



Republic of the Philippines  
**VISAYAS STATE UNIVERSITY**  
 Visca, Baybay City, Leyte

## PURCHASE REQUEST

PPMP No. : **PPMP-2025-092524-0467**

Dept./Office: **QAC**

PR No.: **GF-2024-10-02296**

Date: **10-07-2024**

Section/End-User: **Daisy E. Pantorilla**

Category: **Office Equipment**

Funding Source: **General Fund - MOOE**

Project Title/Code: **PQA-TIER II**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Computer Printer	unit	1	15,000.00		15,000.00

### Specification:

- **Printer Type:** Print, Scan, Copy (All-in-One with Ink Tank System)
- **Design:** Compact integrated tank design
- **Print Speeds:**
  - Black: Up to 10.5 ipm
  - Colour: Up to 5.0 ipm
  - Draft (A4 Black/Colour): Up to 33 ppm / 15 ppm
  - ISO 24734 (A4 Simplex Black/Colour): Up to 10.5 ipm / 5.0 ipm
  - ISO 24734 (A4 Duplex Black/Colour): Up to 6.0 ipm / 4.0 ipm
- **Photo Print Speed:**
  - 10 x 15 cm / 4 x 6" (Bordered): Approx. 69 sec per photo
  - 10 x 15 cm / 4 x 6" (Borderless): Approx. 92 sec per photo
- **Printing Features:**
  - Auto-duplex printing (up to A4)
  - Borderless printing (up to A4)
  - Spill-free ink refilling
- **Warranty:** 2 years or 30,000 pages (whichever comes first)
- **Printing Technology:**
  - Print Method: On-demand inkjet (piezoelectric)
  - Minimum Ink Droplet Volume: 3 picoliters
  - Printer Language: ESC / P-R
  - Print Direction: Bi-directional and Uni-directional printing
  - Nozzle Configuration: 180 nozzles (Black), 59 nozzles per colour (Cyan, Magenta, Yellow)
  - Maximum Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)
- **Copy Features:**
  - Maximum Copy Size: A4, Letter
  - Copy Quality: Draft / Standard / Best Quality
  - Maximum Copies from Standalone: 99 copies
  - Reduction / Enlargement: 25 - 400%, Auto Fit Function
  - Copy Speed (ISO 29183, A4 Simplex Flatbed Black/Colour): Up to 7.7 ipm / 3.8 ipm
  - Max Copy Resolution: 1440 x 720 dpi
- **Scan Features**

- Scanner Type: Flatbed colour image scanner
- Sensor Type: 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
- Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output
- Scanner Bit Depth (Black & White): 16-bit input, 1-bit output
- Scan Speed (Flatbed Black/Colour): 200 dpi: 11 sec / 200 dpi: 28 sec
- **Paper Handling:**
  - Number of Paper Trays: 1 (Paper Cassette)
  - Standard Paper Input Capacity:
    - 100 sheets (A4 Plain Paper, 80 g/m<sup>2</sup>)
    - 20 sheets (Premium Glossy Photo Paper)
  - Output Capacity:
    - 30 sheets (A4 Plain Paper)
    - 20 sheets (Premium Glossy Photo Paper)
  - Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")
  - Paper Feed Method: Friction feed
  - Supported Paper Sizes: Legal, Letter, A4, B5, A5, A6, B6, 5 x 7", 4 x 6", Envelopes #10, DL, C6
  - Print Margin: 0 mm top, left, right, bottom (via custom settings in printer driver for supported paper types)
- **Direct Printing:**
  - Type of Direct Printing: Memory Device
  - Supported Memory Cards: SD Memory Card
- **Software & Compatibility:**
  - Operating System Compatibility:
    - Windows XP / Vista / 7 / 8 / 8.1 / 10
    - Windows Server 2003 / 2008 / 2012 / 2016 (Only printing and scanning functions supported)
    - Mac OS X 10.6.8 or later
- **Interface:**
  - USB: USB 2.0
  - Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct
  - Network Protocol: TCP/IPv4, TCP/IPv6, LPD, IPP, PORT9100, WSD

