



Republic of the Philippines  
**ROMBLON STATE UNIVERSITY**  
 Odiongan, Romblon  
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**BIDS AND AWARDS COMMITTEE**

**TECHNICAL SPECIFICATIONS**  
**Solicitation No. RSU-2021-10-082**  
**ABC: PhP2,668,320.00**  
**QTY: 227**

**Procurement of ICT Equipment and Supplies for the Different Units of Romblon State University**

UNIT	ITEM DESCRIPTION	STATEMENT OF COMPLIANCE
pc	12 Channel Powered Mixer Audio Powered Mixer Curve Rodie 12P Professional Mixing Console with Bluetooth 32BIT EFFECTS	
pc	Professional Gooseneck Conference Microphone System UHF 8 Channels 8 Wireless Gooseneck Mics Fixed frequency Super-low background noise & designed for large conferences, meetings, public speaking engagements Fixed Frequencies: A: 520.10Mhz, 525.10Mhz, 501.00Mhz, 511.50Mhz, 550.10Mhz, 555.10Mhz, 524.00Mhz, 538.50Mhz B : 523.70Mhz, 527.70Mhz, 506.00Mhz, 517.50Mhz, 553.70Mhz, 557.70Mhz, 531.00Mhz, 546.50Mhz Operation Range: up to 200 Feet (60 Meters) within line of sight.	
pc	7" Bi-Amped Active Powered Studio Monitor Speaker	
pc	14" Laptop Computer Processor: AMD Ryzen 5 3500U quad-core processor 2.1GHz Memory: 4GB Storage: 1TB + 128 SSD Display: 14" Graphics: AMD Radeon Vega 8 Mobile Graphics OS: Windows 10	
pc	Universal Portable Teleprompter Prompter for Smartphone/Tablet/DSLR Camera 1x Teleprompter, 1x Lens Fix Pocket, 1x Remote Control, 1x Metal Bracket, 1x Extra Smartphone Clamp, 1x Tripod Head, 2x Hexagon Wrench, 2x Screws, 1x Screwdriver, 1x Clothing Cloth	
pc	Microphone Scissor Arm Stand and Table Mounting Clamp & NW Filter Windscreen Shield & Metal Mount Kit	
pc	Professional Cardioid Condenser Microphone Full Metal Studio Recording Microphone with XLR-3.5mm Cable	
pc	27" 144Hz FreeSync Monitor Resolution 1920x1080 Refresh rate 144Hz Response time 1 Panel TN Backlight WLED Aspect Ratio 16:9 Brightness (typical) 16:9 Contrast (dynamic) 50M:1 Contrast (static) 1000:1 Pixel Pitch (H) (V) 0.311 Diagonal (inch) 27 Active Screen Area (HxW) 597.89x336.31 mm Viewing Angle (CR10) 170/160 Display Colours 16.7 Million	



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	Signal input VGA, DisplayPort 1.2 x 1, HDMI 1.4 x 2 USB Input USB 3.0 x 4 Built-in Speakers 2W x 2	
pc	Monitor Headphone - Enhanced frequency response delivers accurate audio across an extended range - Collapsible design for convenience - Impedance, power handling and sensitivity optimised for professional and personal audio devices - Cable secured to ear cup by bayonet clip for a reliable connection	
pc	15" 2 Way 800W Powered Speaker; Plastic Moulded; 300W Amplifier; USB / FM / Bluetooth Function; XLR Line In/ Line Out; Mic Input; RCA Input; Speaker Out; Low 2.5" Voice Coil, Hi: 1.7" Voice Coil; Sensitivity: 100dB; Frequency range: 20Hz-55Khz	
pc	Drone + Fly More Kit Bundle Remote Controller 3 x Intelligent Flight Battery Battery Charger AC Power Cable 6 x Pair of Low-Noise Propellers USB Type-C RC Cable Lightning RC Cable Micro-USB RC Cable Gimbal Protector USB Type-C Cable Pair of Spare Control Sticks ND Filter Set (ND16, ND64 & ND256) Battery Charging Hub Battery to Power Bank Adapter Shoulder Bag	
pc	Professional USB MIDI controller 16 pads Sound source software included MPD218	
Unit	<b>Scanner Type:</b> Overhead, Simplex; <b>Scanning Color Mode:</b> Color, Grayscale, Monochrome, Automatic (Color / Grayscale / Monochrome detection) <b>Image Sensor:</b> Lens reduction optics / Color CCD x 1 <b>Light Source:</b> (White LED + Lens illumination) x 2 <b>Optical Resolution:</b> 285 to 218 dpi (Horizontal scanning), 283 to 152 dpi (Vertical scanning) (4) <b>Document Size:</b> Maximum- 432 x 300 mm (17.0 x 11.8 in); Minimum: 25.4 x 25.4 mm (1 x 1 in.) (5) <b>Paper Weight (Thickness):</b> 30 mm (1.18 in) or less <b>Interface (6):</b> USB 2.0/ USB 1. I (Connector Type: Type -B) <b>Power Requirements:</b> AC 100 to 240 V, 50/60 Hz Power Consumption; <b>Operating Mode:</b> 20 W or less; Sleep Mode: 2.6 W or less; <b>Auto Standby (Off) Mode:</b> 0.4 W or less <b>Operating Environment:</b> Temperature (5 to 35 C (41 to 95 F), Relative Humidity (20 to 80 % (Non-Condensing) <b>Dimension (W X D X H):</b> 210 x 156 x 383 mm (8.27 x 6.14 x 15.08 in.) <b>Weight:</b> 3 kg (6.62 lb) <b>Driver:</b> Software combines driver and document management <b>Image Processing Functions:</b> Deskew by test on document, Automatic size detection, Automatic Rotation, Automatic Color detection, Book Image Correction, Multiple Document detection	
pcs	<b>4TB External Drive:</b> Dimension: 4TB: 131.8 mm x 80.8 mm x 24.5 mm (5.19" x 3.18" x 0.96");	



