



Proposal: 16954-1-0

CoSM-Activity Center Security v3

Prepared for:

Denise Pfeil

City of San Marcos

501 E Hopkins St

San Marcos TX, 78666

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Proposal Issued:
3/7/2022

Proposal Valid To:
4/16/2022

Prepared by:

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DESCRIPTION

CLIENT INFORMATION

Name: City of San Marcos

Site

501 E Hopkins St
San Marcos, TX 78666

Billing

630 E Hopkins St
San Marcos, TX 78666

Contact

Denise Pfeil
P
E dpfeil@sanmarcostx.gov

PROJECT NAME: CoSM-Activity Center Security v3

PROJECT SCOPE OF WORK

DIR-CPO-4494

Knight Security Systems (KSS) will provide and install an upgraded Milestone XProtect Professional Plus video management system and 40 new cameras at the City of San Marcos' Activity Center. System installation includes hardware, system licenses, and configuration unless otherwise stated.

Video Surveillance System

KSS will furnish and install the following:

- One BCDVideo Recording Server
 - One Xeon Silver 4210R processor with 16GB of RAM
 - Two 240GB M.2 SSD BOSS drives
 - Six 12TB SATA recording drives
 - 72TB of raw storage
 - 44.6TB of usable storage in a RAID 6 configuration
 - One 1.6TB BVA Accelerator card
 - Four 1GbE RJ45 NICs
 - Two 1100W power supplies
 - Windows Server 2019 Standard Embedded
 - This server comes with BCDVideo's 5 year, next business day, keep your hard drives warranty.
- Two 24 port Transition Networks PoE+ switches
 - The two switches will be connected directly to each other via multi-mode fiber
- Two 24 port patch panels
- One 3000VA UPS for the server
 - With network card
- One network rack
 - For the Main Entry IDF
- One 1500VA UPS for the second switch
 - With network card
- Five Hanwha PNM-9085RQZ 20MP 270 degree multi-imager cameras
 - All five will be exterior
 - With pendant, wall mount arm, back box, and corner mount
- Five Hanwha PNM-9031RV 15MP 180 degree multi imager cameras
 - One exterior
 - Parking lot overview
 - Four interior
 - Two in the pool area
 - Two in the Gym
 - With pendant, wall mount arm, and back box
- Two Hanwha PNM-9000VD 10MP 180 degree multi-imagers

