



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



TECHNICAL SPECIFICATIONS
Solicitation No. RSU-2023-06-054
ABC: PhP3,391,650.00
QTY: 258

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

ITEM NO.	UNIT	ITEM DESCRIPTION	QTY	STATEMENT OF COMPLIANCE
1	unit	Laptop: AN 515-45 R5RJ, r9 5900HX, rtx 3070, 16 gb, 512gb ssd, 15.6" 144 hz, w11 (see attachment for specifications)	1	
2	unit	External Drive External Hard Drive HDD 5TB (see attachment for specifications)	1	
3	unit	A3 Printer: Print, Scan, Copy, Fax with ADF, All-in-One Ink Tank Printer (see attachment for specifications)	1	
4	bottles	Ink: Epson Pigment Ink #008 (C,M,Y,K) (3bottles/color)	12	



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803

5	reams	Bond Paper: A4 100GSM	5	
6	Packs	A4 Rough Satin Paper	10	
7	set	<p>Printer (All-in-One Functions: Print, Scan, Copy) Printing Method: PrecisionCore™ Print Head Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3,3 pl, With Variable-Sized Droplet Technology Ink Technology: Pigment ink Printing Resolution: 4.800 x 1.200 DPI Number of Colours: 4 colour Colours: Black [Pigment], Cyan [Pigment], Yellow [Pigment], Magenta [Pigment] Panel: Color, Touchscreen, Diagonal: 6,1 cm Compatible Operating Systems: Mac OS X 10.6.8 or later, Windows 10, Windows 7, Windows 8, Windows 8.1, Windows Vista, Windows XP, XP Professional x64 Edition Interfaces: WiFi, USB, Ethernet, Wi-Fi Direct WLAN Security: WEP 64 Bit, WEP 128 Bit, WPA PSK (TKIP), WPA PSK (AES) Mobile and Cloud Printing services: iPrint, Email Print, Remote Print Driver, Scan-to-Cloud), Apple AirPrint Scan Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG Scanner Type: Contact Image Sensor (CIS) Optical Resolution: 1.200 DPI x 2.400 DPI (Horizontal x Vertical)</p>	45	



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



8	set	<p>Dual Professional Wireless Microphone ACT 9090U System</p> <ul style="list-style-type: none"> • Frequency Range: UHF 500 Mhz ~ 900 MHz • Modulation Mode: FM (PLL) • Frequency Deviation: ±25 kHz/?±48 kHz • Frequency Stability: ±15ppm • Signal-to-Noise Ratio: 110 Db(A) • T.H.D : 1% • Operating temperature: -10°c ~ +55°c Receiver • Sensitivity (peak deviation) : 3uV(52dB S/N) • AF output clipping level : • Balanced Outputs: +10dB (XLR) • Unbalanced outputs: +4dB (1/4" 6.33mm jack socket) • Adjacent channel interface ratio: 80 dB • Image interference Ratio: 80 dB Transmitter • RF Outputs: 8mW~30mW • Harmonic Suppression >50 dB • AF output clipping level : • Balanced Outputs: +10dB (XLR) • Unbalanced outputs: +4dB (1/4" 6.33mm jack socket) • Adjacent channel interface ratio: 80 dB • Image interference Ratio: 80 dB Transmitter • RF Outputs: 8mW~30mW • Harmonic Suppression >50 dB 	10	
9	piece	Memory DDR4 – 8gb 3200Mhz RGB HyperX Fury CL16 DIMM	20	
10	piece	Solid State Drive 480GB A400 Sata3 2.5-inch	30	



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 9000018803

11	piece	Heat Gun D26411 with Rotary Air Temperature Dial (1,800W) with 2 extra nozzle	1	
12	piece	Blower/Vacuum cleaner Powerful motor with High Volume of 3500I/MIN	1	
13	box	RJ45 Passthrough Connectors for CAT5E CAT6 LAN Cables (100pcs/box)	5	
14	pair	HDMI Extender cat5 60M 120M HDMI Extender audio kit over Ethernet cat6/5e for PS4 apple TV PC laptop HDTV	8	
15	piece	HDMI 2.0v Optical Fiber cable (50 meters)	8	
16	box	UTP Cable Cat 6 Outdoor (305m/roll)	4	
17	bottle	Cleaning Solution for Inkjet Printer and & Syringe with Hose 100 ml	15	
18	box	Heat Shrink Tubing Insulation Shrinkable Tube Assortment 580 pcs with box	2	
19	pack	RJ45 Rubber Boot 100 pcs/pack (Blue)	5	
20	Syringe	Thermal Conductive Grease Paste for Processor CPU Heat Sink Plaster (5g)	15	
21	piece	UPS SRV 2000VA 230V, 1600 Watts	2	



