



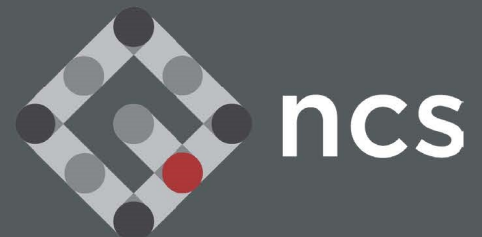
City of Saginaw

Saginaw PD_Surveillance Upgrade

HC-22-164

Revision: 2

November 02, 2022





INTRODUCTION

November 02, 2022

City of Saginaw
333 W. MCLEROY BLVD.
Saginaw, Texas 76179
Greg Clayton
Saginaw PD_Surveillance Upgrade

NCS Quote HC-22-164

Thank you for allowing Network Cabling Services the opportunity to provide you with this proposal Saginaw PD_Surveillance Upgrade.

NCS was founded in 1981 in Houston, TX, as a technology-driven, single-source solution provider for all our client's audio visual, cabling infrastructure, design-consulting, networking, and security needs.

Since then, we have grown to more than 300 employees across six Texas locations while expanding our services to in-building wireless systems to deliver public safety and cellular communications and network-powered lighting systems.

After you have reviewed the project scope and summary considerations, please indicate your acceptance by signing where indicated and return a fully executed copy to NCS.

If you have any questions about this proposal or require additional information, please do not hesitate to contact me.

Respectfully,

CuBrail Hendricks
Security Systems Design Manager
281.414.2825
chendricks@ncs-tx.com





PRICING SUMMARY

Video Surveillance System

Materials	\$86,038.32
Labor	\$21,362.39
Shipping & Handling	\$2,036.40
Total	\$109,437.11

Structure Cabling

Materials	\$16,152.95
Labor	\$0.00
Total	\$16,152.95

PROJECT TOTAL

\$125,590.06

*Payments made by credit card/purchasing card will incur an additional 3.8% processing fee.

*If P&P Bonds are needed, please add \$3,139.75





PRICING SUMMARY

Payment Schedule	Amount	Due Date
Initial Deposit	\$25,118.01	
Progress Monthly Payment	\$87,913.04	
Final Due Upon Completion	\$12,559.01	

Service charges listed below become effective on all accounts 30 days after the invoice date. Charges are computed at the lower of 1.5% per month or the maximum allowed by law.

Notice to Buyer: Do not sign this agreement before you read it in its entirety, or if it contains blank spaces. You are entitled to a copy of the agreement you sign. Keep this agreement to protect your legal rights.

Respectfully Submitted By:

Network Cabling Services, Inc.

Accepted By:

City of Saginaw

Authorized Signature:

CuBrail Hendricks

Authorized Signature:

Print Name & Title:

CuBrail Hendricks
Estimator

Print Name & Title:

Greg Clayton

Date: November 02, 2022

Date:





SCOPE OF WORK

BuyBoard #644-21

Please be advised, due to the volatility in the current market, the material pricing in this proposal is valid for 14 days. A PO will secure pricing if received during the 14-day window. In addition, the industry is experiencing long lead times on many products and availability is subject to change at any time without notice.

Note: This proposal does not include any bonds. If bonds are required, NCS can provide additional pricing.

• SCOPE OF WORK: Surveillance Video System

- The objective of this proposal is to install a new Avigilon Video System to the Saginaw PD building to cover interior locations and exterior parking lots and areas.
- This proposal includes (1) 64TB Avigilon server that is configured to maintain (90) days of storage with the cameras included in this proposal.
- This proposal includes camera licenses for the new and existing cameras to remain.
- NCS will provide and install (17) new interior cameras and (9) new exterior cameras.
- NCS will connect (9) existing analog camera. The existing analog cameras will utilize the existing video encoder onsite to communicate with the new Avigilon system.
- NCS will provide and install required mounting adapters.
- This proposal includes cameras with built-in mics or external mics, depending on camera model. The exterior gate cameras and record's camera will not include mics.
- NCS will provide and install a total of (9) POE Surge protectors for all exterior cameras included on this proposal.
- NCS will attempt to use existing data cabling for the cameras that will be replaced. All new camera locations will be provided new data cabling by NCS structure cabling.
- NCS will adjust and focus camera for optimum views and with customer's approval.
- PoE Switch and Patch Panel ports will be existing or provided by Saginaw PD.
- Customer to provide power at headend equipment location.
- This proposal does not include any integrations into the existing interview room system.
- Customer will provide access to technical support personnel for any programming information needed to configure systems on the customer's network.
- This proposal includes focus adjustment and cleaning of the existing cameras to remain to ensure optimum views attainable by existing camera.

