



IP Video Surveillance

Design and Recommendations

for

Saratoga Recreation Center



Account: Bryan Bonn

Last Updated: Apr 21, 2014

Created On: Jul 15, 2013

Apr 21, '14

Saratoga Recreation Center Hybrid (IP & Analog) Camera System

	Qty	Price	Ext Price
Server and Storage [PT63201]			
Dell PowerEdge R520 - Recording Server - Xeon E3-24xx, 8 GB RAM, (3) 3TB SAS HDD at RAID 5 (6TB usable), Win Server 2008, 3 yr. warranty	1	\$ 7,117.20	\$ 7,117.20
Milestone Software [PT65344]			
Milestone XPEXBL Base License	1	\$ 187.06	\$ 187.06
Milestone XPEXCL Camera License	23	\$ 93.06	\$ 2,140.38
Milestone YXPEXBL Base (1yr. Software Upgrade Plan)	1	\$ 33.84	\$ 33.84
Milestone YXPEXCL Camera (1yr. Software Upgrade Plan)	23	\$ 16.92	\$ 389.16
Encoding Hardware to IP [PT65344]			
AXIS P7210 Video Encoder	1	\$ 2,199.12	\$ 2,199.12
PoE Network Switch [PT65344]			
Allied Telesis AT-8000S/24POE-10	1	\$ 964.92	\$ 964.92
Allied Telesis AT-GS950/10PS	1	\$ 391.00	\$ 391.00
Cameras [PT65344]			
MX-Q25M-Sec-D12	2	\$ 898.20	\$ 1,796.40
AXIS M3006-V	4	\$ 439.12	\$ 1,756.48
AXIS M3005-V	2	\$ 333.52	\$ 667.04
Axis P3346-VE	2	\$ 1,019.92	\$ 2,039.84
Bosch VLR-4075-V521 (LPR)	1	\$ 711.00	\$ 711.00
Cameras Accessories [PT65344]			
MX-OPT-AP-10DEG	2	\$ 133.20	\$ 266.40
Cabling Hardware and Equipment [PT65344 Ancillary Items]			
Cat5e Cable in 1000' Rolls (PURPLE)	1.5	\$ 250.00	\$ 375.00
Conduit/Wiremold (if needed)	1	\$ 75.00	\$ 75.00
Keystone Jacks	20	\$ 7.60	\$ 152.00
RJ45 Termination Box	10	\$ 3.25	\$ 32.50
Belden Cat5e Patch Panel - Loaded p/n 371648	1	\$ 93.50	\$ 93.50
Patch Cables (PURPLE)	25	\$ 4.06	\$ 101.50
NVT NV-226J-PV Video Baluns	2	\$ 64.00	\$ 128.00
Cabling Materials - RJ-45 connectors	1	\$ 20.00	\$ 20.00
Misl Mounting hardware and/or mounts (If needed)	1	\$ 200.00	\$ 200.00
DSS Install Labor (Hourly Prevailing Wage Rates Apply) [PT65344]			
Indoor Camera Cabling	14	\$ 100.00	\$ 1,400.00
Outdoor Camera Cabling	12	\$ 100.00	\$ 1,200.00
Cable Terminations and Testing	1	\$ 100.00	\$ 100.00
Existing Camera Removals	1	\$ 100.00	\$ 100.00
Indoor Camera Installation	10	\$ 100.00	\$ 1,000.00
Outdoor Camera Installation	8	\$ 100.00	\$ 800.00
Server Rack and Stack	1	\$ 100.00	\$ 100.00
Camera Addressing and Adding to Milestone	2	\$ 80.00	\$ 160.00
Server Configuration	6	\$ 80.00	\$ 480.00



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**Saratoga Recreation Center
Hybrid (IP & Analog) Camera System**

	Qty	Price	Ext Price
Software Installation & Configuration (Client/Mobile)	2	\$ 80.00	\$ 160.00
Software Testing and Tuning	4	\$ 80.00	\$ 320.00
IT Rack Clean Up	3	\$ 100.00	\$ 300.00
Project Meetings and Management	5	\$ 80.00	\$ 400.00
Administrator/End User Training & Documentation	3	\$ 80.00	\$ 240.00
DSS Other Costs [PT65344 Ancillary Items]			
Lift Rental (Pass Through Cost)	1	\$ 450.00	\$ 450.00
Hotel and Travel Expenses/Per Diem	1	\$ 1,200.00	\$ 1,200.00
Total Product and Labor from DSS			\$ 30,247.34

Special Project Notes:

Saratoga Rec Ctr will provide 110v power at recording server in rack

Saratoga Rec Ctr will provide UPS for recording server

DSS will use existing camera locations for new camera installation points

Saratoga Rec Ctr will use existing flat panel monitor or KVM to view recording server

Saratoga Rec Ctr will provide man-lift for cabling and high mounted camera locations

Or DSS will charge man-lift rental as pass-thru cost to Saratoga Rec Ctr

DSS will provide a 90 day workmanship warranty for this project

Manufacturers' warranties apply for all products

DSS can provide a quote for a Support Plan for this system

Please inquire about Support Plan packages to suit Saratoga Rec Ctr

Labor provided without DSS Support Plan is at T&M rate plus truck roll fee



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**Saratoga Recreation Center
Hybrid (IP & Analog) Camera System**

OGS Contract Breakdown	Qty	Price	Ext Price
Server and Storage [Dell PT64100]			
Dell R520 Recording Server	1	\$ 7,117.20	\$ 7,117.20
Dell OGS PT64100 - Total			\$ 7,117.20
Milestone Software [PT65344]			
Milestone Server and Camera Licensing	1	\$ 2,750.44	\$ 2,750.44
Encoding Hardware to IP [PT65344]			
Video Encoder	1	\$ 2,199.12	\$ 2,199.12
PoE Network Switch [PT65344]			
Newtork Switch Equipment	1	\$ 964.92	\$ 964.92
Cameras [PT65344]			
All Cameras	1	\$ 6,970.76	\$ 6,970.76
Cameras Accessories [PT65344]			
Camera Accessories	1	\$ 266.40	\$ 266.40
DSS Install Labor (Hourly Prevailing Wage Rates Apply) [PT65344]			
Installation Labor, Cabling & Configuration	1	\$ 6,760.00	\$ 6,760.00
DSS OGS PT65344 - Total			\$ 20,302.64
Cabling Hardware and Equipment [PT65344 Ancillary Items]			
Cat5e Cable in 1000' Rolls (PURPLE)	1.5	\$ 250.00	\$ 375.00
Conduit/Wiremold (if needed)	1	\$ 75.00	\$ 75.00
Keystone Jacks	20	\$ 7.60	\$ 152.00
RJ45 Termination Box	10	\$ 3.25	\$ 32.50
Belden Cat5e Patch Panel - Loaded p/n 371648	1	\$ 93.50	\$ 93.50
Patch Cables (PURPLE)	25	\$ 4.06	\$ 101.50
NVT NV-226J-PV Video Baluns	2	\$ 64.00	\$ 128.00
Cabling Materials - RJ-45 connectors	1	\$ 20.00	\$ 20.00
Misl Mounting hardware and/or mounts (If needed)	1	\$ 200.00	\$ 200.00
DSS Other Costs [PT65344 Ancillary Items]			
Lift Rental (Pass Through Cost)	1	\$ 450.00	\$ 450.00
Hotel and Travel Expenses/Per Diem	1	\$ 1,200.00	\$ 1,200.00
DSS OGS PT65344 [Ancillary Items] - Total			\$ 2,827.50
Total Product and Labor from DSS			\$ 30,247.34