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	Weight: 4TB: 298 g (10.51 oz); Color: Any color; Capacity: 4 T B; Storage Media: 2.5" HDD; Operating Temperature: 5°C (41°F) - 55°C (131°F); Operating Voltage: 5V; Operating System: Microsoft Windows 10 to latest	
unit	<b>Laptop</b> (For Programming Use) <b>PROCESSOR</b> 10th Generation i7-10750H (12MB Cache, up to 5.0 GHz, 6 cores); <b>DISPLAY</b> 15.6 inch FHD (1920 x 1080) 300 nits WVA; Anti-Glare <b>LED</b> Backlit Display with 300Hz refresh rate <b>OPERATING SYSTEM</b> Windows 10 Pro 64-bit English <b>GRAPHICS CARD</b> 2060 6GB GDDR6 <b>MEMORY</b> 16GB, 2x8GB, DDR4, 2933MHz <b>HARD DRIVE</b> 1TB M.2 PCIe NVMe Solid State Drive (SSD) <b>WIRELESS CARD</b> Wi-Fi 6 AX1650 (2x2) 802.1 1ax Wireless and Bluetooth 5.1	
unit	<b>Laptop (for Office Use)</b> <b>PROCESSOR</b> i5 8265U <b>DISPLAY</b> with 2GB GDDR5 VRAM, FHD (1920 x 1080), HD (1366 x 768); <b>OPERATING SYSTEM</b> Windows 10 <b>GRAPHICS CARD</b> 2GB GDDR5 VRAM <b>MEMORY</b> 4GB DDR4 SDRAM, 2400MHz <b>HARD DRIVE</b> 500GB HDD <b>NETWORK</b> Integrated 802.11b/g/n Integrated 802.11ac	
unit	<b>Laptop</b> (For Programming Use) <b>PROCESSOR</b> 10th Generation i7-10750H (12MB cache, up to 5.0 GHz, 6 cores) <b>DISPLAY</b> 15.6 inch FHD (1920 x 1080) 300 nits WVA Anti-Glare <b>LED</b> Backlit Display with 300Hz refresh rate <b>OPERATING SYSTEM</b> Windows 10 Pro 64-bit English <b>GRAPHICS CARD</b> 2060 6GB GDDR6 <b>MEMORY</b> 16GB, 2x8GB, DDR4, 2933MHz <b>HARD DRIVE</b> 1TB M.2 PCIe NVMe solid state Drive (SSD) <b>WIRELESS CARD</b> WI-Fi 6 AX1650 (2x2) 802.11ax Wireless and Bluetooth 5. I	
set	<b>DESKTOP COMPUTER SET: (Processor: i5 8265U; Operating System: Windows 10; Graphics Card: AMD Radeon RX 560 4G Graphics card; Memory: 1X8GB DDR4 2666Mhz Memory (2 Ram Slots); Hard Drive: 120 GB SSD SATA III 400W 100% Foot capacity Power; Network: Integrated Realtek RTL8111H Network Card (NIC); Monitor: LS22R350FHXXP 22" 75Hz 1920x1080 VGA/HDMI Black Monitor; Keyboard and Mouse: A4Tech KRS-8572 USB Keyboard and Mouse Combo Kit</b>	
pc	<b>Huawei-4G-Router-3-Prime-B818-263</b> <b>4G LTE FDD Band 1/3/7/8/28 (700/900/1800/2100/2600MHz)</b> * 4G LTE TDD Band 38/41 (2570-2620; 2500-2690 MHz) * LTE Category 19 router * LTE Download Speed to 1.6Gbit/s and upload speed to 150Mbps * Support maximum up to 64 WiFi users * WLAN: 802.11a/b/g/n/ac, dual-band 2.4GHz and 5GHz * Supports LTE Cat19 with 256QAM * Support for Huawei HiLink App	
pc	SMA to TS9 Connector	
pc	4g mimo antenna Grid antenna 1700-2700MHz 2G 3G 4G LTE Outdoor Grid Antenna 2X24dBi External Antenna with N female connector	
pc	LMR400 cable (20mtrs)	



