Scheduled Power On/Off: Required. - Wake on LAN/WAN: Required. - Certifications: FCC, CE, RoHS, or equivalent recognized regulatory certifications. Software / Functional Requirements (Minimum): - Backup & Cloud Integration: Must support automated backup to local drives, network drives, and public cloud services (e.g., Google Drive, OneDrive, Dropbox, or equivalent). - Backup Methods: Must allow incremental, scheduled, and versioned backups. - RAID & Data Protection: Must support RAID configurations (RAID 0,1,5,6,10 or equivalent), snapshot or versioning features, and automated integrity checks. - Management & Monitoring: Must provide a web-based interface for administration and monitoring, user/folder access control, and notifications for system events. - Remote Access: Required — Must provide secure remote access via web portal or mobile app.	4-Bay Network-Attached Storage (NAS) Warranty: - Minimum 1 year, with the item serviceable or replaceable Hardware (Minimum Requirements): - CPU: Quad-core, 64-bit, at least 2.0 GHz base frequency and 2.7 GHz turbo. - System Memory: Minimum 2 GB DDR4, expandable to at least 6 GB. - Memory Slots: At least 1 slot. - Drive Bays: 4 bays, hot-swappable for SATA HDD/SSD. - M.2 Slots: Minimum 2 slots for NVMe SSD. - Supported Drive Types: 3.5" SATA HDD, 2.5" SATA SSD, M.2 NVMe SSD. - Network Ports: At least 1 × 1GbE LAN port and 1 × 2.5GbE LAN port. - USB Ports: Minimum 2 × USB 3.x. - Fans: At least 2 system fans with adjustable speed modes (Full-Speed, Cool, Quiet). - Power Adapter: Minimum 90 W, AC 100–240V, 50/60 Hz. - Power Recovery: Required. - Scheduled Power On/Off: Required. - Wake on LAN/WAN: Required. - Certifications: FCC, CE, RoHS, or equivalent recognized regulatory certifications. Software / Functional Requirements (Minimum): - Backup & Cloud Integration: Must support automated backup to local drives, network drives, and public cloud services (e.g., Google Drive, OneDrive, Dropbox, or equivalent). - Backup Methods: Must allow incremental, scheduled, and versioned backups. - RAID & Data Protection: Must support RAID configurations (RAID 0,1,5,6,10 or equivalent), snapshot or versioning features, and automated integrity checks. - Management & Monitoring: Must provide a web-based interface for administration and monitoring, user/folder access control, and notifications for system events. - Remote Access: Required — Must provide secure remote access via web portal or mobile app. - Encryption: Required — Must support encryption for backups or cloud transfers. - Multi-Device Backup: Required — Must support backups from computers, phones, and tablets. Package Contents (Minimum): - Main unit ×1. - AC adapter ×1.

