



Gaston County

Gaston County
Board of Commissioners
www.gastongov.com

Public Works

Board Action

File #: 23-479

Commissioner Johnson - Public Works - To Authorize Montgomery Technology Systems, LLC as a Sole Source Provider for the Replacement of the Jail Annex Security Door Controls/Intercom Systems (\$102,300) and the Jail Annex Security Video Surveillance System (\$93,200)

STAFF CONTACT

Dan Ziehm, PE - Public Works - 704-862-6795

BUDGET IMPACT

N/A

BUDGET ORDINANCE IMPACT

N/A

BACKGROUND

The Gaston County Facilities Management Division is committed to providing services in the most economical and efficient manner that comply with all local, state, and federal guidelines. The security door control and intercom system and the security video surveillance systems are original to the Jail Annex, built in 1996. These systems are obsolete and parts/electronic components are no longer available and these systems are incompatible with the newly replaced system in the Sheriff's Office and Jail.

Public Works recently completed the Jail In-Fill expansion project at the Sheriff's Office and Jail. Montgomery Technology Systems, LLC installed the new security door/intercom and video surveillance systems in the Sheriff's Office and Jail. In an effort to ensure compatibility and connectivity with the new Sheriff's Office and Jail systems, the same systems are needed to be installed at the Jail Annex. This will allow both systems to communicate and function together. This will also allow the video streams from the Jail Annex to be recorded on the Sheriff's Office and Jail's 3-year digital video recorder. The existing systems in the Sheriff's Office and Jail use proprietary software and controls provided by Montgomery Technology Systems, LLC and are not available through another vendor. This purchase qualifies as a sole source exception to bidding per NCGS 143-129-(e)(6) due to standardization and compatibility being the overriding consideration.

(Continued on Page 2)

DO NOT TYPE BELOW THIS LINE

I, Donna S. Buff, Clerk to the County Commission, do hereby certify that the above is a true and correct copy of action taken by the Board of Commissioners as follows:

NO.	DATE	M1	M2	CBrown	CCloninger	AFraley	BHovis	KJohnson	TKeigher	RWorley	Vote
2023-364	10/24/2023	RW	KJ	A	A	A	A	A	AB	A	U

DISTRIBUTION:

Laserfiche Users

A=AYE, N=NAY, AB=ABSENT, ABS=ABSTAIN, U=UNANIMOUS

Commissioner Johnson - Public Works - To Authorize Montgomery Technology Systems, LLC as a Sole Source Provider for the Replacement of the Jail Annex Security Door Controls/Intercom Systems (\$102,300) and the Jail Annex Security Video Surveillance System (\$93,200)

Page 2

Approval of this Board Action authorizes staff to move forward with a sole source purchase of the necessary services provided by Montgomery Technology Services, LLC and authorizes the County Manager, or her designee, to execute the necessary contracts and/or purchase orders for the services required to perform these system replacements.

POLICY IMPACT

N/A

ATTACHMENTS

MTS Proposals; Sole Source Letter



August 28, 2023

Subject: Gaston County Annex, NC – Video Surveillance System

Camera System

MTS will remove the existing CCTV servers and replace the existing CCTV cameras at the Gaston County Annex. The new cameras will connect to the existing Pelco VideoXpert system at the Gaston County Jail for recording capabilities.

MTS will provide and install three (3) single monitor viewing stations (Central Control, Dorm Control 1, Dorm Control 2). Each viewing station will include an HP EliteDesk 800 G9 Small Form Factor computer running Windows 10 and Pelco VX OpsCenter software and a 24" Pelco desk mounted LED monitor. Each 24" monitor will be capable of viewing up to sixteen (16) cameras.

MTS will provide and install one (1) dual monitor viewing station (Central Control). The viewing station will include an HP EliteDesk 800 G9 Small Form Factor computer running Windows 10 and Pelco VX OpsCenter software and two (2) 49" UHD 4K Pelco LED monitors. Each 49" monitor will be capable of viewing up to sixteen (16) cameras.