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units	<b>For maintenance of Photocopying Machine:</b> Developer (Bizhub 250)	
units	<b>For maintenance of Photocopying Machine:</b> Clutch	
units	<b>For maintenance of Photocopying Machine:</b> Motor, BH-350	
units	<b>For maintenance of Photocopying Machine:</b> Pulley	
units	<b>For maintenance of Photocopying Machine:</b> Pulley, BH-350	
units	<b>For maintenance of Photocopying Machine:</b> Toming Belt	
units	<b>For maintenance of Photocopying Machine:</b> Toner Bizhub 350/362	
pc	<b>EMC PowerEdge T340 Tower Server</b> <b>Processor:</b> Xeon E-2224/3.4 GHz; <b>Cache Per Processor:</b> 8 MB; <b>Cache Memory:</b> 8 MB; <b>Turbo Boost Technology 2;</b> <b>RAM:</b> 8 GB (installed) / 64 GB (max); <b>Server Storage Bays:</b> Hot-swap 3.5"; <b>Hard Drive:</b> HDD 1 TB (hot-swap); <b>Networking:</b> GigE; <b>Video Memory:</b> 16 MB <b>(4.6 GHz) (Quad-Core); Memory Types:</b> DDR4 SDRAM - ECC <b>Dimensions:</b> 30.79 cm 44.33 cm; <b>Weight:</b> 25.25 kg; <b>SATA 6GB/s - 7200rpm</b>	
unit	<b>Printer - Printing Technology:</b> Print Method: PrecisionCore Print Head; Maximum Print Resolution: 4,800 x 1,200dpi; Minimum Ink Droplet Volume: 3.7 pl; Printer Language: ESC/P-R, PCL5c, PCL6, PostScript3, PDF 1.7; Maximum Monthly Duty Cycle: Up to 75,000 pages / month; Automatic Duplex Printing: Yes (Up to A4); Control Panel: 2.2" Mono LCD. Print Speed: Draft, A4 (Black / Colour): Up to 34 ppm / 34 ppm ISO 24734, A4 Simplex (Black / Colour): Up to 24 ipm / ipm ISO 24734, A4 Duplex (Black / Colour): Up to 16 ipm / 16 ipm First Page Out Time from Ready Mode (Black / Colour): Approx. 5.0 sec / 5.0 sec Photo Default. Paper Handling: Number of Paper Trays: 3 (Front 1, Rear 1, Manual Feed 1) Standard Paper Input Capacity: up to 581 sheets Maximum Paper Input Capacity: up to 1,581 sheets Output Capacity: up to 250 sheets Maximum Paper Size: 215.9 x 1200mm (8.5 x 47.24") Paper Sizes: Legal, Letter, A4, B5, A5, A6, 8 x 10", 5 x 7", 4 x 6" Envelopes: #10, DL, C6, C4	
unit	<b>Wireless Internet Router; Warranty:</b> 1 year	
unit	Copy Printer - Specification, Digital desktop, fully-automatic one-drum system, Maximum print paper size is 275 x 395 mm, maximum print area is 2500 355mm, 60-90 sheets per minute print speed, 300 x 300 dpi resolution, 220-240 volts (50-60 hz) power source, 500 sheets (80 g/m <sup>2</sup> ) paper feed capacity, dimension (W x D x H) is 1,232 x 672 x 519mm, weight is 55kg. with steel cabinet, 1 cartridge ink, 1 master roll and lifetime free service.	
pc/roll	Copy Printer Master Roll	
pc/bottle	Copy Printer Ink	

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 Name and Signature of the Bidder/Authorized Representative

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 Name of the Company