



Advanced Intelligence Engineering

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We have prepared a quote for you

Pool Cabling

Quote # GP001026 Version 2

Prepared for:

Wheaton Park District

Prepared by:

Geoff Pearson

Tuesday, May 08, 2018

Wheaton Park District
Adam Nirenberg
1777 S Blanchard St
Wheaton, IL 60189
anirenberg@wheatonparks.org

Dear Adam,

This quote is for wiring changes at Rice and Northside pools. The recent installation of security camera systems by Imperial requires connection into the network for remote access of these systems. Part of the installation of the systems included implementation of electrical equipment racks. For security and protection of the network equipment and ease of connecting the camera systems to the existing infrastructure, we are recommending that existing network cabling be relocated and terminated in the new equipment cabinets.

At Rice pool, this will require re-running the 6 existing drops so that they terminate into the equipment cabinet and not into their current unprotected location on the wall. We are recommending running two additional cable drops to the admissions area in this process so that the 5-port mini switch used to connect equipment at the admissions desk can be retired (eliminating this potential point of failure).

In order to allow for the proper separation and security of communications between the Rice Pool security camera system and the other devices on the network, a new switch must be installed at this location. This is also specified in this quote.

At Northside Pool the only necessary change is to re-route the existing cables from their current termination point into the new equipment cabinet, which is located on the other side of the electrical room. The existing cables have enough length to accomplish this without requiring new cables to be run. Labor for completing this change is detailed on this quote.

Please review this quote at your convenience and return a signed copy to us if it is satisfactory. We are looking to complete this project before the 15th of May, when the pools begin to be staffed for the summer.



Geoff Pearson
Technical Account Manager
Advanced Intelligence Engineering

Hardware

Description	Price	Qty	Ext. Price
Hardware			
Meraki MS210-24P Ethernet Switch - 24 x Gigabit Ethernet Network, 4 x Gigabit Ethernet Uplink - Manageable - Twisted Pair, Optical Fiber - Modular - 3 Layer Supported - 1U High - Rack-mountable	\$2,528.85	1	\$2,528.85
Schneider Electric Back-UPS 600VA Desktop UPS - 330 W - Input Voltage: 120 V AC - Output Voltage: 115 V AC - Desktop	\$67.09	1	\$67.09
Intellinet Cat6 UTP 24-Port Patch Panel, 1U - Compatible with both 110 and Krone punch down tools	\$33.15	1	\$33.15
Section Subtotal			\$2,629.09
Cabling			
Rosewill M6 Server Cage Nuts and Mounting Screws (20-Pack)	\$0.00	1	\$0.00
1000' Cat6e Cable	\$0.00	3	\$0.00
Ivory 2-Port Faceplate	\$0.00	2	\$0.00
C2G Cat6 RJ45 UTP Keystone Jack - Ivory - 3.20 oz	\$0.00	8	\$0.00
Cabling materials (screws, bolts, keystone jacks, faceplates, Cat6e cable, biscuit jacks, RJ45 heads)	\$414.70	1	\$414.70
Section Subtotal			\$414.70
Subtotal			\$3,043.79

Software & Licensing

Description	Price	Qty	Ext. Price
Meraki Enterprise with 3 Years Enterprise Support - MS210-24P Cloud Managed Gigabit Switch - Subscription License 1 Switch - 3 Year License Validation Period	\$289.80	1	\$289.80
Subtotal			\$289.80

Re-Cabling at Rice Pool

Run Cabling

Run cable for 4 double drops (8 cables total) to replace existing drops with runs that will terminate in the 12U wall mount cabinet in Wendy's office. There will be 1 double drop in the admissions booth, 1 double drop at Wendy's desk, 1 double drop in the first aid station, and 1 double drop in the concessions area. Terminate, test, and label all drops.

Preconfigure Switch

Configure switch to handle VLANs for the security cameras and data and phone networks. Configure VLANs in the existing switch infrastructure to pass off the camera VLAN to the security camera installers.

Install Network Equipment

Install new switch and UPS in the 12U rack in Wendy's office. Confirm connectivity for each device in the pool area.

Re-Cabling at Rice Pool Subtotal: **\$1,944.00**

Move Cabling at Northside Pool

Move Cabling

Move cabling from existing rack in the Northside Pool MDF to the new 12U rack.

Move Network Equipment

Move the existing network equipment for Northside Pool to the new cabinet and configure a VLAN for the camera system. Test connectivity to each device at the pool.

Move Cabling at Northside Pool Subtotal: **\$486.00**

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. Alternatively, a PO# can be provided in lieu of down payment.

Pool Cabling



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Quote Information:
Quote #: GP001026
Version: 2
Delivery Date: 05/08/2018
Expiration Date: 05/11/2018

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.
- Cables runs will need to be completed while the pool is closed as much of the work will need to be completed in the ceiling where privacy would become a concern for patrons in the changing areas.
- The client will provide a ladder for the technician running cable in the area.
- The network equipment will be powered on separate UPS's from the camera equipment.
- Some equipment will be expected to be connected behind a phone in some areas.

Should any of these assumptions prove to be incorrect, additional labor will be billed at AIE's standard rates of \$108/hr.

Quote Summary

Description	Amount
Hardware	\$3,043.79
Software & Licensing	\$289.80
Re-Cabling at Rice Pool	\$1,944.00
Move Cabling at Northside Pool	\$486.00
Total:	\$5,763.59

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

Advanced Intelligence Engineering

Wheaton Park District

Signature: _____

Name: Geoff Pearson

Title: Technical Account Manager

Date: _____

Signature: _____

Name: Adam Nirenberg

Title: ~~CIO~~ Exec Dir

Date: 5/9/10