2	Digital Voice Recorder Built-in rechargeable lithium-ion battery	pc	1	7,000.00		7,000.00
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**Specification:**

**Specifications:**

**Capacity (User available capacity) (\*1) (\*2)**

4 GB (approx. 3.20 GB = 3,435,973,837 Byte)

**Maximum number of recorded files (for a folder)**

199 files

**Maximum number of files (including those stored on the SD card)**

5,000 files (including folders)

### **Frequency characteristics**

LPCM 44.1kHz/16bit (STEREO): 50 Hz - 20,000 Hz

MP3 192kbps (STEREO): 50 Hz - 20,000 Hz

MP3 128kbps (STEREO): 50 Hz - 16,000 Hz

MP3 48kbps(MONO): 50 Hz - 14,000 Hz

### **Compatible file formats**

#### **MP3 (\*3) (\*4)**

Bit rate: 32 kbps - 320 kbps (Supports variable bit rate (VBR))

Sampling frequencies: 16/22.05/24/32/44.1/48 kHz

File extension: .mp3

#### **WMA (\*3) (\*5)**

Bit rate: 32 kbps - 192 kbps (Supports variable bit rate (VBR))

Sampling frequencies: 44.1 kHz

File extension: .wma

#### **AAC-LC (\*3) (\*6)**

Bit rate: 16 kbps - 320 kbps (Supports variable bit rate (VBR))

Sampling frequencies: 11.025/12/16/22.05/24/32/44.1/48 kHz

File extension: .m4a

#### **LPCM (\*3)**

Quantization bit rate: 16 bit

Sampling frequencies: 44.1 kHz

File extension: .wav

### **Frequency range for the FM radio reception (ICD-UX570F only)**

87.50 MHz - 108.00 MHz IF 128 kHz

### **FM antenna (ICD-UX570F only)**

Stereo headphone cord antenna (not supplied)

### **Built-in speaker**

Approx. 16 mm (0.63 inches) dia.

**Input jack (stereo mini-jack)**

MIC IN (Plug-in-power supported)

Input impedance: approx. 2.2 k $\Omega$

Minimum input level: approx. 1.5 mV

**Output jack (stereo mini-jack)**

Headphones

Maximum output level: 5 mW + 5 mW or more

Load impedance: 16  $\Omega$

Recommended load impedance: 16  $\Omega$  - 32  $\Omega$

**USB connector**

Type-A, High-Speed USB compatible

**Card slot**

microSD memory card slot

**Playback speed control (DPC)**

3.00 times - 0.25 times: LPCM/MP3/WMA/AAC-LC

**Power output**

150 mW

**Power requirements**

Built-in rechargeable lithium-ion battery: 3.7 V DC

**Ambient conditions**

Operating temperature: 5  $^{\circ}$ C - 35  $^{\circ}$ C (41  $^{\circ}$ F - 95  $^{\circ}$ F)

Operating humidity: 25 % - 75 %

Storage temperature: -10  $^{\circ}$ C - +45  $^{\circ}$ C (14  $^{\circ}$ F - 113  $^{\circ}$ F)

Storage humidity: 25 % - 75 %

**Dimensions (w/h/d) (not incl. projecting parts and controls)**

Approx. 36.6 mm  $\times$  102.8 mm  $\times$  12.2 mm (1.45 inches  $\times$  4.05 inches  $\times$  0.49 inches)

(Width/Height/Depth)

**Mass**

Approx. 48 g (1.70 oz)

**Supplied accessories**

See Operating Instructions supplied with your IC recorder.

\*1Some of the built-in memory is used for file management.

\*2Applies when the built-in memory is formatted by the IC recorder.

\*3Not all encoders are supported.

\*4Playback of the MP3 files recorded by the IC recorder is also supported.

\*5WMA Ver.9 is compatible, however, MBR (Multi Bit Rate), Lossless, Professional, and Voice are not supported.

\*6Copyright-protected files are not available for playback.

