



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

PURCHASE REQUEST

Dept./Office: **CFES**

Section/End-User: **Jesibel L. Muertigue**

Funding Source: **General Fund - MOOE**

PR No.: **GF-2022-10-02031**

Date: **10-07-2022**

Category: **IT Supplies and Equipment**

Project Title/Code: **VSU-FTP-2021-3a.4**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Ink, Epson 003,Genuine Black 65mL	btl	3	350.00		1,050.00
2	Mouse, Wired, Optical, USB	pieces	2	210.00		420.00
Specification: ?USB Port Connectivity ?Sensor: Optical ?DPI: 1600 ?Work method: Wired ?Buttons: Left button, middle button, right button ?Scroll wheel direction: Two way ?Design highlights: Easy installation. 1600 DPI high-definition tracking engine. Anti-slip scroll wheel. Full-size, ambidextrous design						
3	Processor, Intel Core i5, at least 8th gen	unit	1	11,500.00		11,500.00
Specification: ?6 Cores/ 6 Threads ?2.90 GHz up to 4.10 GHz Max Turbo Frequency/ 9 MB Cache ?Compatible only with Motherboards based on Intel 300 Series Chipsets ?Discrete GPU required - No integrated graphics ?Intel Optane Memory supported						
4	Wireless Access Point	unit	1	9,900.00		9,900.00
Specification: ?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

	TOTAL					22,870.00
Purpose: For ENHANCE Project operation						
Checked by:				Funds Available:		
MICHAEL ANTHONY JAY B. REGIS				ALICIA M. FLORES		
TWG - IT Supplies and Equipment				HEAD, BUDGET OFFICE		

Signature:	Requested by:	Noted by:	Approved by:
Printed Name:	JESIBEL C. MUERTIGUE	DENNIS P. PEQUE ✓	EDGARDO E. TULIN ✓
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU