



Proposal: 20354-3-0

City of New Braunfels - Police Department Headquarters v2

Prepared for:

Debbie Kimball

City of New Braunfels

3030 W. San Antonio Street

New Braunfels TX, 78130

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Proposal Issued:
8/31/2021

Proposal Valid To:
9/30/2021

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DESCRIPTION

CLIENT INFORMATION

Name: City of New Braunfels**Site**3030 W. San Antonio Street
New Braunfels, TX 78130**Billing**550 Landa St
New Braunfels, TX 78130**Contact**Debbie Kimball, Contract Administrator
P (830) 221-4081
E DKimball@nbtexas.org**PROJECT NAME:** City of New Braunfels - Police Department Headquarters v2

PROJECT SCOPE OF WORK

DIR-CPO-4494

Knight Security Systems (KSS) will provide and install Open Options Access Control and Milestone XProtect Video Surveillance for the City of New Braunfels's Police Department. System installation includes hardware, system licenses, and configuration unless otherwise stated.

Division 8 to provide and install locking hardware, transfer hinges and high in-rush power supplies**Network cable runs for network devices and back boxes for cameras, readers and other field devices provided by others*****Conduit runs and 120V provided by others*****All systems designed to integrate with DNA Fusion**

Access Control System

KSS will furnish and install the following:

Main Building 1st Floor

- Two 16 door LifeSafety power supplies (IDF 1706 and IDF 1201)
- One 24 door LifeSafety power supply (IDF 1504)
- One LP1502 access control module (the 3 panels will be connected via RS-485 for 1st floor global lock down capability)
- Twenty-three MR52 expansion modules
- Three MR16 input modules (1 per panel)
- Forty-one card readers
- Sixty recessed door position sensors
- Three overhead door contacts
- One IP video door station
- One IP relay adaptor
- One LCD keypad programmed through Open Options to arm and disarm siren and strobes to be installed in monitored areas/offices
- Two strobes
- One Siren
- Two duress buttons

Main Building 2nd Floor

- Two 8 door LifeSafety power supplies (IDF 2004 and IDF 2015)
- One LP1502 access control module in IDF 2015 (2nd floor panels connected via RS-485)
- Six MR52 expansion modules (2 in IDF 2015 and 4 in IDF 2004)
- Thirteen card readers
- Thirteen door position sensors

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- One IP video master station with integral door release (Dispatch)
- One client workstation (Dispatch)
- Two Dell 42.5" 4K monitors with wall mounts (Dispatch)
- One badge printer (Admin Assistant)

Main Building Exterior

- Two vehicle gate will receive the following:
 - One dual headed pedestal (84" and 42") with housings
 - Two card readers
 - One industrial track mount position sensor
 - One trigger to gate opener with conduit run from pedestal or associated IDF

Annex Building Interior

- One 16 door LifeSafety power supply (IDF A124)
- One LP1502 access control module
- Three MR52 expansion modules
- Two MR16 input modules
- Eight card readers
- Twenty recessed door position sensors
- Eleven overhead door position sensors
- One LCD keypad programmed through Open Options to arm and disarm siren and strobes to be installed in monitored areas/offices

Annex Building Exterior

- One vehicle gate will receive the following:
 - One 42" pedestal with housing
 - One card reader
 - One industrial track mount position sensor
 - One trigger to gate opener with conduit run from pedestal or associated IDF
- One vehicle gates will receive the following
 - One dual headed pedestal (84" and 42") with housings
 - Two card readers
 - One industrial track mount position sensor
 - One trigger to gate opener with conduit run from pedestal or associated IDF
- Initial programming will include:
 - Door enrollment into one main access level and time schedule
 - Customer will be responsible for creating additional access levels and schedules
 - Two system user levels
 - Operator
 - Administrator
 - Three time schedules
 - May be assigned to cardholders, doors, or automation outputs
 - One access level
 - Associates available doors and times allowed to cardholders
 - Seven holiday days
 - Allows doors that are scheduled open to remain locked on holidays

Door fit and finish provided by General Contractor or hardware trade. KSS cannot provide services to correct alignment issues and will not modify doors, frames, or hardware for the purpose of correct operation of the door. Each device will include the necessary mounting hardware, license and one year manufacturer software license support.

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Video Surveillance System

KSS will furnish and install the following:

Main Building 1st Floor

- One video recording server
- One management server
- Three Hanwha 9010RV fish eye interior cameras
- Five Hanwha PNM-9085RQZ multi-directional interior cameras with mounts
- Three Hanwha PNM-9000VD dual sensor interior cameras
- Twenty-seven Hanwha XND-6081RV interior cameras (two with wall mounts in stairwells)

Main Building 2nd Floor

- Four Hanwha PNM-9085RQZ multi-directional interior cameras
- Ten Hanwha XND-6081RV interior camera

Main Building Exterior

- Two Hanwha XNO-6120R fixed bullet camera for LPR at public entries
- Seven Hanwha PNM-9085RQZ multi-directional exterior cameras with mounts
- Four Hanwha XNV-9082R exterior fixed dome cameras with mounts

Annex Building Interior

- Two PNM-9085RQZ multi-directional cameras with mounts
- Five Hanwha XNV-9082R exterior fixed dome camera with mount

Annex Building Exterior

- Two Hanwha XNO-6120R fixed bullet camera for LPR at vehicle gates
- Four Hanwha PNM-9085RQZ multi-directional exterior cameras with mounts
- Four Hanwha XNV-9082R exterior fixed dome cameras with mounts (2 on Annex and 2 on poles in Vehicle Storage Lot)
- Initial programming will include:
 - Enrolling the cameras and setting up basic motion detection
 - One administrative account
 - One view only account
 - Estimated days of storage 30days
 - 1080p at H.264 and 15 FPS (Change)
 - Calculations are based on 40% motion detection or event recording

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.

***Camera placement designed per customer provided security drawing and camera schedule. Multi-directional camera coverage allows for fewer fixed cameras to reduce overall cost.**

Rekor LPR Option

Rekor ALPR solutions is the next generation ALPR delivered in real-time for the fastest and accurate vehicle and plate capture and alerts - under 10 seconds. The Rekor software recognizes vehicle attributes on as many as four lanes with one camera; reducing costs while providing more actionable intelligence. The cameras field of view is recorded 24/7 and a video of each vehicle is provided.

Rekor's artificial intelligence software captures plates in non-optimized scenarios and paper plates as well as traditional plates. The open-architecture allows for inter-agency sharing and Rekor solutions include fixed, in-car mobile, speed, and message board trailers.

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Flex API Option

Flex API is an application programming interface that provides a robust mechanism for external parties to develop an interface into DNA Fusion to accomplish a myriad of tasks or receive information. Below is a list of possible tasks that can be performed externally, through Fusion Flex API.

SPLAN Visitor Management Option

Access Control

Splan seamlessly integrates with various industry leading access control systems for visitor check-in and check-out. Splan provides a highly configurable solution allowing organizations to dynamically change their integration parameters based on unique requirements, per site or location. Splan supports provisioning proximity badges or dynamically generated badge numbers to all leading access control providers. Badge numbers can be printed on the label and can be used on turnstiles for access.

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
- Assigning different schedules and access levels to the access control doors
- PoE switches and patch panels
- Existing client workstations that meet the system minimal requirements
- Rack space and uninterruptable power supply in the MDF room for rack mount units
- Wall space and 3/4" plywood backboard for wall 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
- A dry contact connection from the fire system for fire drop out if 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

- The 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

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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

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

KSS will provide training for one combined end user training session. The individuals for the system training session will be determined by the Customer. All training for the above mentioned systems to follow the manufacturer guidelines for Customer training. This training will be provided for administrators and users for each system.

Training will include upgrade implementation, system administration, end-user, and reports. The training will be classroom style and will include manuals, training material, and hands on training. Two hours of training are provided with this proposal. Additional training may be provided with additional cost.

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 30 days. After the 30 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. Final Location of all equipment to be approved by owner prior to start of installation.

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5. 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.
6. 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.
7. 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:

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

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 electric locking hardware	X	

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Installation of electric locking mechanism power supplies	X	X
Installation of device power supplies	X	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	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
Import initial cardholder database from Owner provided information	N/A	
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

PROJECT INVESTMENT

Investment Summary

Total Miscellaneous Items	\$124,219.00
Total Proposal Amount	\$425,279.00

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: **\$425,279.27**

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

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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 New Braunfels

By: _____	By: _____
Signature	Signature
ISR	Contract Administrator
_____	_____
Title	Title
Tess Willems	Debbie Kimball
_____	_____
Print Name	Print Name

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TERMS & CONDITIONS