Cameras

MTS will replace the existing analog cameras with new Pelco SRXP4-2V10-EMD 2MP IP fixed cameras. MTS has accounted for a total of thirty-two (32) existing fixed camera locations. MTS will provide and install new Cat6 cabling to all existing camera locations utilizing existing pathways. All cameras will be powered via PoE. All new cameras must be mounted within or on the existing building structure.

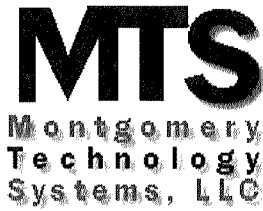
MTS will provide and install three (3) new Pelco SRXP4-2V10-EMD 2MP IP fixed cameras at new locations. MTS will provide and install new Cat6 cabling between the local equipment room and new camera locations. Cabling will be routed and fastened in a free-aired method through existing ceiling and attic spaces.

Networking

MTS will provide and install HP 2930F series PoE network switch as needed to provide a connection for all network enabled devices. New Cat6 cable will be provided and installed for all copper network connections. MTS will provide and install patch panels as needed for copper terminations.

MTS will use VLAN segregation for connections with other networks and provide network configuration details needed for connectivity. All programming on equipment not provided by MTS to accomplish connectivity with other networks will be provided by the others.

MTS will use a fiber optic link provided by others for connection of the new video surveillance equipment to the existing VideoXpert system at the Jail.



Equipment Racks

MTS will provide and install a new equipment rack for housing the new cable termination and video surveillance networking equipment. MTS has accounted for one (1) equipment room.

UPS System

An Eaton on-line UPS system will be utilized. The UPS system will be sized to provide fifteen (15) minutes of run time for all systems included in this quote.

Base Pricing

MTS is pleased to provide the above systems for a **total of \$93,200**

**Bonding can be added for 1% of the total contract price.*

***All applicable taxes have been accounted for in pricing.*

Warranty

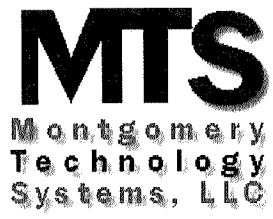
1. MTS provides the manufacturers standard warranty that all products are to be free of defects in material and workmanship for a period of one (1) year from date of substantial completion.
2. See <https://www.pelco.com/support/product-warranty-return-information> for Pelco warranty information.
3. Conditions of the warranty apply only to materials supplied as part of this quote.
4. MTS and Pelco are not responsible for damage caused by Acts of God, neglect or abuse by others who have gained access to the equipment.

Lead Times and Submittals

1. MTS will provide submittals within twelve (12) weeks of receipt of contract or purchase order.
2. Upon receipt of approved submittals and first payment, MTS will order all material and schedule the installation of the project. Material lead times are ten (10) weeks. However, material lead times can be affected by forces outside of MTS' control (i.e., material shortages). If the material lead times are longer than stated, MTS will advise at the time the material is ordered.
3. MTS will complete the installation within four (4) weeks of material arriving onsite.

Terms of Payment

1. All pricing is good for 30 days from date of quote.
2. MTS will submit monthly progress payments. The progress payments will be for all work completed, for material incorporated into the work, and stored material received in that month.
3. All invoices must be paid within 30 days from invoice date.
4. All invoices not paid within 30 days will be subject to a 1.5% per 30-day late charge.
5. All invoices not paid within 60 days will result in the account being put on credit hold. Once an account is placed on credit hold, MTS will discontinue all services until the account is restored to good standing.
6. If this project is sales tax exempt, a tax exemption certificate must be provided prior to material being ordered.



If I can be of any assistance or answer any questions, please do not hesitate to call me at 800-392-8292.

Sincerely,
Zane Waters



August 28, 2023

Subject: Gaston County Annex, NC – Control System Upgrade

Montgomery Technology Systems, LLC is pleased to provide a quote to upgrade the existing door/intercom control system as described in the following scope of work. This quote is based on our site visit.

