PPMP #: *70-5-850-2021-8-0-1*

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

PURCHASE REQUEST

Dept./Office: **UCC**

Section/End-User: **Norman O. Villas**

Funding Source: **General Fund - MOOE**

PR #: **GF-2020-10-00718** /1480

Category: **IT Supplies and Equipment**

Project Title/Code: **MIS-TIER1**

Date: **10-26-2020**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	**Battery for the UPS**	pc	100	300.00		30,000.00
	Specification: Genuine APC Battery replacement for APC SMT3000I					
2	**Cat5e/Cat6 Patch Panels**	unit	30	10,000.00		300,000.00
	Specification: CAT6+ REVConnect Patch Panel, Flat, 24-Port, 1U (Preloaded)					
3	**Data Cabinets**	unit	100	10,000.00		1,000,000.00
	Specification: 10U Wall mountable Data Cabinet Enclosed, Bottom, Front, Sides, Topwith key lock, 2 DC Exhaust fans, Power Strip, Cable Entry Systems, Locking, Removable Sides, Wall Mount ,Metal, Steel, black with grounding lag. UL/CSA 60950-1, EIA-310-E; IP20 Protection Rating. 1 Year warranty					
4	**Fiber Optic Patch Panels**	pc	300	1,000.00		300,000.00
	Specification: Termination Area: Front Sliding Drawer FiberExpress ECX Patch Panel Housing 1U, holds 2 ECX adapter frames or cassettes, : FX Adapter Strip LC Duplex					
5	**Ink, Epson 003,Genuine Black 65mL**	btl	50	350.00		17,500.00
6	**Ink, EPSON 003,Genuine Cyan 65mL**	btl	50	350.00		17,500.00
7	**Ink, EPSON 003,Genuine Magenta 65mL**	btl	50	350.00		17,500.00
8	**Ink, EPSON 003,Genuine Yellow 65mL**	btl	50	350.00		17,500.00
9	**Ink, Epson, genuine (C) T664, 70 ml**	pieces	50	350.00		17,500.00
10	**Ink, Epson, genuine (M) T664, 70 ml**	pieces	50	350.00		17,500.00
11	**Ink, Epson, genuine, (BK) T664, 70 ml**	pieces	50	350.00		17,500.00
12	**Ink, Epson, genuine, (Y) T664, 70 ml**	pieces	50	350.00		17,500.00

13	**Security Stick (USB)**	pc	100	3,000.00		300,000.00

Specification:

At least 16GB

lock for data

encryption and password protection

locks down and reformats after 10 failed login attempts

USB 3.0 interface

14	**Subscription of leased line (E1) internet connection with 1 Gigabit CIR for main campus (Free Wi-Fi)**	lot	1	2,160,000.00		2,160,000.00

Specification:

1 Year Subscription (renewable every year)Dedicated Premiun/Leased Line 1Gbps Commited Information Rate(CIR) Upload and Download

Uncontended, symmetrical bandwidth with full-duplex traffic

Last Mile: Fiber Optics

Speed: alteast 100Mbps Upload and Download or higher

Enterprise Level Router

/29 IP Block

Low Latency and Jitter

With local peering / Domestic peering

24/7 tech support via Email, Land Line, Mobile, Web Chat

99% Uptime Service Level Agreement or higher

15	**Subscription of leased line (E1) Internet connection with 100 mbps CIR for each satelite campuses (Free Wi-fi)**	lot	4	540,000.00		2,160,000.00

Specification:

1 Year Subscription (renewable every year) Dedicated Premiun/Leased Line 100Mbps Commited Information Rate(CIR) Upload and Download

Uncontended, symmetrical bandwidth with full-duplex traffic

Last Mile: Fiber Optics

Speed: al teast 100Mbps Upload and Download or higher

Enterprise Level Router

/29 IP Block

Low Latency and Jitter

With local peering / Domestic peering

24/7 tech support via Email, Land Line, Mobile, Web Chat

99% Uptime Service Level Agreement or higher

16	**UTP Cable**	spool	100	12,000.00		1,200,000.00

Specification:

Cat6 23AWG

Category 6+ Enhanced Premise Horizontal Cable (350MHz), 4 Bonded-Pairs, 23 AWG Solid Bare Copper Conductors, U/UTP, Riser-CMR, PVC Jacket

17	**Wireless Access Point**	unit	200	9,900.00		1,980,000.00

Specification:

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

Weight

With Mounting Kits

300 g (10.6 oz)

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

5 GHz

23 dBm

26 dBm

MIMO

2.4 GHz

5 GHz

2x2

4x4

Radio Rates

2.4 GHz

5 GHz

300 Mbps

1733 Mbps

Antennas

2.4 GHz

5 GHz

(2) Single-Port, Single-Polarity Antennas, 2.8 dBi each

(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 Gbps (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

**Should be compatible with existing UniFi Controller**

18	**Wireless Optical Mouse**	pcs	180	1,000.00		180,000.00

Specification:

- Adjustable 500/1000 DPI high-definition tracking engine
- Reliable 2.4GHz wireless connection, perfect for anti-jamming
- Supports 4D scroll wheel and optical buttons No installation software or drivers required: plug and play
- Powered by 2 x AA alkaline batteries, you can use this mouse with only one battery

	TOTAL					**9,750,000.00**

Purpose: FOR MIS Use

Checked by: DIONESIO I. ESTUPA	Funds Available: MYRNA S. PANCITO
TWG - IT Supplies and Equipment	HEAD, BUDGET OFFICE

	Requested by:	Noted by:	Approved by:
Signature:			
Printed Name:	**NORMAN O. VILLAS**	**SEAN O. VILLAGONZALO**	**EDGARDO E. TULIN**
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU