



## PURCHASE REQUEST

Dept./Office: **CVM**PR #: **STF-2021-07-00440**Date: **07-07-2021**Section/End-User: **Noel C. Bustillo**Category: **IT Supplies and Equipment**Funding Source: **Special Trust Fund / LAB. PSES**Project Title/Code: **CVM Teaching Hospital**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>3M RJ-45 Volition U.S. Faceplate face plate panel double port 2-Port IO Information Outlet plate</b>	pc	20	150.00		3,000.00

**Specification:**

- Original 3M
- IO Information Outlet plate
- Ensure easy fitting and smart presentation of the RJ45 jacks
- The Keystone mounting feature of the Jack may allow you to use other Keystone boxes or faceplates.
- High performance
- Brand new
- comes with 2 pcs screws
- **Existing fleet of VSU Faceplate and should be compatible with existing keystone**

2	<b>3M Volition Cat6 8-Way Female Tool-less IO Information Outlet RJ45 Connector Keystone Mount</b>	pc	40	350.00		14,000.00
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**Specification:**

- Original 3M
- IO Information Outlet
- Tool-less jack •
- Re-usable •
- Shallow Depth, Cable Entry from top or bottom •
- Keystone Mounting •
- Accepts both solid conductors from AWG 26 to 22 and stranded conductors •
- Integral shutter Benefits •
- Easy and quick to install •
- Fast reliable connection in record time: 8 copper conductor wired in a single connection •
- Quality of connection by design: not dependant on tool condition or operator skills
- Consistent results •
- Easier cable management •
- No need to use a new jack if a wiring mistake is made •
- More space and flexibility to ensure the cable minimum bend radius is never compromised •
- Compatibility between Volition copper and fiber jacks and many other accessories on the market using the standard keystone mounting •

- Compatible with all cables on the market and enables 'jack to plug' cables to be manufactured using stranded conductors •
- Increased dust protection, especially during installation • No additional shuttering required on faceplates •
- Higher port density •
- Allows direct mounting into floor boxes •
- An integral shutter protects the jack in the patch panel •
- Should be compatible with the existing fleet of VSU faceplates

3	<b>RJ-45 Modular Connector (AMP)</b>	pieces	40	20.00		800.00
4	<b>UTP Cable (300 meters), CAT 6 23 AWG</b>	box	3	8,500.00		25,500.00

**Specification:**

?UTP Cable cat6  
 ?Cat 6 Cable UTP Unshielded AWG23  
 ?Gray Data LAN Cable  
 ?1000 feet 305m 1000ft.  
 ?must be UL listed & ISO certified cable

5	<b>Wireless Access Point</b>	unit	2	9,900.00		19,800.00
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**Specification:**

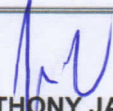

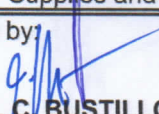

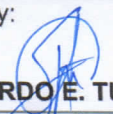
?Dimensions 160 x 160 x 32.65 mm (6.30 x 6.30 x 1.29")  
 ?Weight  
 ?With Mounting Kits  
 ?300 g (10.6 oz)  
 ?315 g (11.1 oz)  
 ?Networking Interface (1) 10/100/1000 Ethernet Port  
 ?Buttons Reset  
 ?Power Method 802.3af PoE  
 ?Power Supply UniFi Switch (PoE)  
 ?Power Save Supported  
 ?Beamforming 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

	<b>TOTAL</b>					<b>63,100.00</b>
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Purpose: office use

Checked by:		Funds Available:	
 <b>MICHAEL ANTHONY JAY B. REGIS</b>		 <b>MYRNA S. PANCITO</b>	
TWG - IT Supplies and Equipment		HEAD, BUDGET OFFICE	
Signature:	Requested by:	Noted by:	Approved by:
	 <b>NOEL C. BUSTILLO</b>	 <b>SANTIAGO T. PEÑA JR.</b>	 <b>EDGARDO E. TULIN</b>
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU