



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

PURCHASE REQUEST

PPMP No. : **46-5-1488-2024-7-0-0**

PR No.: **GF-2023-08-01913**

Date: **08-18-2023**

Dept./Office: **RCCRDC**

Category: **IT Supplies and Equipment**

Section/End-User: **Merlin R. Lebante**

Project Title/Code: **RCCRDC.A.III.C**

Funding Source: **General Fund - MOOE**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Ink, Epson 003,Genuine Black 65mL	btl	5	350.00		1,750.00
2	Ink, EPSON 003,Genuine Magenta 65mL	btl	5	350.00		1,750.00
3	Universal HDMI to VGA Adapter Cable, at least 1.8 meters	unit	3	300.00		900.00

Specification:

Universal HDMI to VGA Adapter Cable

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

UAP-nanoHD

Dimensions: 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")

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% Noncondensing

Certifications: CE, FCC, IC

Advanced Traffic Management

VLAN: 802.1Q

Advanced QoS: Per-User Rate Limiting

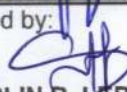
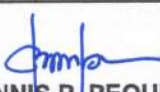
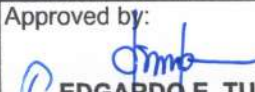
Guest Traffic Isolation: Supported

WMM: Voice, Video, Best Effort, and Background

Concurrent Clients: 200+

Supported Data Rates (Mbps)

Standard	Data Rates
802.11a	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 Gpbs (MCS0-MCS9 NSS1/2, VHT 160)					
802.11b	1, 2, 5.5, 11 Mbps				
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps				
TOTAL					16,400.00
Purpose: for RCCRDC use					
Checked by:  DIONESIO I. ESTUPA TWG - IT Supplies and Equipment			Funds Available:  ALICIA M. FLORES HEAD, BUDGET OFFICE		
Signature: Printed Name: Designation:	Requested by:  MERLIN R. LEBANTE END USER		Noted by:  DENNIS P. PEQUE UNIT HEAD, PROJECT LEADER		Approved by:  EDGARDO E. TULIN PRESIDENT, VSU