



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

PURCHASE REQUEST

PPMP No. : **PPMP-2025-092524-0478**

PR No.: **GF-2024-10-02940**

Date: **10-11-2024**

Dept./Office: **ViCARP**

Category: **Office Equipment**

Section/End-User: **Tiffany P. Baguio**

Project Title/Code: **ViCARP A.III.C- Supplies and Materials**

Funding Source: **General Fund - MOOE**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Ink, Epson 003,Genuine Black 65mL	btl	15	350.00		5,250.00
2	Ink, EPSON 003,Genuine Cyan 65mL	btl	15	350.00		5,250.00
3	Ink, EPSON 003,Genuine Magenta 65mL	btl	15	350.00		5,250.00
4	Ink, EPSON 003,Genuine Yellow 65mL	btl	15	350.00		5,250.00
5	Presentation Clicker/Pointer	pcs	1	1,700.00		1,700.00

Specification:

R400 2.4 GHz USB-Receiver Red Laser Pointer Wireless Presentation Remote

6	Wifi Access Point (Existing fleet of VSU Access Points)	unit	1	12,000.00		12,000.00
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Specification:

- **Type:** WiFi Access Point
- **Model:** UAP-nanoHD
- **Dimensions:** 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29 inches)
- **Weight:** 300 g (10.6 oz); with Mounting Kits: 315 g (11.1 oz)
- **Networking Interface:** (1) 10/100/1000 Ethernet Port
- **Buttons:** Reset
- **Power Method:** 802.3af PoE
- **Power Supply:** UniFi Switch (PoE)
- **Power Save:** Supported
- **Beamforming:** Supported
- **Maximum Power Consumption:** 10.5W
- **Supported Voltage Range:** 44 to 57VDC

TX Power:

- 2.4 GHz: 23 dBm
- 5 GHz: 26 dBm

MIMO:

- 2.4 GHz: 2x2
- 5 GHz: 4x4

Radio Rates:

- 2.4 GHz: 300 Mbps
- 5 GHz: 1733 Mbps

Antennas:

- 2.4 GHz: (2) Single-Port, Single-Polarity Antennas, 2.8 dBi each
- 5 GHz: (2) Single-Port, Dual-Polarity Antennas, 3 dBi each

Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac/ac-wave2

Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES), 802.11w/PMF

BSSID: 8 per Radio

Mounting: Wall/Ceiling (Kits Included)

Operating Temperature: -10 to 70°C (14 to 158°F)

Operating Humidity: 5 to 95% Non-condensing

Certifications: CE, FCC, IC

Advanced Traffic Management:

- **VLAN:** 802.1Q
- **Advanced QoS:** Per-User Rate Limiting
- **Guest Traffic Isolation:** Supported
- **WMM:** Voice, Video, Best Effort, and Background
- **Concurrent Clients:** 200+

Supported Data Rates (Mbps):

- **802.11a:** 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- **802.11b:** 1, 2, 5.5, 11 Mbps
- **802.11g:** 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- **802.11n:** 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT 20/40)
- **802.11ac:**
 - 6.5 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2/3/4, VHT 20/40/80)
 - 58 Mbps to 1.7 Gbps (MCS0-MCS9 NSS1/2, VHT 160)

Should be compatible with the existing fleet of Unifi AP and Existing Unifi Controller

TOTAL				34,700.00	
Purpose: Office Use					
Checked by:  NORMAN O. VILLAS			Funds Available:  ALICIA M. FLORES 2025		
TWG - Office Equipment			HEAD, BUDGET OFFICE		

Prepared by:	Noted by:	Approved by:
Name: TIFANNY P. BAGUIO Designation:	<i>for</i> SANTIAGO T. PEÑA JR. <i>51c 10/14/24</i> UNIT HEAD, PROJECT LEADER	<i>for</i> PROSE IVY G. YEPES <i>51c 10/14/24</i> PRESIDENT, VSU