	• Encryption: Required — Must support encryption for backups or cloud transfers. • Multi-Device Backup: Required — Must support backups from computers, phones, and tablets. Package Contents (Minimum): • Main unit ×1. • AC adapter ×1. • Power cord ×1. • LAN cable ×2. • Accessory pack ×1. Notes: • NAS must support RAID configurations and standard network protocols (SMB, NFS, AFP, iSCSI). • Device must support firmware updates and security patches for at least 3 years.	• Power cord ×1. • LAN cable ×2. • Accessory pack ×1. Notes: • NAS must support RAID configurations and standard network protocols (SMB, NFS, AFP, iSCSI).
25	4TB SATA NAS Hard Drive Example Model: SEAGATE IronWolf ST4000VN006 (or equivalent NAS-grade drive) Warranty: • Minimum 1 year, with the item serviceable or replaceable within six (6) months from acknowledgment of request or complaint. Minimum Requirements / Key Features: • Storage Capacity: 4TB • Drive Type: SATA III, NAS-grade (optimized for RAID/NAS environment) • Rotational Speed: 5900 RPM (minimum) • Cache Memory: 64MB (minimum) • Form Factor: 3.5-inch • Dimensions (max): Height ≤ 26.11 mm, Width ≤ 101.85 mm, Length ≤ 146.99 mm • Condition: Brand-new, never used, factory-sealed • Compatibility: Must be fully compatible with 4-bay NAS devices and support continuous 24/7 operation. • Vibration and RAID Optimization: Must support RAID vibration tolerance and multi-bay NAS operation. • MTBF / Reliability: Minimum 1 million hours or equivalent NAS-rated reliability. Additional Specs: • Drives must be NAS-grade, not desktop drives, to ensure reliability and full efficiency in RAID configurations. • Equivalent models from other reputable brands (e.g., Western Digital Red, Toshiba N300) may be considered if they meet or exceed these specifications.	4TB SATA NAS Hard Drive Example Model: SEAGATE IronWolf ST4000VN006 (or equivalent NAS-grade drive) Warranty: • Minimum 1 year, with the item serviceable or replaceable Minimum Requirements / Key Features: • Storage Capacity: 4TB • Drive Type: SATA III, NAS-grade (optimized for RAID/NAS environment) • Rotational Speed: 5900 RPM (minimum) • Cache Memory: 64MB (minimum) • Form Factor: 3.5-inch • Dimensions (max): Height ≤ 26.11 mm, Width ≤ 101.85 mm, Length ≤ 146.99 mm • Condition: Brand-new, never used, factory-sealed • Compatibility: Must be fully compatible with 4-bay NAS devices and support continuous 24/7 operation. • MTBF / Reliability: Minimum 1 million hours or equivalent NAS-rated reliability. Additional Specs: • Drives must be NAS-grade, not desktop drives, to ensure reliability and full efficiency in RAID configurations. • Equivalent models from other reputable brands (e.g., Western Digital Red, Toshiba N300) may be considered if they meet or exceed these specifications.
	LOT 22 PR:1245(IPTBM)	LOT 22 PR:1245(IPTBM)
29	Smartphone with flash charger and SIM ejector Processor: Qualcomm Snapdragon 685 RAM:atleast 8gb Storage:atleast 128gb Battery: atleast 6500mAh BlueVolt	Smartphone with flash charger and SIM ejector Processor: Qualcomm Snapdragon 685 RAM:atleast 8gb Storage:atleast 128gb Battery: atleast 6500mAh BlueVolt

	Fast charging Display: Super AMOLED, touch screen (capacitive multi-touch) SIM Slot type: Dual SIM Network: 2G, 3G, 4G, 5G Warranty: At least one (1) year, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint.	Fast charging Display: Super AMOLED, touch screen (capacitive multi-touch) SIM Slot type: Dual SIM Network: 2G, 3G, 4G, 5G Warranty: At least one (1) year, with the item serviceable or replaceable
30	Professional-grade wireless lavalier microphone system with two (2) transmitters and one (1) receiver, compatible with mobile devices (USB-C and Lightning), intended for recording, interviews, presentations, and official documentation. 2. Minimum Technical Requirements 2.1 System Configuration • Two (2) transmitters (TX) with built-in microphones or lavalier microphones • One (1) receiver (RX) • Must support simultaneous dual-channel recording • Real-time audio monitoring capability (preferred) 2.2 Connectivity • Receiver must support: - o USB Type-C (Android and compatible devices) - o Lightning (ios devices) • Plug-and-play operation (no external apps required) 2.3 Audio Performance • Frequency response: 20 Hz – 20 kHz • Signal-to-noise ratio (SNR): ≥ 70 Db • Audio resolution: minimum 16-bit / 44.1 kHz • Must provide clear, low-noise audio suitable for professional recording • With built-in noise reduction or equivalent feature 2.4 Wireless Performance • Transmission type: Digital wireless (2.4 GHz or equivalent) • Transmission range: minimum 50 meters (open space, unobstructed) • Must have stable connection with minimal dropouts or interference 2.5 Battery and Power • Rechargeable transmitters and receiver • Continuous operating time: • Minimum 5 hours (transmitters)	NO CHANGES

