



Advanced Intelligence Engineering

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We have prepared a quote for you

**Wheaton Park District - Memorial Park Renovation  
Project 20190624.0001**

Quote # JW001565 Version 5

Prepared for:

Wheaton Park District

Prepared by:

Jeremy Willis



## Advanced Intelligence Engineering

Friday, February 07, 2020

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

Dear Mike,

**VERSION 5 UPDATE (2/7/2020):**

Reduced all hardware and software charges to zero point mark-up. Changed the signer from Rob Sperl to Mike Benard.

=====

**UPDATED POST ONSITE VISIT WITH NICK/ROB:**

We removed the option for public wireless. Additional labor was added to one phase (configuring the existing network) that was missing on prior version of the quote. All other items remain the same.

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Wheaton Park District is renovating the Memorial Park band shell. As part of the project, WPD would like to install outdoor wireless access that will be accessible for the WPD employees and the clients and vendors who will be utilizing the band shell throughout the year. The scope of this project includes the installation of a switch and wireless access points, along with the deployment of two POS devices into the new concessions area. It is important to note that this project does not include any fiber pulls or cabling from the Leisure Center to the band shell, which are being scoped by a separate company.



Jeremy Wills  
President  
Advanced Intelligence Engineering

## Hardware

Description	Price	Qty	Ext. Price
Meraki MR42 IEEE 802.11ac 1.90 Gbit/s Wireless Access Point - 2.40 GHz, 5 GHz - MIMO Technology - 1 x Network (RJ-45) - Ethernet, Fast Ethernet, Gigabit Ethernet - Desktop, Wall Mountable, Ceiling Mountable	\$659.40	2	\$1,318.80
Meraki MS210-24P Ethernet Switch - 24 Ports - Manageable - 3 Layer Supported - Modular - Twisted Pair, Optical Fiber - 1U High - Rack-mountable	\$2,528.86	1	\$2,528.86
StarTech.com 1000BASE-SX MSA Compliant SFP Module - LC Connector - Fiber SFP Transceiver - Lifetime Warranty - 1 Gbps - Max. Transfer Distance 550 m (1804 ft) - 1000BASE-SX fiber transceiver adds reliable 1Gb over fiber - StarTech.com lifetime warranty on	\$27.21	1	\$27.21
StarTech.com Wallmount Server Rack Cabinet - Hinged Enclosure - 12U - Wallmount Network Cabinet - 19.7in Deep - Use this wall mount network cabinet to mount your server or networking equipment to the wall with a hinged enclosure for easy access - Save spa	\$358.48	1	\$358.48
APC by Schneider Electric Back-UPS Pro 1.0KVA Tower UPS - Tower - 16 Hour Recharge - 3.70 Minute Stand-by - 120 V AC Input - 120 V AC Output - 4 x NEMA 5-15R, 6 x NEMA 5-15R	\$133.49	1	\$133.49
Tripp Lite Cat6 PoE Patch Panel 24-Port 110/Krone 568A/B RJ45 1URM TAA - 24 Port(s) - 24 x RJ-45 - 1U High - Black - 19" Wide - Rack-mountable - TAA Compliant	\$39.67	1	\$39.67
StarTech.com 1m Fiber Optic Cable - 10 Gb Aqua - Multimode Duplex 50/125 - LSZH - LC/LC - OM3 - LC to LC Fiber Patch Cable - LC Male - LC Male - 3.28ft - Aqua	\$12.91	2	\$25.82
StarTech.com 3 ft High Speed HDMI Cable - Ultra HD 4k x 2k HDMI Cable - HDMI to HDMI M/M - 3 ft HDMI A/V Cable for Blu-ray Player, HDTV, DVD Player, Stereo Receiver, Projector, Audio/Video Device, TV, Gaming Console, Digital Video Recorder, Audio Amplifier	\$5.29	1	\$5.29
DisplayPort to HDMI Female Adapter	\$10.98	1	\$10.98
Lenovo ThinkCentre M710q Desktop Computer - Core i5 i5-7500T - 8 GB RAM - 256 GB SSD - Tiny - Black - Windows 10 Pro 64-bit - Intel HD Graphics 630 - English Keyboard - Wireless LAN - Bluetooth	\$683.75	1	\$683.75
Black Box Slim-Net Cat.6 Patch UTP Network Cable - 1 ft Category 6 Network Cable for Patch Panel, Network Device - First End: 1 x RJ-45 Male Network - Second End: 1 x RJ-45 Male Network - Patch Cable - Black	\$2.74	24	\$65.76
Samsung 477 HG32NJ477NF 32" LED-LCD TV - HDTV - Black Hairline - Direct LED Backlight - Dolby Digital Plus	\$215.73	1	\$215.73