Control System

MTS will provide and install an MTI Firefly Control system to replace the existing locking and intercom control system. MTS has accounted for the following devices on the existing control system:

- 35 - Controlled Swing Doors
- 16 - Controlled Kick Slider Doors
- 24 - Intercom Stations

MTS will provide and install three (3) control stations (A control, B control, and Main control) to replace the existing control panels. Each control station consists of a HP EliteDesk 800 G9 Small Form Factor computer running MTI ProVision software, 22" Elo touchscreen monitor with microphone for intercommunications, and a 22" HP monitor for camera call up functionality. MTS will pull Cat6 cabling between the control stations and local equipment rooms.

Existing IP cameras must be ONVIF compliant and have RTSP turned on for integration with the new control system. A network connection between the new control system network and the owner's network will need to be provided for integration of cameras. Any programming required on the owner's network for integration will be provided by others.

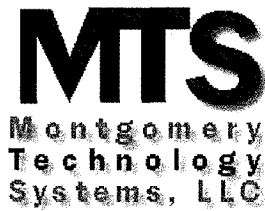
MTS will provide and install new locking termination boards and relays for the locking system.

MTS will provide and install new audio termination boards and digital amplifiers for the intercom system. MTS will provide and install new cabling and intercom stations to replace the existing Aiphone stations and cabling for compatibility with the new control system.

MTS will reuse all existing field devices, door hardware, cabinets, racks, control desks, and cabling as is unless otherwise noted. MTS will assist the facility in troubleshooting problems with existing field devices. Once an existing field device or cable is found to be defective, it will be the facility's responsibility to repair or replace the existing device.

Uninterruptible Power Supplies (UPSs)

MTS will provide and install UPSs for all new head end equipment and viewing stations. An Eaton on-line UPS system will be utilized. The UPS system will be sized to provide fifteen (15) minutes of run time for all systems included in this quote.



Network

MTS will provide and install HP 2930F series network switches for connection of all control system network enabled devices. Cat6 cable will be used for all new headend equipment.

Pricing

MTS is pleased to provide the above base scope of work for a total of **\$102,300**

**Bonding can be added for 1% of the total contract price.*

***All applicable taxes have been accounted for in pricing.*

Warranty

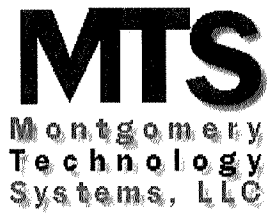
1. MTS provides the manufacturers standard warranty that all products are to be free of defects in material and workmanship for a period of one year from date of substantial completion.
2. Note that the conditions of the warranty apply only to materials supplied as part of this quote.
3. MTS is not responsible for damage caused by neglect or abuse by others who have gained access to the equipment.

Lead Times and Submittals

1. MTS will provide submittals within twelve (12) weeks of receipt of contract or purchase order.
2. Upon receipt of approved submittals and first payment, MTS will order all material and schedule the installation of the project. Material lead times are ten (10) weeks. However, material lead times can be affected by forces outside of MTS' control (i.e. material shortages). If the material lead times are longer than stated, MTS will advise at the time the material is ordered.
3. MTS will complete the scope of work installation within four (4) weeks of material arriving onsite.

Terms of Payment

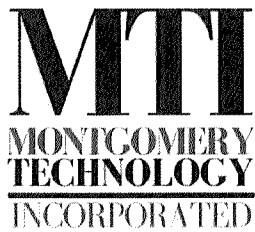
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If I can be of any assistance or answer any questions, please do not hesitate to call me at 800-392-8292.

Sincerely,

Zane Waters



The simpler the system, the higher the reliability

10/18/2023

Subject: Gaston Co. NC – MTI Control System Sole Source

To Whom It May Concern,

Montgomery Technology, Inc. is the sole source manufacturer of the MTI control system, its components, and software.

Montgomery Technology Systems, LLC is the only certified MTI integrator for North Carolina. Regarding your inquiry on Secured Technology, they no longer service MTI equipment.

If you have any questions, or would like further information, please do not hesitate to call us.

Sincerely,

Nathan Skipper
VP of Sales
(w) 800-392-8292
(e) nathan@montgomerytechnology.com