



Monterey Peninsula Water Management District
Camera Project – Executive Summary

Overview

Add cameras to three locations (Harris Court Building, Sleepy Hollow Facility, ASR Facility) and have them all controlled/viewed by one location from the office at Harris Court

ASR Facility

Cameras (3)

P2P network back to existing Internet at Electrical Building (Mimosa C5x 4.9-6.4)

Network Switch

Labor – Technical Engineering

Labor – Camera installation and Configuration

Construction – YSS Builders - Total cost for materials and labor to not exceed \$5,800 (see attached quote for details)

Mount antenna provided by others unto roof to obtain internet service to Santa Margarita Treatment building. Penetrate roof access hatch and bring low voltage cable into analyzer room. Penetrate interior wall and set up shelf on west side of wall. Provide electrical (110V) service. Run low voltage line to exterior of east side of analyzer room. Penetrate perimeter wall and install JB on northeast corner. Camera, installed by others to face electrical building. Mount conduit alongside east face of treatment building. Terminate in JB on southeast corner of building. Cameras to be installed by others, to face south and east. Install 2 pull cords from southeast JB to building interior.

Sleepy Hollow Facility

Cameras (3) – 1 on office facing Water Processing, 2 on new pole to be placed under tree next to road on North side of the Office, 1 facing West toward Water Processing and 1 facing East entrance gate

Network Switch

Labor – Technical Engineering

Labor – Camera installation and Configuration

Construction – YSS Builders, materials and labor to not exceed \$3,500 (see attached quote for details)

Install conduit from exterior to interior above entrance door. Mount JB at end of conduit run so camera can be installed by others to face RAS building. Install pull string from JB to end of conduit. DeVeera to provide spec for type of JB needed. Penetrate office building at north side corner above floor level and install JB on exterior of building. Trench from building to access road. Install 4x4x12 DFPT post. Install conduit in trench and run from office to (N) post. Extend conduit up post and terminate in JB at the top of the post. Install 2 pull strings from post to office. Cameras to be installed by others.

Harris Court Office

Camera (7)

Interior (Front Door, Customer Service, Hallway); Exterior (Four sides of building)

Network Switch

NVR (Camera Recorders)

Labor – Technical Engineering, Networking

Labor – Camera installation and Configuration

DeVeera to provide and install all cable drops to install all seven cameras.

General

Project Management – Site Review, Overseeing technical installation and construction (YSS Builders). Programming the camera servers to link all 3 facilities.

DeVeera Inc.
Quote



We make IT easy.™

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Quantity	Description	Unit Price	Ext. Price
3.00	16 CH Hikvision NVR Plug & Play with up to 16 independent PoE network 3 YR Warranty	\$583.47	\$1,750.41
1.00	HikCentral/Bundel/32 Channel Software	\$498.70	\$498.70
1.00	Hikvision Central Camera Base Server	\$3,147.75	\$3,147.75
3.00	Hikvision Ds-2de3304w-De Network Camera 4X Zoom	\$479.04	\$1,437.12
10.00	ColorVu Fixed Network Camera with Built-In Mic	\$295.99	\$2,959.90
1.00	Cable and Hardware	\$369.00	\$369.00
8.00	Setup of 16 port NVR	\$125.00	\$1,000.00
45.00	Mounting and Setup of 13 Cameras	\$125.00	\$5,625.00
10.00	Single Wire Drop	\$150.00	\$1,500.00
25.00	Project Management - Trenching & Cabling	\$150.00	\$3,750.00
30.00	Project Management - Technology	\$150.00	\$4,500.00
2.00	Wall Mount Rack	\$399.00	\$798.00
1.00	10 Port power strip w/10' cable	\$36.99	\$36.99
2.00	Wall Mount Rack Media Shelf	\$70.00	\$140.00
1.00	TRENDnet TC-P24C5E 24-port Cat5/5e Unshielded Patch Panel	\$55.00	\$55.00
1.00	mimosa-networks-b5c-5ghz-1-gbps-ptp-backhaul-n-type-conn	\$775.06	\$775.06
15.00	Estimated Hours to Complete Install - Sleepy Hollow Network Discovery & Configuration *Please note this is only an estimation - actual hours may differ but you will be kept informed.	\$145.00	\$2,175.00
24.00	Hikvision Server Set up Estimated Hours to Complete Install *Please note this is only an estimation - actual hours may differ but you will be kept informed.	\$145.00	\$3,480.00
		Subtotal:	\$33,997.93
		Tax:	\$1,107.03
		Total:	\$35,104.96

Signature: _____

Date: _____



Monterey Peninsula Water Management District
Construction Labor Quote Camera Project
January 18th, 2022

Overview

Construction to be done by Dave Rodrock related to two locations (Sleepy Hollow Facility, Gen Jim Moore Facility) to facilitate installation of Camera System for DeVeera Technology

Total cost for YSS Builders materials and labor not to exceed \$10,300

Gen Jim Moore ASR Facility

Mount antenna for point to point to onsite MSR & electrical buildings unto roof to obtain network service to between the two buildings.

- Cameras (3) – Mount Conduit and pull CAT6 wire to location inside ASR Building
- P2P network back to existing Internet at Electrical Building – Antenna on ASR building & Antenna at Electrical
- Network Switch- Mount Shelf net power outlet

Construction

ASR Building - Penetrate roof access hatch and bring low voltage cable into analyzer room. Penetrate interior wall and set up shelf on west side of wall. Provide electrical (110V) service. Run low voltage line to exterior of east side of analyzer room. Penetrate perimeter wall and install JB on northeast corner. Camera, installed by others to face electrical building. Mount conduit alongside east face of treatment building. Terminate in JB on southeast corner of building. Cameras to be installed by others, to face south and east. Install 2 pull cables from southeast JB to building interior.

Electrical Building - Mount antenna for point to point to onsite electrical building roof, penetrate roof and bring cat6 cable into electrical room for connection.

Materials and labor to not exceed \$6,800

DAVE RODROCK

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Office 831.384-6400 Cell 831.761-6181

Sleepy Hollow Facility

Install mounting pole, trenching, conduit

- Cameras (3) – 1 on office facing Water Processing, 2 on new pole to be placed under tree next to road on North side of the Office, 1 facing West toward Water Processing and 1 facing East entrance gate

Construction

Install conduit from exterior to interior above entrance door. Mount JB at end of conduit run so camera can be installed by others to face RAS building. Install pull string from JB to end of conduit. DeVeera to provide spec for type of JB needed.

Penetrate office building at north side corner above floor level and install JB on exterior of building. Trench from building to access road. Install 4x4x12 DFPT post. Install conduit in trench and run from office to (N) post. Extend conduit up post and terminate in JB at the top of the post. Install 2 pull strings from post to office. Cameras to be installed by others.

Materials and labor to not exceed \$3,500

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