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

STF-2021-05-00196

PURCHASE REQUEST

Dept./Office: **DFS**

Section/End-User: **Dennis P. Peque**

Funding Source: **Special Trust Fund**

PR #: **STF-2021-05-00196**   Date: **05-21-2021**

Category: **IT Supplies and Equipment**

Project Title/Code: **DFS-Laboratory Share 2021**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	**Wireless Access Point**	unit	1	9,900.00		9,900.00
	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

	TOTAL						9,900.00

Purpose: For office use

Checked by:	Funds Available:
MICHAEL ANTHONY JAY B. REGIS	**MYRNA S. PANCITO**
TWG - IT Supplies and Equipment	HEAD, BUDGET OFFICE

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