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



Management System
 ISO 9001:2015



www.tuv.com
 ID 900018803

22	piece	<p>Active Speaker System: System Type: Passive 18", subwoofer system Maximum SPL Output: 135 Db Frequency Range(-10Db): 28Hz – 150 Hz Frequency Response (-3 Db): 45Hz-150 Hz System Power Rating: 2400W Peak, 1200W Program, 600W Continuous Nominal Impedance: 8 Ohm Connectors: NL4 Input, NL4 Loop-thru (+/-1 or +/-2 Selectable) Operational Modes: Passive LF Driver: 2279H Crossover Frequency: 80Hz Material: 18mm plywood Suspension/Mounting: M20 Threaded Pole Mount Handles: 4 Finish: Obsidian Duraflex™ Finish Grille: Powder Coated, Onsidian 14 gauge perforated steel with acoustically transparent black cloth backing Dimensions (L x W x H): 26.89" x 26.92" x 22.62" (683mm x 684mm x 575mm)</p>	6	
23	piece	<p>Microphone Stand Heavy Duty Adjustable and Collapsible Tripod Boom Mic Stand Made of Heavy Duty Sturdy Steel Construction, extra sturdy and durable 2 Arms & 2 Microphone Holders (large arm extends to 52 inches, and the small arm offers both extendibility and 360° rotation)</p>	10	
24	pair	<p>XLR 3 pin Plug Microphone Audio Cable Wire Connector (Male/Female)</p>	10	



ROMBLON STATE UNIVERSITY

BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



25	set	DSLR Camera EOS 80D DSLR Camera w/ 18-135mm Lens 24.2MP PS-C CMOS Sensor DIGIC 6 Image Processor 3.0" 1.04m-Dot Vari-Angle Touchscreen LCD Full HD 1080p60 45-Point All Cross-Type AF System Dual Pixel CMOS AF Expanded ISO 25600, Up to 7fps Shooting Built-in WiFi with NFC	10	
----	-----	---	----	--



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



26	set	<p>Projector Projection System: 3LCD LCD Panel: 0.55-inch Light Source: Lamp Resolution: XGA Color Light Output: 4,100 Lumens White Light Output: 4,100 Lumens Native Aspect Ratio: 4:3 Contrast Ratio: 16,000:1 Lamp Type: 230 W UHE Keystone Correction: Vertical: -30to +30 degrees Horizontal: -30 to +30 degrees; Zoom:1-1.6 (Optical); Screen Size (Standard Lens): 27” to 262”; Projection Distance (Standard Lens): 27” to 262”; Projection Distance (Standard Lens): 60” screen 1.93 – 3.14m; Throw Ratio: 1.58 (Zoom: Wide); 2.56 (Zoom: Tele) Projection Lens F Number: 1.51 – 1.99; Projection Lens Focal Length: 18.2 mm – 29.2mm; Focus Method: Manual; Offset: 19.4:1 Connectivity Input: Video 1 x RCA (Yellow); Input: Computer 2 x D-sub 15-Pin (RGB) 1 x USB 2.0 type B; Input: Digital 2 x HDMI; Input: Audio 2 x RCA (Red/White); 2 x Stereo mini; Control: I/O 1 x RS232C; Network: I/O 1 x RJ45 1 x USB 2.0 type A (for optional Wireless LAN); Output: Video 1 x D-sub 15 pin; Output: Audio 1 x stereo mini; Built-in Speaker 16w; Miracast-Split Screen; Auto Keystone Correction Vertical: -30 to +30 degrees Horizontal Slide Keystone Correction Yes; Colour Modes: Dynamic, Presentation, Cinema, sRGB, Blackboard; Projector Warranty 3 years.</p>	10	
----	-----	--	----	--



ROMBLON STATE UNIVERSITY BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Name of the Company

