



Security Solution Proposal

Proposal #: 20040

Date: April 13, 2017

Prepared for

Richard Semple
Williamson County Justice Center
405 Martin Luther King Blvd
Georgetown, TX 78626

Phone: (512) 943-1489

Prepared by

Kevin Garlick
Knight Security Systems, LLC
4509 Freidrich Lane., Ste. 110
Austin, TX 78744
Phone: 512-892-8801
Fax: 512-891-0283

Scope of Work

DIR-TSO-3430

Knight Security Systems (KSS) will provide and install one hundred and three HD surveillance cameras. System installation includes hardware, system licenses, programming, and configuration unless otherwise stated.

Video Surveillance System

KSS will furnish and install the following:

- Ninety-nine Genetec camera licenses
- Twelve exterior cameras with mounts
- Eighty-nine interior cameras
- Initial programming will include:
 - Camera enrollment
 - 1080p at H.264 and 7 FPS
 - Motion detection zones

Each device will include the necessary mounting hardware, license and one year manufacturer software license support.

Customer Provided Items

- Electronic drawing files of the plans and approval of device layout
- Individual logins for every person at each location for each system
- PoE switches and patch panels
- Existing recording server with storage space to accommodate the new devices
- Existing client workstations that meet the system minimal requirements
- Rack space and uninterruptible power supply 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
- Exterior and fire partition penetrations where needed
- Installation of conduit with a pull string to 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 is subject to progress billing based upon the following milestones:

- Upfront Project Engineering - 20%
- Equipment Delivery - 50%
- Installation of Cable - 10%
- Device Installation - 10%
- System Configuration - 5%
- Final Acceptance - 5%

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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. The system matrix will have 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 matter.

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. If any existing wiring is found to be unusable then a quote will be provided to the Customer to replace the wire.

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 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 then 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

KSS will not provide all rental equipment (Lift) if necessary for the project.

Testing

KSS will perform acceptance testing to ensure proper operation and communication of all integrated systems. The security system will be witnessed in the presence of the appointed Customer representative. A test sheet with a check list will be printed for each device. Once the device is tested and approved by the Customer representative the test sheet will be signed and documentation 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

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been signed then additional charges will be applied.

After successful testing, signatures of KSS job completion form will be required and documented to all parties. It is the Customer's responsibility to ensure proper periodic testing per the manufacturers' recommendation.

Standard Proposal Notes:

- 1) This proposal will follow the guidelines stated in DIR contract Standard Terms and Conditions.
- 2) This proposal is valid for 60 days. After the 60 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. A system health monitoring will be included with the 1 year warranty if consent form is signed and returned.
- 4) Final Location of all equipment to be approved by owner prior to start of installation.
- 5) 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.
- 6) All work will be done following federal, state, and local laws and requirements for the above scope of work.

Knight Security Systems Excludes the Following:

- 7) All 120 VAC connections are to be performed by customer or customer's designated licensed Electrical contractor.
- 8) Fire alarm interface, cabling, connection, input/output, testing and certification.
- 9) Any city or other governmental permits, not associated with this scope of work, required for the use and operation of the system.
- 10) Access to device location, penetrations, required access panels for concealed areas.
- 11) 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.
- 12) Overtime required due to schedule revisions, work stoppages, delays caused by others, or circumstances beyond Knight Security Systems control.
- 13) Final terminations and connections to equipment other than provided by Knight Security Systems.
- 14) Any trade installation that Knight Security Systems is not licensed to perform.
- 15) Painting, patching or landscaping required as a result of the installation of equipment associated with this scope of work.
- 16) 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

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

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Project Administration Tasks	Customer	KSS	GC
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	GC
Provide locations for materials staging	X		
Materials pre-installation configuration and delivery		X	
Pre-installation testing of existing equipment		X	
Installation of electric locking hardware		X	
Installation of electric locking mechanism power supplies		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	GC
Rack and rack space for rack mount equipment	X		
Network PoE switches and configuration	X		
Patch panels and uninterruptible power supply	X		
IP address assignment for security system equipment and workstations	X		
Configure client workstations to the security system		X	

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Programming Tasks	Customer	KSS	GC
Create custom security system programming matrix		X	
Program initial security system configuration		X	
Import initial cardholder database from Owner provided information	N/A		
Develop and implement database update procedure	X		

Testing and Acceptance Tasks	Customer	KSS	GC
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	

Equipment

Item Description	Item Nbr	Qty	Price/Unit	Ext. Price
PROJECT INSTALLATION KIT	KSS-PROJKIT	1.00	\$1,687.50	\$1,687.50
Cat6 Gigabit Yellow Snagless Patch Cable RJ45 - 7'	DIR N201-007-YW	106.00	\$5.44	\$576.64
1 camera connection	DIR Om-P-1C	99.00	\$165.69	\$16,403.31
Day/night fixed dome with support for OptimizedIR with built-in adaptable IR illuminators, an	DIR AXS-P3225LVEMKI	26.00	\$549.27	\$14,281.02
1080p, 10 meter IR illumination, Zipstream, Lightfinder, WDR - Forensic Capture, Bullet P1	DIR AXIS-P1405-LE Mk	9.00	\$470.69	\$4,236.21
Flexible multisensor fixed camera with four 1080p sensors. The lenses can be adjusted to p	DIR AXS-P3707PE	3.00	\$942.17	\$2,826.51
Ultra-compact, indoor fixed mini dome with dust- and vandal-resistant casing for easy moun	DIR AXIS M3046-V	53.00	\$289.96	\$15,367.88
Powder coated aluminum wall mount with 1.5" NPS thread for fixed dome pendant kits. 3/4"	DIR AXS-T91D61WallMc	3.00	\$66.01	\$198.03
Vandal-resistant, stainless steel, IR LED, Lightfinder, water-resistant, clean with a water hos	DIR AXS-Q8414LVSWH	10.00	\$1,020.75	\$10,207.50
AXIS T94M02D comprises a weather shield and a mounting adapter for AXIS P3707-PE Ne	DIR AXS-T94M02DPENI	3.00	\$77.79	\$233.37
Licensing Discount	Licensing Discount	99.00	(\$20.00)	(\$1,980.00)

Equipment Total \$64,037.97

Services

Service Description	Ext. Price
DIR-SYSTech	\$14,275.80
DIR-SYSDESIGN	\$3,445.20
DIR-PROJECTMGR	\$11,404.80
DIR-INSTALL	\$16,140.60
DIR-INSTALLCABLE	\$33,489.00
DIR Project Discount	(\$8,580.00)

Services Total \$70,175.40

Other Charges

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Travel:	\$0.00
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Freight:	\$0.00
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Misc:	\$0.00
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Approved by: _____

Subtotal: \$134,213.37

Discount: \$0.00

Sales Tax: \$0.00

Approval date: _____

***Please review Scope of Work closely. All verbal representations disclaimed.
System quote valid for 60 Days. Terms of Master System Agreement apply.***

Total: \$134,213.37

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