AIE

We have prepared a quote for you

Wheaton Park District: Blanchard Building Network Setup - P20240123.0001

Quote # TM002869 Version 2

Prepared for:

Prepared by:

Wheaton Park District

Tony Montero

Monday, March 04, 2024

Wheaton Park District
Mike Benard
1777 S Blanchard St
Wheaton, IL 60189
mbenard@wheatonparks.org

Dear Mike,

This project will build out the network for the WPD Blanchard Building by adding, installing, and configuring one new firewall with Wi-Fi, one switch and an UPS for the network equipment as well as coordinating the new ISP connection for this site. By securing a firewall that provides both security and Wi-Fi access, WPD will avoid the costs of a separate access point and corresponding license. This solution ensures immediate savings while allowing room for future expansion as needs evolve.

AIE will handle the installation of the afore mentioned networking equipment, (one new firewall, switch, and UPS), while WPD or their contractor will take care of installing the AIE provided half-rack. Please note that cabling and termination are not included in AIE's scope, and WPD or their contractor will be responsible for completing any necessary cabling or termination tasks. In addition, in the event that the demarcation or entry point of the ISP does not reach the half-rack, it is assumed that WPD and/or WPD's contractor will be responsible for working on the extension of the entry point to the location of the half-rack.

Tony Montero
Account Manager
Advanced Intelligence Engineering

Hardware

Description	Price	Qty	Ext. Price
Meraki MX67W Network Security/Firewall Appliance *5 Port - 10/100/1000Base-T - Gigabit Ethernet - Wireless LAN IEEE 802.11ac - WEP, WPA, WPA2-PSK, WPA2-ENT - 5 x RJ-45 - Desktop, Wall Mountable*	$650.00	1	$650.00
Meraki MS120-8 1G L2 Cloud Managed 8X GI - 8 Ports - Manageable - Gigabit Ethernet *2 Layer Supported Modular - 2 SFP Slots - 9 W Power Consumption - Twisted Pair, Optical Fiber - Wall Mountable, Desktop - Lifetime Limited Warranty*	$419.00	1	$419.00
APC by Schneider Electric Smart-UPS 750VA Rack-mountable UPS *2U Rack-mountable - AVR - 3 Hour Recharge - 5.45 Minute Stand-by - 120 V Input - 120 V AC Output - Sine Wave - USB - LCD Display - 6 x NEMA 5-15R*	$692.00	1	$692.00
StarTech.com 3ft (90cm) CAT6 Ethernet Cable *LSZH (Low Smoke Zero Halogen) 10 GbE Snagless 100W PoE UTP RJ45 Gray Network Patch Cord, ETL - 3ft/90cm Gray LSZH CAT6 Ethernet Cable - 10GbE Multi Gigabit 1/2.5/5Gbps/10Gbps to 55m - 100W PoE++ - ANSI/TIA-568-*	$4.00	3	$12.00
StarTech.com 3m(10ft) CAT6 Ethernet Cable *LSZH (Low Smoke Zero Halogen) 10 GbE Snagless 100W PoE UTP RJ45 Gray Network Patch Cord, ETL - 10ft/3m Gray LSZH CAT6 Ethernet Cable - 10GbE Multi Gigabit 1/2.5/5Gbps/10Gbps to 55m - 100W PoE++ - ANSI/TIA-568-2.D*	$5.00	1	$5.00
NavePoint 12U Server Rack Enclosure *23.6" Deep, 12U Wall Mount Network Cabinet with Locking Glass Door for 19" IT Equipment, 12U Network Rack with 2 Fans, Removable Side Panels, Black*	$342.00	1	$342.00
		Subtotal	**$2,120.00**

Software & Licensing

Description	Price	Qty	Ext. Price
Meraki Enterprise + 3 Years Enterprise Support - Subscription License *1 Security Appliance - 3 Year - MX67W Cloud Managed Firewall - License and Support - 3 Year License Validation Period*	$465.00	1	$465.00
Meraki Enterprise + 3 Years Enterprise Support *Subscription License - 1 Switch - 3 Year - MS120-8 Cloud Managed Switch - 3 Year License Validation Period*	$52.00	1	$52.00
		Subtotal	**$517.00**

Project Labor

◢ Architect and Design Project Solution

Architect project design and solution. Work with vendors, engineers and WPD to address networking equipment needs.

◢ Setup ISP

Reserve Static IP (/29 network with 5 IPs) and setup ISP account. AIE will work to with ISP to conduct connectivity pre-check. ISP vendor will install and set up modem. AIE will test internet speeds and work with ISP vendor to setup pass-thru connectivity.

◢ Configure Firewall

Connect NIC cable from firewall to ISP modem and to switch. Configure ISP connection and traffic shaping, VLAN, DHCP, site-to-site VPN, and firewall rules. Configure wireless settings.

◢ Configure Switch

Connect pc cables to switch. Configure trunk ports for uplinks and access ports for data and voice devices.

◢ Install UPS

Mount and configure UPS unit. Connect network equipment and firewall and modem to UPS. Configure monitoring on UPS.

◢ Test Meraki Network

Remote into the network to test ethernet connectivity. Work with an WPD staff member and/or contractor to confirm wireless is working.

Project Labor Subtotal:	**$2,850.00**

Payment Terms

In order to initiate the work, AIE requires a signed copy of the agreement along with 100% down payment on all hardware and licensing and 50% down payment on all labor. The balance of the labor, along with any additional surcharges or tax, will be billed Net20 upon completion of the work.

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Prepared by:	Prepared for:	Quote Information:
Advanced Intelligence Engineering	**Wheaton Park District**	**Quote #: TM002869**
Tony Montero	1777 S Blanchard St	Version: 2
(630) 936-4045	Wheaton, IL 60189	Delivery Date: 03/04/2024
Fax (815) 346-5342	Mike Benard	Expiration Date: 03/08/2024
jmontero@aie195.com	(630) 510-4945	
	mbenard@wheatonparks.org	

Assumptions

- Client staff will be available in a timely manner for questions and testing of changes.
- Client will provide all necessary software discs, serial numbers, and passwords for any software needing to be reinstalled.
- The work will be completed Monday-Friday / 7:30am-5:30pm, unless otherwise designated by AIE.
- AIE will install one new firewall, switch and the UPS while WPD or WPD contractor will install the half rack.
- Cabling and termination are not in scope. Any cabling or termination will be completed by WPD or WPD contractor.
- The location of the ISP entry point into the building extends from the point of demarcation to the area where the half rack will be installed.
- WPD and/or WPD's contractor will be responsible for working on the extension of the entry point to the location of the half-rack if needed.
- Once the project is completed and Wi-Fi connectivity testing is finalized, should it be determined that the coverage is not satisfactory, AIE can explore additional networking equipment, cabling, and installation to extend Wi-Fi coverage. Any such additional work will be subject to standard project rates as mentioned below.

Should any of these assumptions prove to be incorrect, additional labor will be billed at AIE's project rates of $190/hr., with after-hours work billed at 1.5x project rates.

Quote Summary

Description	Amount
Hardware	$2,120.00
Software & Licensing	$517.00
Project Labor	$2,850.00
Total:	**$5,487.00**

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.
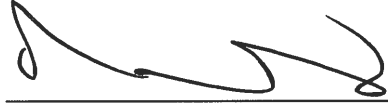
Advanced Intelligence Engineering

Signature: _____

Name: Tony Montero

Title: Account Manager

Date: _____

Wheaton Park District

Signature: _____

Name: Mike Benard

Title: Executive Director

Date: 3/15/24