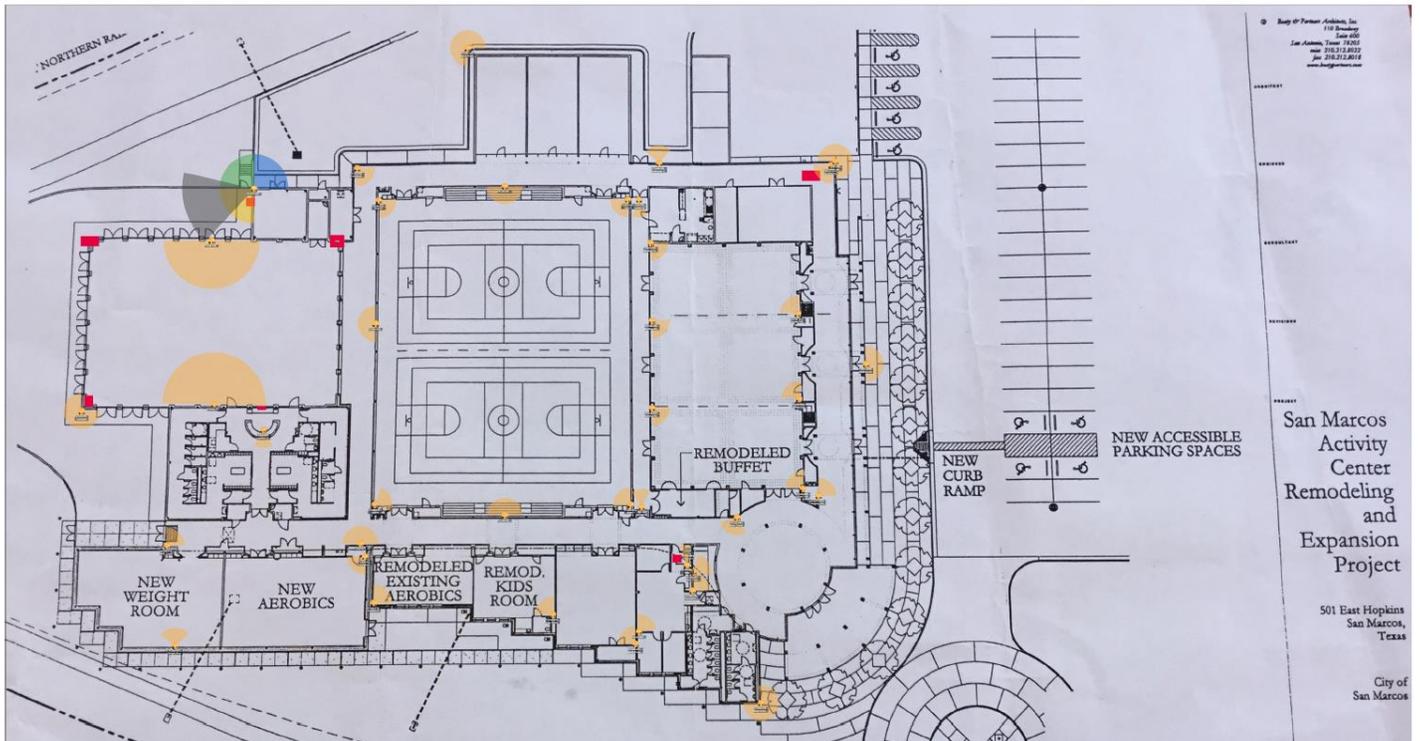
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- Both will be interior
- To be wall mounted
- Twenty two Hanwha QND-8080R 5MP dome cameras
 - All twenty two cameras will be interior
 - With recessed camera mount
- One Hanwha QND-7082R 4MP fixed dome camera
 - Will be interior at the front desk area
 - Will record audio with a built-in microphone
 - With recessed mount
- Five Hanwha QNV-8080R 5MP dome cameras
 - Exterior and impact rated
 - To be mounted in the Gym
 - Will pendant, wall mount arm, and back box
- **KSS will remove six interior cameras, one exterior camera, and one camera power supply.**
- Initial programming will include:
 - Enrolling the cameras and setting up basic motion detection
 - One administrative account
 - One view only account
 - Estimated days of storage 30
 - 5MP-20MP at H.265 and 10FPS
 - Calculations are based on 40% motion detection or event recording
 - Configuration of one customer provided workstation

The NVR storage capacity is an approximate estimate based on general conditions that KSS does not guarantee. Each device will include the necessary mounting hardware, license and one year manufacturer software license support.

Survey Overview



Customer Provided Items

- Electronic drawing files of the plans and approval of device layout
- Individual software administrator logins for personnel at each location for each system

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- Existing Management server with VMS
- Existing client workstations that meet the system minimal requirements
- Existing Rack space in the MDF room for rack mount units
- Network configurations for connection of devices to Customer's network
- 120VAC by a certified electrician for all security devices where needed

Finance

Purchaser hereby agrees to pay KSS the following terms:

The Customer is required to pay every invoice in full within 30 days of receiving the invoice.

Project Milestones and Invoicing Procedures

- ~~An initial investment of 50% of the total project for mobilization is due and payable within 15 days of authorizing Knight's Customer Service Agreement (CSA)~~
- The remaining balance is due and payable in progress payments based upon ~~material delivered or work completed~~

Refer to the Standard Terms and Conditions sections 8H, 8I, and 8J.

Any changes from the base price will be adjusted with approved change orders from the Customer. The as-built plans will be submitted along with the final submittal package to the Customer.

Engineering

KSS shall provide system design and operational documentation to ensure proper installation and efficient servicing of the system. KSS will provide submittal plans that will show where each device is located at each site. The submittal plans will also include a system matrix, which includes the schedule of each device and the programming setup into the security system software.