Name and Signature of the Bidder/Authorized Representative



ROMBLON STATE UNIVERSITY

BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management
System
ISO 9001:2015



www.tuv.com
ID 9000018803

Item #1

Laptop

Display

Size: 15.6 inches
Type: IPS LCD
Refresh rate: 144 Hz
PPI: 141 ppi
Aspect ratio: 16:9
Resolution: 1920 x 1080 pixels

Battery

Capacity: 57 Wh
Battery type: Li-Ion
Fast charging: Yes
Charging port position: Left
Charge power: 135 W

CPU

Base frequency: 3.3 GHz
Turbo frequency: 4.2 GHz
Cores: 6
Threads: 12
L3 Cache: 16 MB
Integrated GPU: Radeon RX Vega 7
Fabrication process: 7 nm

Graphics Card

TGP: 85 W
Nvidia Optimus: Yes
Type: Dedicated
Fabrication process: 8 nm
GPU base clock: 855 MHz
GPU boost clock: 1365 MHz
FLOPS: 13.9 TFLOPS
Memory size: 8 GB
Memory type: GDDR6
Memory bus: 256 bit
Memory speed: 12 Gbps
Shading units (cores): 5120
Texture mapping units (TMUs): 160
Raster operations pipelines (ROPs): 80

RAM

Channels: 2x8 GB
Clock: 3200 MHz
Type: DDR4
Upgradable: Yes



ROMBLON STATE UNIVERSITY

BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Item #1 (continuation)

Total slots: 2
Max. ram size: 32 GB

Storage

Bus: PCI-E Gen 3.0 (4x)
Storage type: SSD (M2)
Channels: 1x512 GB
Upgradable: Yes
Total slots: 2
NVMe: Yes

Sound

Audio chip: Realtek ALC295
Speakers: 2.0
Dolby Atmos: No
Loudness: 75.5 dB
Microphones: 2

Connectivity

Wi-Fi standard: v6
Bluetooth: v5
Webcam: Above the display
Webcam resolution: 1280 x 720

Ports

USB-A: 3x USB 3.2
USB Type-C: 1x USB 3.2
HDMI: 1x HDMI 2.0
Audio jack (3.5 mm): Yes
Ethernet (RJ45): Yes
Proprietary charging port: Yes

Input

Keyboard type: Island
Numpad: Yes
Backlight: Yes
Touch Pad Size: 10.6 x 7.8 cm
Surface: Plastic
Windows Precision: Yes



ROMBLON STATE UNIVERSITY

BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management System
ISO 9001:2015



www.tuv.com
ID 9000018803

Item #2

External Hard Drive HDD

Digital Storage Capacity: 5 TB
Hard Disk Interface: USB 3.0
Connectivity Technology: USB
Special Feature: Portable
Hard Disk Form Factor: 2.5 Inches
Hard Disk Description: Mechanical Hard Disk
Compatible Devices: Desktop
Installation Type: Plug In



ROMBLON STATE UNIVERSITY

BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
Telephone: (042) 567-5952
Email: bac@rsu.edu.ph
Website: rsu.edu.ph



Management
System
ISO 9001:2015



www.tuv.com
ID 900018803

Item #3

A3 Printer

Printer Type:

Print, Scan, Copy, Fax with ADF

Printing Technology:

Print Method: PrecisionCore™ Printhead

Minimum Ink Droplet Volume:3.8 pl

Print Direction:Bi-directional printing

Nozzle Configuration:800 x 1 nozzles Black, 256 x 1 nozzles per colour (Cyan, Magenta, Yellow)

Maximum Resolution:4800 x 2400 dpi

Automatic 2-sided Printing:Yes (up to A3)

Print Speed

Photo Default - 10 x 15 cm / 4 x 6 " *1:Approx. 43 sec per photo (Border) / 52 sec per photo (Borderless)

Draft, A4 (Black / Colour):Up to 32.0 ppm / 22.0 ppm

ISO 24734, A4 Simplex (Black / Colour): Up to 25.0 ipm / 12.0 ipm

ISO 24734, A4 Duplex (Black / Colour):Up to 16.0 ipm / 9.0 ipm

ISO 24734, A3 Simplex (Black / Colour):Up to 13.5 ipm / 6.0 ipm

ISO 24734, A3 Duplex (Black / Colour):Up to 10.0 ipm / 5.0 ipm