## Hardware

Description	Price	Qty	Ext. Price
Mount-It Full Motion TV Wall Mount	\$23.91	1	\$23.91
Subtotal			<b>\$5,437.75</b>

## Software & Licensing

Description	Price	Qty	Ext. Price
Meraki MR Enterprise Cloud Controller License, 3 Years - Meraki MR Series Access Point - Subscription License 1 Access Point - 3 Year License Validation Period	\$180.00	2	\$360.00
Meraki Enterprise with 3 Years Enterprise Support - MS210-24P Cloud Managed Gigabit Switch - Subscription License 1 Switch - 3 Year License Validation Period	\$252.00	1	\$252.00
Subtotal			<b>\$612.00</b>

### Project Labor

WHEATON PARK DISTRICT UNDERSTANDS THAT THE HARDWARE/SOFTWARE/LABOR TO PROVIDE PUBLIC WIRELESS AT THE BAND SHELL HAS BEEN REMOVED FROM THIS PROPOSAL.

#### Configure Meraki Devices

Configure devices in the Meraki portal. Configure new wireless network for Memorial Park including a staff network only. Configure switch on site to use the new fiber module and configure the trunk connection.

#### Configure Workstation for Camera Access

Configure workstation for the park district network to access the camera system and display camera feed.

#### Configure Existing Network

Configure firewall and switch for additional networks.

#### Deploy Equipment

Install fiber adapters into existing switch and connect fiber to band shell. Install switch and access points. Test connectivity through all devices.

#### Deploy Workstation

Deploy workstation for accessing camera system.

#### Install TV

Install the TV mounting bracket. Mount the TV.

#### Terminate and Test Cable

Terminate and test up to 24 cat6 cables.

Project Labor Subtotal: **\$5,040.00**

### Monthly Services Totals (post project)

This project changes your network infrastructure, and will result in changes to your ongoing IT services billing, under the existing Managed Services Provider Agreement. Your monthly IT services following the project are outlined below

Description	Recurring	Qty	Ext. Recurring
<b>AIE Managed IT Services</b>			
<b>Added Managed Meraki Devices</b>	\$25.00	3	\$75.00
<b>Added Managed Workstation</b>	\$35.00	1	\$35.00
	Recurring Subtotal		<b>\$110.00</b>

### 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.



## Advanced Intelligence Engineering

### Wheaton Park District - Memorial Park Renovation Project 20190624.0001

**Prepared by:**

**Advanced Intelligence Engineering**

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jwills@aie195.com

**Prepared for:**

**Wheaton Park District**

1777 S Blanchard St  
Wheaton, IL 60189  
Mike Benard  
(630) 510-4945  
mbenard@wheatonparks.org

**Quote Information:**

**Quote #: JW001565**

Version: 5  
Delivery Date: 02/07/2020  
Expiration Date: 03/31/2020

### 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.
- A fiber line will need to be run between the Leisure Center network equipment to the switch in the bandshell. This project does not include the installation and termination of this fiber line. Terminations are assumed to be LC connections.
- AIE will be re-purposing an SFP connector from the Community Center that is no longer in use to connect to the Leisure Center switch. It will be used to connect the fiber.
- The cabling will be run by a WPD wiring contractor, but AIE will be responsible for termination and testing.
- A final number of drops has not been determined, but they will not exceed 24 lines.
- AV vendor will provide the TV to be used as the camera system.
- WPD has requested that public wireless not be made available.

Should any of these assumptions prove to be incorrect, additional labor will be billed at AIE's project rates of \$180/hr, with after hours work billed at 1.5x project rates.

### Quote Summary

Description	Amount
Hardware	\$5,437.75
Software & Licensing	\$612.00
Project Labor	\$5,040.00
<b>Total:</b>	<b>\$11,089.75</b>

### Recurring Expenses Summary

Description	Amount
Monthly Services Totals (post project)	\$110.00
<b>Recurring Total:</b>	<b>\$110.00</b>


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



## Advanced Intelligence Engineering

Advanced Intelligence Engineering

Wheaton Park District

Signature: 

Name: Jeremy Wills

Title: President

Date:

Signature: 

Name: Mike Benard

Title: Executive Director

Date: 2/19/2020