• SCOPE OF WORK:

A. Camera Cabling:

- NCS will provide and install two(2) multi-mode fiber optic cables to the cameras mounted on poles outside of the building as shown on the drawings and terminated with LC style connectors. NCS assumes pathways are to be existing or provided by others.
- NCS will provide and install one(1) rack mounted fiber enclosure to be placed into an existing rack complete with multi-mode coupler panels.
- NCS will provide and install two(2) harden multi-mode LC media converters. Power and enclosure to be provided by others.
- NCS will provide and install eighteen (18) category 6 plenum cables to the interior cameras as shown on the provided drawings. NCS assumes there is sufficient space on existing patch panels for the new camera cabling. Should one be required, NCS will request a change order in writing before



proceeding.

- NCS will provide and install eighteen (18) single port surface mount boxes at the camera locations.
- NCS will provide all necessary patch cords for a complete and functional project.
- NCS will provide and install eighteen (18) category 6 jacks.
- NCS will utilize existing pathways for this installation.

B. Labeling:

- Provide machine-generated labels on all newly installed cables.
- Refer to and follow the customer specifications for the specific labeling requirements for this project.

C. Testing and Documentation:

- Post-installation certification testing of the copper cabling will be completed using Fluke Tester. Access will need to be provided on the far end





ITEM DETAILS

Video Surveillance System

Saginaw PD

- | | |
|----|---|
| 1 | Avigilon 15C-H4A-3MH-180
3x 5 MP, WDR, LightCatcher, 4mm, Camera Only |
| 1 | Avigilon 15C-H4A-3MH-270
3x 5MP H4 Multisensor Camera Module with 2.8mm Lens |
| 5 | Avigilon 24C-H4A-3MH-180
3x 8 MP, WDR, LightCatcher, 5.2mm, Camera Only |
| 1 | Avigilon 24C-H4A-3MH-270
3x 8 MP, WDR, LightCatcher, 4mm, Camera Only |
| 1 | Avigilon 3.0C-H5A-CR1-IR
H5A, Corner, CRS, 3.0 MP WDR, 3-9mm,IR |
| 3 | Avigilon 4.0C-H5A-D1
4.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics |
| 1 | Avigilon 6.0C-H5A-DO1-IR
6.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics |
| 1 | Avigilon 6.0C-H5DH-DO1-IR
2X 3MP H5A DUAL HEAD OUTDOOR CAMERA
Model # 6.0C-H5DH-DO1-IR
2x 3MP H5A Dual Head Camera. Outdoor camera with built-in IR |
| 6 | Avigilon 8.0C-H5A-D1
8.0 MP (4K) WDR, LightCatcher, Day/Night, Indoor Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics |
| 1 | Avigilon 8.0C-H5A-FE-DC1
8.0 MP, H5A Fisheye In-ceiling Camera, LightCatcher, Day/Night, WDR, 1.41mm f/2.0, Next-Generation Analytics |
| 4 | Avigilon 8.0C-H5A-FE-DO1-IR
8.0 MP, H5A Fisheye Dome Camera, LightCatcher, Day/Night, WDR, 1.41mm f/2.0, Next-Generation Analytics, Integrated IR |
| 36 | Avigilon ACC7-ENT
ACC 7 Enterprise camera channel license |