Cabling & Wiring

KSS will be responsible to install all the wiring and connections providing communication and/or control between KSS supplied devices and central control equipment. All wires will be dressed in a neat and professional manner.

KSS will not provide any conduit or trenching required to reach each device. It is the Customer's responsibility to provide a pathway for all wiring required for each device. KSS is not responsible for any existing wiring being used. A quote will be provided to the Customer for any wiring that is found to be unusable

Field Devices

KSS will provide all necessary devices and hardware included on the equipment list attached. The devices on the security plans will be installed and programmed into the system according to the system matrix.

KSS is not responsible for any existing devices being reused. If any existing devices are found to be unusable then a quote will be provided to the Customer to replace the device. KSS is not responsible for any damages done from the existing devices being removed. The Customer is responsible to patch and repair any damages done from existing devices removed.

Programming

KSS trained personnel will program the security system to provide a functioning operational system. KSS will support Customer programming personnel and set up remote field panels consistent with manufacturer standards. KSS will program each device according to the system matrix provided in the security plans. If any additional programming or special programming outside the system matrix is needed an approved change order from the Customer is required.

Customer to furnish IP addressing scheme for all devices requiring an IP address on the network. KSS will provide a list of devices that need IP addresses to the Customer.

Rental Equipment - Lift rental is not included in this proposal and shall be provided by the Customer if required.

Testing

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KSS will perform acceptance testing in the presence of the appointed Customer representative to ensure proper operation and communication of all integrated systems. A test sheet with a check list for each device will be provided by KSS and signed by the Customer representative upon successful completion of a system acceptance test. The final system test report will be sent to all parties.

A punch list detailing items requiring a follow up that is within this scope of work will be created. KSS will correct the punch list items in a mutually agreed upon time. If the Customer wants something changed after the test sheet has been signed additional charges will be applied.

Upon system acceptance, a KSS job completion form shall be signed and sent to all parties. It is the Customer's responsibility to ensure proper periodic testing per the manufacturer's recommendation if a signed SecurePlan agreement is not in place.

Training - Training is not included with this proposal. If the customer requests, training can be added as a change order

Standard Proposal Notes:

1. This proposal will follow the guidelines stated in DIR contract number DIR-CPO-4494 Standard Terms and Conditions.
2. This proposal is valid for 15 days. After the 15 days the quote is no longer valid and a new quote needs to be regenerated and prices may vary.
3. A standard 1 year warranty applies on all newly installed equipment.
4. Please allow 6-8 weeks lead time for hardware.
5. Final Location of all equipment to be approved by owner prior to start of installation.
6. Work provided by KSS is assumed to be continuous, unhindered and without the need for escorts. Additional costs will be incurred if work is slowed by denial or delay of access to the work areas without three days' notice, or if escorts are required at any time. Any cessation of work by the customer or delays in the project construction schedule will result in additional mobilization and project management charges.
7. The quantities of materials noted above scope of work are intended to be descriptive. Should there be any discrepancy between the scope of work and the equipment list, the equipment list will supersede the scope of work stated above.
8. All work will be done following federal, state, and local laws and requirements for the above scope of work.
9. Due to extreme supply chain issues, Knight Security reserves the right to adjust final proposal pricing until an order is placed with our manufacturer partners. We will inform you within 5 business days of receipt of order about product availability and price increases greater than Knight can absorb.

Knight Security Systems Excludes the Following:

1. All 120 VAC connections are to be performed by customer or customer's designated licensed Electrical contractor.
2. Fire alarm interface, cabling, connection, input/output, testing and certification.
3. Any city or other governmental permits, not associated with this scope of work, required for the use and operation of the system.
4. Access to device location, penetrations, required access panels for concealed areas.
5. If not stated above wire mold, conduit, trenching, wireless devices or aerial cabling necessary to connect any remote locations or gates, computer workstations to operate the system, and network equipment to provided power and data communication for devices.
6. Overtime required due to schedule revisions, work stoppages, delays caused by others, or circumstances beyond Knight Security Systems control.
7. Final terminations and connections to equipment other than provided by Knight Security Systems.
8. Any trade installation that Knight Security Systems is not licensed to perform.
9. Painting, patching or landscaping required as a result of the installation of equipment associated with this scope of work.
10. Technical assistance or the setup of the customer's network for connection to the security control systems. The customer is required to provide static IP addresses and support personnel for assistance in setting up the network connections.

Roles & Responsibilities

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Essential activities conducted in the course of project by the Customer and Knight Security Systems (KSS).

Project Administration Tasks	Customer	KSS
General project management & administration		X
Designate primary customer point of contact and site supervisor		X
Host initial site orientation and kick-off meeting	X	
Pre-installation walk-through and design verification	X	
Pre-construction utility assessment	X	
System design and engineering		X
System design and engineering approval	X	
Develop master project schedule		X
Approval of master project schedule	X	
System design acceptance within overall master plan of larger facility	X	
Provide lists of existing equipment and building drawing backgrounds	X	
Develop and maintain drawings and equipment schedules		X
Provide written communication regarding work site conditions	X	
Coordinate monthly in-progress reviews for active sites		X
Change order management		X

Project Installation Tasks	Customer	KSS
Provide locations for materials staging	X	
Materials pre-installation configuration and delivery		X
Pre-installation testing of existing equipment		X
Installation of device power supplies		X
120VAC at each device location where needed	X	
Building penetrations to exterior		X
Fire partition penetrations and sealing		X
Installation of conduit to security system devices where needed		X
Installation of cables to security system devices		X
Network cables from security system devices to copper patch panels		X
Patch cables between patch panels and network switches		X
Create panel, cable, and equipment labeling scheme	X	
Install cable labels per labeling scheme		X

Network Tasks	Customer	KSS
Rack and rack space for rack mount equipment	X	
Network PoE switches and configuration		X
Patch panels and uninterruptable power supply		X
IP address assignment for security system equipment and workstations	X	
Configure client workstations to the security system		X

Programming Tasks	Customer	KSS
Create custom security system programming matrix		X
Program initial security system configuration		X
Develop and implement database update procedure	X	

Testing and Acceptance Tasks	Customer	KSS
System test forms and checklists		X
Full system test		X
Customer on-site system acceptance	X	
As-built drawings and final engineering document submittal		X

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PROJECT INVESTMENT

Video Surveillance System			
QTY	Description	Unit Price	Ext.Price
5	Can be used with PNM-9084RQZ/9085RQZ. Mount screw	\$40.05	\$200.25
5	5MP x 4ch multi-directional camera, Motorized PTRZ	\$2,029.11	\$10,145.55
5	Wall Mount Accessory, 2x knock out built-in, compa	\$114.80	\$574.00
5	Corner Mount Base	\$42.18	\$210.90
5	Installation Back box compatible with (SBP-300WMW,	\$160.19	\$800.95
22	Wisenet Q network indoor dome camera, 5MP @ 30fps,	\$328.39	\$7,224.58
5	Wisenet Q network outdoor vandal dome camera, 5MP	\$363.10	\$1,815.50
5	Small cap adapter (aluminum) accessory, (QNV-8080R	\$26.16	\$130.80
10	Wall Mount Accessory (white), Compatible with whit	\$42.18	\$421.80
10	Wall Mount Base, Works with Mounts SBP-300WMW1, wh	\$47.52	\$475.20
5	15MP Panoramic Camera	\$1,441.73	\$7,208.65
11	23-4P UNS SOL CMP C6 Ylw Jkt	\$361.49	\$3,976.39
5	Cap adapter for the PNM-9084QZ, PNM-8082VT, PNM-90	\$40.05	\$200.25
2	NK Modular Patch Panel, Flat, 24 Port, 1 RU	\$34.17	\$68.34
46	Mini-Com Module, Category 6, UTP, 8-Position 8-Wir	\$14.86	\$683.56
2	Network vandal outdoor Multi-sensor Multi-Directio	\$587.37	\$1,174.74
4	1/1.8" 5MP CMOS with a 3.7mm fixed focal lens, FoV	\$133.49	\$533.96
40	XProtect Professional + Device License (DL)-20	\$122.60	\$4,904.00
23	In-ceiling flush mount accessory for indoor dome:	\$42.18	\$970.14
1	Rack/Tower/Wall, UPS With SNMP Card	\$1,250.00	\$1,250.00
1	LINE INTERACTIVE UPS RACK/TOWER/OPTIONAL WALLMOUNT	\$1,810.00	\$1,810.00
2	12-Channel,1U, Rackmount PoE Surge Protector with RJ45 Connections	\$710.00	\$1,420.00
46	Cat6 Cat5e Gigabit Molded Patch Cable RJ45 M/M 550	\$2.54	\$116.84
2	Smart Managed PoE+ Switch With (24) 10/100/1000BASE-T Ports And (2) 100/1000 SFP Slots	\$795.00	\$1,590.00
1	DIR- Project Install Kit	\$3,082.95	\$3,082.95
1	(1) Xeon Silver 4210R - 16GB (2x8GB) (2) 240GB M.2 SSD BOSS Card (6) 12TB SATA HDD (1) 1.6TB BVA Accelerator Card (4) 1GbE RJ45 (2) 1100W PSU Windows Server 2019 STD Embedded 5YR NBD KYHD Warranty	\$11,148.67	\$11,148.67
1	IDRAC ENTERPRISE FOR 14G SERVERS	\$276.38	\$276.38
40	1 Year Care Plus for XProtect Professional+ DL-20	\$22.49	\$899.60
2	Duplex Gigabit Ethernet SFP, 1000Base-SX 850nm multimode (LC) [62.5/125 Um: 220 m/722 ft.] [50/125 Um: 550 m/1804 ft.]	\$58.30	\$116.60
1	Tripp Lite 61M Duplex Multimode Fiber 62.5/125 Pat	\$227.20	\$227.20
1	Wisenet Q Network Indoor Dome Camera, 4MP @30fps, Motorized Vari-focal Lens 3.1x (3.2 10.0mm) (10933.2)	\$430.00	\$430.00
1	StarTech.com 6U 22in Depth Hinged Open Frame Wallmount Server Rack	\$314.99	\$314.99
Equipment Subtotal		\$64,402.79	
Labor Subtotal		\$40,668.03	
Video Surveillance System SubTotal		\$105,070.82	

SecurePlan Option Accept: _____ Decline: _____

Annual Recurring:

Description	Ext.Price
Secure Plan Premium Service Level Agreement	\$10,837.44

Annual Recurring Subtotal \$10,837.44

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Investment Summary

Total Equipment	\$64,402.79
Total Labor	\$40,668.03
Total Proposal Amount	\$105,070.82

Note: Sales tax, if applicable, is not included on this proposal and will be added to the total upon invoicing.

Investment Total

Knight Security Systems will provide the proposed system as described in this proposal for the sum of: **\$105,070.82**
Annual Recurring **\$10,837.44**

The price above includes: material, equipment and labor as described within this proposal.

Proposal Acceptance:

I have read the **General Terms and Conditions** of the sale, understand them fully, and agree to abide by them. I have also read and understand the payment terms as set forth in the **Customers Responsibilities** section of the agreement as well as the **Schedule of Equipment** as listed.

I hereby certify that I am authorized by my company to sign this agreement. Knight Security Systems is hereby authorized to perform the work as specified.

KNIGHT SECURITY SYSTEMS

City of San Marcos

By: _____
 Signature

 Sales Rep

 Title

 Kevin Garlick

 Print Name

By: _____
 Signature

 Title

 Print Name

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TERMS & CONDITIONS

SEE PURCHASING CONTRACT

DIR-CPO-4494

FOR TERMS AND CONDITIONS.

Web Access:

<https://dir.texas.gov/contracts/dir-cpo-4494>

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