	• Charging interface: USB-C or equivalent • Charging case (if available) is an advantage 2.6 Physical and Build Quality • Compact and lightweight design • Clip-on transmitters for hands-free use • Durable construction suitable for regular field use • With windscreen (foam or equivalent) for noise reduction 2.7 Included Accessories • Charging cable(s) • Necessary connectors/adapters (USB-C and Lightning) • Carrying case or pouch • User manual 3. Performance Requirement • The device must deliver: • Consistent, clear audio without noticeable static, distortion, or signal dropouts • Items exhibiting unstable connection, excessive noise, or poor audio clarity shall be rejected 4. Warranty • Minimum 6 months warranty against factory defects, with the item serviceable or replaceable within six (6) months from acknowledgment of the request or complaint.	
31	Printer Printer Type: All-in-One (Print, Scan, Copy) Maximum Resolution: 5760 \times 1440 dpi Black (ISO/A4 Simplex): Up to 10.0 ipm (images per minute) Colour (ISO/A4 Simplex): Up to 5.0 ipm (images per minute) Output Capacity: Up to 30 sheets of Plain Paper (80 g/m²) Maximum Paper Size: 215.9 \times 1200 mm Scanner Optical Resolution: 1200 \times 2400 dpi Maximum Scan Area: 216 \times 297 mm (A4/Letter) Max Copy Resolution: 600 \times 600 dpi Warranty: At least two (2) years, with the item serviceable or replaceable within six (6) months from	Printer Printer Type: All-in-One (Print, Scan, Copy) Maximum Resolution: 5760 \times 1440 dpi Black (ISO/A4 Simplex): Up to 10.0 ipm (images per minute) Colour (ISO/A4 Simplex): Up to 5.0 ipm (images per minute) Output Capacity: Up to 30 sheets of Plain Paper (80 g/m²) Maximum Paper Size: 215.9 \times 1200 mm Scanner Optical Resolution: 1200 \times 2400 dpi Maximum Scan Area: 216 \times 297 mm (A4/Letter) Max Copy Resolution: 600 \times 600 dpi Warranty: At least ONE (1) years, with the item serviceable or replaceable

	acknowledgment of the request or complaint.	
	LOT 23 PR: 1274 (COAgri)	LOT 23 PR: 1274 (COAgri)
32	EB-E10 XGA 3LCD Projector 3600 Lumens (RGB Liquid crystal shutter projection system (3LCD)), White Light Output (Normal/Eco):3,300 lm; Colour Light Output: 3,300 lm; Native XGA resolution and 4:3 performance; Long lamp life up to 12,000 hours in ECO Mode	Product Description: PROJECTOR (1024 x 768) LUMENS: 4000 CONTRAST RATIO: 14000:1 / High Value Network Projectors / High Brightness and Contrast Ratio / HDMI Connectivity / Blu-ray 3D capable (over HDMI) / High Quality, Branded, with atleast 1 year warranty period Free: Projector Bag
	LOT 24 PR: 1270 (SORIANO)	LOT 24 PR: 1270 (SORIANO)
33	LCD PROJECTOR 3800 Lumens of color and white, brightness narative XGA resolution and 4:3 performance, long lamp life up to 12,000.00 in eco mosw built in moderator function for easy sharing using iprotection brandd	Product Description: PROJECTOR (1024 x 768) LUMENS: 4000 CONTRAST RATIO: 14000:1 / High Value Network Projectors / High Brightness and Contrast Ratio / HDMI Connectivity / Blu-ray 3D capable (over HDMI) / High Quality, Branded, with atleast 1 year warranty period Free: Projector Bag

For guidance and information of all concerned.


REY F. POLON
 BAC Vice-Chairperson
 Goods and Services