



## PURCHASE REQUEST

Dept./Office: **SSO**PR #: **GF-2021-09-01138**Date: **09-29-2021**Section/End-User: **Jemuel A. Ocañada**Category: **IT Supplies and Equipment**Funding Source: **General Fund - MOOE**Project Title/Code: **OUDDRM-2021-A**

| Item # | Item Description             | Unit | Qty | Unit Cost | PAR/ICS | Total Cost |
|--------|------------------------------|------|-----|-----------|---------|------------|
| 1      | <b>Wireless Access Point</b> | 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:

**MICHAEL ANTHONY JAY B. REGIS**

**TWG - IT Supplies and Equipment**

Funds Available:

**ALICIA M. FLORES**

**HEAD, BUDGET OFFICE**

Requested by:

**JEMUEL A. LOCAÑADA**

**END USER**

Noted by:

**JULIUS V. ABELA**

**UNIT HEAD, PROJECT LEADER**

Approved by:

**EDGARDO E. TULIN**

**PRESIDENT, VSU**