3	<b>Epson 001 ink, Black, 127ml, Genuine</b>	btls	20	600.00		12,000.00
4	<b>Epson 001 ink, Cyan, Genuine</b>	btls	5	350.00		1,750.00
5	<b>Epson 001 ink, Magenta, Genuine</b>	btls	5	350.00		1,750.00
6	<b>Epson 001 ink, Yellow, Genuine</b>	btls	5	350.00		1,750.00
7	<b>External Hard Disk Drive (Portable, 1TB), USB 3.1</b>	unit	2	3,500.00		7,000.00

**Specification:**

- **Type:** Portable
- **Capacity:** 1TB
- **Interface:** USB 3.1 (Max. 5 Gb/s)
- **Texture:** Plastic/Rubber
- **Operating Voltage:** DC 5V, 900mA
- **System Requirements:**
  - Windows XP / Vista / 7 / 8 / 8.1 / 10
  - Mac OS X 10.6 or later
  - Linux Kernel 2.6 or later
- **Additional Features:** Shock-absorbing

8	<b>Ink, Epson 003,Genuine Black 65mL</b>	btl	20	350.00		7,000.00
9	<b>Ink, EPSON 003,Genuine Cyan 65mL</b>	btl	5	350.00		1,750.00
10	<b>Ink, EPSON 003,Genuine Magenta 65mL</b>	btl	5	350.00		1,750.00
11	<b>Ink, EPSON 003,Genuine Yellow 65mL</b>	btl	5	350.00		1,750.00
12	<b>Laptop</b>	unit	2	49,999.00		99,998.00

**Specification:**

**Operating System:**

- **OS:** Windows 11 Home Single Language
- **Architecture:** 64-bit

**Processor:**

- **Manufacturer:** Intel®
- **Type:** Core™ i5
- **Model:** i5-12500H
- **Speed:** 2.50 GHz
- **Core Count:** Dodeca-core (12 Core™)
- **Generation:** 12th Gen

**Display & Graphics:**

- **Graphics Controller Manufacturer:** NVIDIA®
- **Graphics Controller Model:** GeForce® RTX™ 3050
- **Graphics Memory Capacity:** 4 GB
- **Graphics Memory Technology:** GDDR6
- **Graphics Memory Accessibility:** Dedicated
- **GPU Boost Clock:** Up to 1600 MHz
- **Maximum Graphics Power:** Up to 95 W
- **Screen Size:** 39.6 cm (15.6")
- **Display Screen Type:** LCD
- **Backlight Technology:** LED
- **Screen Resolution:** 1920 x 1080
- **Standard Refresh Rate:** 144 Hz

**Memory:**

- **Total Installed System Memory:** 8 GB
- **System Memory Technology:** DDR4 SDRAM
- **Memory Card Reader:** No

**Storage:**

- **Total Solid State Drive Capacity:** 512 GB
- **Solid State Drive Interface:** PCI Express
- **Optical Drive Type:** No

**Network & Communication:**

- **Wireless LAN Standard:** IEEE 802.11 a/b/g/n/ac/ax
- **Wireless LAN Model:** Wi-Fi 6 AX 1650i
- **Ethernet Technology:** Gigabit Ethernet
- **Bluetooth Standard:** Bluetooth 5.1 or above

**Built-in Devices:**

- **Microphone:** Yes
- **Finger Print Reader:** No

**Interfaces/Ports:**

- **HDMI:** Yes
- **Number of HDMI Outputs:** 1
- **Number of USB 3.2 Gen 1 Type-A Ports:** 1
- **Number of USB 3.2 Gen 2 Type-A Ports:** 2
- **Number of USB 3.2 Gen 2 Type-C Ports:** 1
- **Total Number of USB Ports:** 4
- **USB Type-C:** Yes
- **USB Type-C Detail:** USB 3.2 Gen 2 (up to 10 Gbps), DisplayPort over USB-C, Thunderbolt 4, USB charging 5 V; 3 A, DC-in port 20 V; 65 W
- **Network (RJ-45):** Yes

**Input Devices:**

- **Pointing Device Type:** TouchPad
- **Keyboard:** Yes
- **Keyboard Backlight:** Yes
- **TouchPad Features:** Multi-touch Gesture

**Battery Information:**

- **Number of Cells:** 4-cell
- **Battery Chemistry:** Lithium Ion (Li-Ion)
- **Battery Energy:** 57.50 Wh

**Power Description:**

- **Maximum Power Supply Wattage:** 180 W

**Physical Characteristics:**

- **Height:** 26.90 mm
- **Height (Front):** 25.90 mm
- **Height (Rear):** 26.90 mm
- **Width:** 360.4 mm
- **Depth:** 271.1 mm
- **Weight (Approximate):** 2.50 kg
- **Product Color:** Obsidian Black

**Miscellaneous:**

- **Package Contents:**

- Nitro 5 AN515-58-50YE Gaming Notebook
- Lithium Ion Battery
- AC Adapter
- Free Backpack

- **Security Features:**

- Firmware Trusted Platform Module (TPM) solution
- Kensington lock slot
- BIOS Passwords: User, Supervisor

13	UPS, at least 800 watts	unit	2	5,000.00		10,000.00
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**Specification:**

?Recharging Time: at most 4 Hours

14	VoIP, Telephone	unit	1	15,000.00		15,000.00
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**Specification:**

**Features**

- **Display:** White backlit, greyscale, 3.5-inch (396x162 pixels) display
- **Call Appearance:** 16 voice lines
- **Fixed Feature Buttons:** Messaging, Service, Directory, Hold/Resume, Transfer, Conference, Volume Control, Speakerphone, Headset, and Mute
- **Navigation Keys:** Two-way navigation and select keys
- **Programmable Line/Feature Keys:** 16 programmable keys that support either lines (such as directory numbers), or call features (such as speed dialing).
- **Programmable Softkeys:** 4 buttons
- **Button Module Expansion:** No
- **Speakerphone:** Includes high-quality, 2-way speakerphone
- **Audio:** Wideband audio enhances clarity with the handset, speaker, or headset
- **Codecs:** G.711 (A-law and m-law), G.722.2, G.722, G.729ab, ILBC, iSAC, OPUS, Narrowband Opus DTMF: In-band, out-of-band (RFC 2833), and SIP INFO Early Media and Preconditions MOS Score Reporting (Telchemy)
- **Wall-Mountable:** Yes, requires optional Cisco 7800 Series Wall Mount Kit
- **Ethernet Connectivity:** Dual Ethernet (10/100) line interface (PC Pass Through & Network Connection)
- **Headset Port:** Includes RJ9 headset port with EHS support
- **Message Waiting Indicator:** Yes
- **Adjustable Tilt Display:** No
- **Network Security:** Certificates, Image authentication, Device authentication, File authentication, Signaling authentication, Media encryption using Secure Real-Time Transfer Protocol (SRTP) using AES-128, Signaling encryption using Transport Layer Security (TLS) Protocol using AES-128 or AES-256, Encrypted configuration files, 802.1X authentication, Cryptography

**POWER REQUIREMENTS**

- Supports 802.3af Power-over-ethernet (PoE)
- Can also be powered via optional power adapter if PoE is not available on your network (power supply sold separately – see accessories above)



**System Compatibility**

- **MUST** have with Multiplatform Phone Firmware
- *Compatible with existing VSU fleet*

**TOTAL****183,498.00**

Purpose: for office use

Checked by:

  
**NORMAN O. VILLAS**

Funds Available:

  
**ALICIA M. FLORES**

TWG - Office Equipment

HEAD, BUDGET OFFICE

Signature:

Printed Name:

Designation:

Prepared by:

  
**DAISY E. PANTORILLA**

Noted by:

  
**JOEL REY U. ACOB**

UNIT HEAD, PROJECT LEADER

Approved by:

  
**PROSE IVY G. YEPES**

PRESIDENT, VSU