ITEM DETAILS



- 28 Avigilon ACC-MIC**
 Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, all directions, or within 30' d
- 28 Avigilon CM-AC-AVIO1**
 3.5mm audio and video I/O jack with 1.8m fly wire
- 7 Avigilon H4AMH-AD-IRIL1**
 Optional IR illuminator ring, up to 30m (100ft), for use with H4AMH-DO-COVR1.
- 8 Avigilon H4AMH-AD-PEND1**
 Outdoor pendant mount adapter, must order one of IRPTZ-MNT-Wall1 or IRPTZ-MNT-NPTA1 and one of H4AMH-DO-COVR1 or H4AMH-DO-COVR1-SMOKE.
- 8 Avigilon H4AMH-DO-COVR1**
 Outdoor Dome Cover for H4 Multisensor
- 2 Avigilon H4-MT-CRNR1**
 Corner mount adapter for use with H4A-MT-Wall1, H4-BO-JBOX1, H4SL, H4F, H4 PTZ, H4 IR PTZ and H4 Multisensor cameras.
- 4 Avigilon H5A-FE-MT-NPTA1**
 NPT Adapter For H5A Fisheye Dome Camera
- 8 Avigilon IRPTZ-MNT-WALL1**
 Pedant wVideo mount adapter. For use with H4 IR PTZ or H4A-MH-AD-PEND1 on H4 Multisensor.
- 1 Avigilon NVR5-STD-64TB-S19-NA**
 NVR5 STD 64TB 2U Rack Mnt, WS19 NA
- 8 Avigilon POE-INJ2-60W-NA**
 Indoor single port Gigabit PoE++ 60W, North American power cord included.
- 9 Ditek DTK-MRJPOES**
 Single Channel 10GbE PoE Protector Shielded RJ45 Connection
- 1 NCS Consumables**
 System Consumables



ITEM DETAILS



Materials	\$86,038.32
Labor	\$23,398.79
Shipping & Handling	\$2,036.40
Total	\$109,437.11

*Payments made by credit card/purchasing card will incur an additional 3.8% processing fee.

*If P&P Bonds are needed, please add \$2,735.93

Structure Cabling

Saginaw PD

1 NCS Data Cabling

NCS Structure Cabling for camera and data requirements for security.

Materials	\$16,152.95
Labor	\$0.00
Total	\$16,152.95

*Payments made by credit card/purchasing card will incur an additional 3.8% processing fee.

*If P&P Bonds are needed, please add \$403.82





QUALIFICATIONS

- The communications industry is currently experiencing volatile price increases and unusually long lead times on cabling, metal accessories and electronic devices. Due to the rapidly changing conditions of the industry, NCS is only able to guarantee our pricing for fourteen (14) days. Additionally, although we will make our best effort to meet all requested time commitments, we are currently subject to supply chain delays which may impact the project schedule.
- A 3.8% processing fee will be added to the price quoted if payment is made via a credit card or purchasing card.
- The cost for bonding has not been included in the proposed price unless specifically called out.
- The cost for taxes, if included in the above proposed price, is an estimate only. If taxes are required to be collected, an additional line item will be added to the invoice. The customer is required to pay all applicable taxes unless a tax-exempt certificate is provided in advance.
- NCS shall perform the work described within using non-union employees. If union employment is required, it must be agreed upon and specifically documented by the owner and NCS.
- NCS has not included pricing for participation in a composite cleaning crew. If this is required, an additional price can be given.
- Samples and attic stock are not included in this proposal.
- The project schedule as agreed upon by the owner and NCS prior to purchase shall remain in place throughout the project. Changes to the project schedule resulting from delay by other trades, request by the owner, or to meet construction milestones may result in the issuance of a change order to address lost time or overtime incurred by NCS.
- Any changes or additions to the Scope of Work or the Bill of Materials shall be executed in writing as a change order. Verbal instructions to field technicians do not authorize changes to the scope of work.
- Unless specifically requested and indicated in the proposal, all work described herein will be performed during the normal business hours of 7 AM – 5 PM, Monday through Friday.
- On-site parking shall be provided when available. Parking permits where applicable shall be provided free of charge to NCS.
- All necessary building access shall be provided including but not limited to access through doors, elevators, stairwells, etc.
- All security badges, keys or personnel escorts shall be provided as required by the owner.
- The project site shall be ready for NCS to proceed with the work specified within this document upon our scheduled arrival to the site. This includes the site being clean and dust free, free from obstructions, free of other trades, and free of any scheduled events.
- All required infrastructure provided by the owner or other trades shall be complete prior to NCS commencing work on the project unless specifically authorized by NCS. This shall include all electrical power, conduits and junction boxes, and all data lines not being provided by NCS (including POTS, ISDN, and LAN).
- All owner or contractor supplied information regarding site conditions is accurate in detail. Information may include CAD drawings, blueprints, building plans and layouts, or other data types transmitted electronically or through print.
- All owner furnished equipment shall be provided at the start of the project unless otherwise agreed upon. All equipment must be presented in good, working order. No owner furnished equipment shall be covered under any warranty provided by NCS unless specifically requested and agreed upon by the owner and NCS.
- All necessary ceiling trim work, woodworking, millwork, drywall repair and painting shall be provided by the owner or owner furnished contractor. NCS shall not provide these services unless specifically agreed upon in advance and specifically documented.
- All equipment in the project shall become property of the owner once it is physically installed on the site. NCS shall not be liable for any damage or loss of the equipment once it is physically installed unless agreed upon in advance and specifically documented.
- This scope of work and project proposal contains specific proprietary information and intellectual property. It may not be distributed to other parties outside of appropriate owner representatives without prior written authorization by NCS.





STANDARD TERMS & CONDITIONS

1. Engagement of Services

Once work is authorized by the customer, Network Cabling Services is committed to certain “ramp up” expenses, both direct and indirect (i.e., specific training, travel, special tools, materials, project management, etc.) which are generally priced into the entire scope of the project. If the project is canceled, delayed, terminated or significantly changed through no fault of Network Cabling Services, these expenses will be due and payable to Network Cabling Services on a pro-rate basis. Any request for reimbursement of these expenses will be itemized and defined.

2. Changes to Scope of Work

Network Cabling Services will notify the customer if there is a material change, scheduling change, or construction delay beyond the scope of work and no fault of Network Cabling Services requiring Network Cabling Services to expend more monies budgeted. The customer agrees to pay Network Cabling Services for such expenses plus reasonable profit and overhead if the customer desires to continue under the changed Scope of Work.

3. Permits and Taxes

Permits are not included unless specifically noted otherwise. Permits, inspection fees, drawings, etc., will be provided by Network Cabling Services at the cost of obtaining them. Taxes are not included in the proposal price unless specifically noted otherwise.

4. Network Cabling Services Employees

The customer agrees that it shall not hire any employee of Network Cabling Services who is currently working on a project for the customer, or any employee of Network Cabling Services who has worked on a project for the customer within the last twelve months. The customer further agrees not to hire any former Network Cabling Services employee that performed any work on a project for the customer at any time within the prior twelve months. The customer agrees and understands that this provision is necessary so that Network Cabling Services can protect its investment of time and money in its employees, as well as any confidential or proprietary information known by its employees.

5. Payment Terms

Standard payment terms are net due in ten days from invoice date unless stated differently in the above proposal. A service charge may be charged on all past due amounts. Amounts will be considered past due 30 days after date of invoice. You may avoid a service charge or additional service charges upon payment at any time of the unpaid balance. All payment terms are subject to change based on credit review and approval.

6. Warranty

All installation work will meet or exceed all NEC, Federal, State, and local codes that may apply. No performance warranty will be issued by Network Cabling Services. A one-year workmanship warranty will be issued on all installed materials from the date of acceptance.

7. Indemnity

The customer agrees to defend and indemnify Network Cabling Services from any and all third party claims, demands, actions, lawsuits liability, damages and/or costs, including reasonable attorney's fees and expert fees, arising out of or relating to Network Cabling Services work under this agreement or the Scope of Work under this agreement, regardless of the cause, including active or passive negligence of Network Cabling Services, the customer, or others, unless such claim, demand, action, lawsuit, liability, damage or cost is caused by the sole negligence of Network Cabling Services.

8. Attorneys' Fees

If Network Cabling Services is required to hire attorneys to collect amounts owed under this agreement, the customer agrees to reimburse Network Cabling Services for all attorneys' fees, expert fees and other legal expenses that it may incur to collect such amount.

9. Incorporation by Reference

Unless expressly agreed in writing otherwise, these Standard Terms and Conditions are a part of and hereby incorporated by reference, all proposals submitted by Network Cabling Services to the customer and any Credit Agreement signed by the customer, and all terms and conditions of any such proposals or Credit Agreements.

By signing this proposal, the signators of this agreement warrant that they have the authority to enter into this contract and that they have read the above Standard Terms and Conditions and agree to abide by them.

ACCEPTED BY: _____

