

Water Treatment Plant Surveillance

City of Blue Ridge



Presented By:



Digital Interiors, Inc.

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Number: 2789
Modified: 2/22/2017
Revision: 1

Surveillance System

Digital Interiors has put together a spec for the Surveillance System for the Water Treatment Plant in Blue Ridge

3 Starlight (plus IR) PTZ Cameras with video analytics built in. These cameras are 2MP (1080P) w/ 30x Zoom

1 2U Rack Mount NVR with 4 Channels Active (additional licenses can be purchased to add cameras in the future) and 2TB of storage. It can hold up to 3 more hard drives at 6TB each

3 POE Surge Protectors

1 Lockable Rack

1 Rack Mount UPS for short power failures and surge protection

1 8 Port POE Rack Mount Switch

1 Dell OptiPlex i3 4GB / 500GB HD / 24" Monitor w/ 3 Year Warranty

CAT6 Plenum wire will be run through drop ceiling to each camera location

Setup Desktop for View and Controlling Cameras

Setup Remote Access (App for Android/iOS) - requires VPN or port forward on network

1 Packedge Firewall to provide separate segmented network for Surveillance - only accessible to the dedicated computer and remote access.

Video Analytics will be setup and operational for auto tracking

Note:

Wiring for Cameras 2&3 May require hard conduit to be run under the soffit to get wire to an accessible part of the building

Rack location in storage closet will have power and wall will support a wall mount rack (if metal studs are in this wall a backer board we need to be put in place to provide support)

* Price Includes Accessories

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1 **Araknis Networks AN-310-SW-R-8-POE**

Araknis Networks - 310-series 8-port Managed Gigabit Switch with PoE+ and Front Ports

75 **Bulk Wire CAT 6 UTP - Blue Plenum**

CAT 6 UTP - Blue Plenum (1000ft)

5 **Digital Interiors Programming Labor**

General Programming

1 **DII Dell OptiPlex Desktop with 24" Monitor**

Dell OptiPlex Desktop with 24" Monitor

i3 / 4GB / 500GB HD

Price will be adjusted to reflect current pricing from Dell when order is placed

3 **Ditek DK-MRJPOE**

TPD - Cat 6, 1Gb, POE Ethernet Surge Protection 8 wire RJ45 female connector

1 **PakEdge RE-1**

PakEdge - Gigabit, Streamline Router - Single VLAN

1 **Strong SR-WMS-10U**

Strong - 10U Wall Mount Rack System

1 **Visualint VI-L-4-2000R**

Line Series NVR - 4Channel, 2 TB of Memory

3 **Visualint VI-M-7150-VT**

Outdoor IP Auto-Track PTZ Camera with Starlight and Virtual Technician (2mp WHITE)

1 **Wattbox WB-UPS-1100-8**

Wattbox - Rackmount UPS with 8 Outlets - 1100 VA

Project Subtotal: \$18,209.49

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Project Summary

Equipment:	\$18,209.49
Misc. Parts Adjustment:	\$728.39
Labor:	\$3,666.25
Sales Tax:	\$1,515.03
Grand Total:	\$24,119.16

Client:

Date

Contractor: Digital Interiors, Inc.

Date

* Price Includes Accessories