

BID RECOMMENDATION

BIDDERS

BID TOTAL

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Staff Assigned to Tabulate Bids and Make Recommendations:

NAME

TITLE

_____	_____
_____	_____
_____	_____

FUNDING SOURCE: Upgrades
at Clay County EOC - Computer Software and ARPA Fund - All Grants Organization -
RECOMMENDATION: Gate and Security System Upgrades at Clay County EOC - M&E Cap

If only one bid is received, state reason why accepted and not re-bidding:

BID TABULATION FORM

Bid 22/23-22
Gate and Security System Upgrades at Clay County
Proj: **Emergency Operations Center**
Ad: Clay Today: May 04, 2023

Date: June 02, 2023
Time Open: 9:00 AM
Time Close: 9:02 AM

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

	Bidder	Bid Bond	Total
1	Miller Electric Company	Yes	\$ 135,156.48
2			
3			
4			
5			
6			
7			
8			
9			
10			



Clay County
Purchasing / Administrative and Contractual Services
477 Houston Street, Green Cove Springs, FL 32043

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-022

Gate and Security System Upgrades at Clay County Emergency Operations Center

RESPONSE DEADLINE: June 1, 2023 at 4:00 pm

Miller Electric Company Proposal

CONTACT INFORMATION

Company:

Miller Electric Company

Email:

tbartmess@mecojax.com

Contact:

Tamara Bartmess

Address:

6805 Southpoint Pkwy,
Jacksonville, FL 32216

Phone:

(904) 349-8839

Website:

www.mecojax.com

Submission Date:

Jun 1, 2023 2:11 PM

ADDENDA CONFIRMATION

No addenda issued

PRICE TABLES

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	General Conditions	1	Lump Sum	\$22,396.77	\$22,396.77
2	Gate Operator, Gate Controller and Gate Safety Systems	1	Lump Sum	\$67,176.86	\$67,176.86
3	Access Control	1	Lump Sum	\$4,055.19	\$4,055.19
4	Video Cameras	1	Lump Sum	\$5,133.98	\$5,133.98
5	Pedestal	1	Lump Sum	\$1,723.68	\$1,723.68
6	Connectivity	1	Lump Sum	\$31,910.00	\$31,910.00
7	Intergration	1	Lump Sum	\$2,760.00	\$2,760.00
TOTAL					\$135,156.48

3. SCOPE OF WORK

3.1. Background

The existing rear gate at the Clay County Emergency Operations Center (EOC) is out of service. It is a slide-operated gate with chain drive. Preliminary examination suggests this is a closed operating system where functions are controlled by direct components such as keypad, radio frequency activated openers, entry/exit loops, and the local gate operator.

The existing chain drive operator will be replaced by a hydraulic operator and the existing gate will remain in service and be converted as such. The security gate system upgrades include the integration of access control, video cameras, and the addition of safety and functional operations are required as described herein.

3.2. Purpose

Clay County is seeking a qualified Florida licensed Contractor to upgrade, replace, and improve components of the rear sliding security gate system at the Clay County EOC located 2519 SR 16 W. Green Cove Springs, Florida 32043.

Contractors shall have a minimum of three years' experience installing similar equipment.

The purpose of this Scope of Work is to upgrade the existing defective gate and operations to a wholly functioning security gate system that includes added safety features, accessories, video cameras, integration with the existing access control system, and improved functionality. The County requires the work be "turn-key" as a whole system to include the functionality described. The Contractor shall provide pricing for the fully functioning system.

Unless specifically excepted by the terms of this RFB, any parts or accessories ordinarily furnished or required to make the equipment herein specified a complete operating unit or system shall be furnished by the Contractor whether directly mentioned in the this RFB or not. Contractor shall furnish all labor and install all equipment, materials, parts, components, miscellaneous hardware, tools, test instruments, disposables, etc., to make a fully functional gate operating system with accessories and safety system as described.

3.3. Coronavirus State and Local Fiscal Recovery Funds

This project is being supported, in whole or in part, by U.S. Department of the Treasury Coronavirus State and Local Fiscal Recovery Funds ("SLFRF").

On March 11, 2021, the American Rescue Plan Act was signed into law, and established the Coronavirus State Fiscal Recovery Fund and Coronavirus Local Fiscal Recovery Funds, which together make up the Coronavirus State and Local Fiscal Recovery Funds ("SLFRF") program. This program is intended to provide support to State, territorial, local, and Tribal governments in responding to the economic and public health impacts of COVID-19 and in their efforts to contain impacts on their communities, residents, and businesses.

The Contractor will comply with all Federal laws, rules, regulations, and executive orders applicable to the receipt of funding from the Coronavirus Relief Fund. As provided for in the award terms, payments

from the Fiscal Recovery Funds as a general matter will be subject to the provisions of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (2 CFR part 200) (the Uniform Guidance), including the cost principles and restrictions on general provisions for selected items of cost. (Appendix II to 2 CFR Part 200 is included as an attachment.)

The Federal Government has transitioned from the use of the DUNS Number (i.e., an identifier issued by Dun and Bradstreet) to the Unique Entity Identifier (UEI) as the primary means of entity identification for Federal awards government-wide. UEIs are required in accordance with [2 CFR Part 25](#), and the transition from DUNS to UEI has resulted in the UEI being issued by the Federal Government in [SAM.gov](#).

3.4. Functional Requirement

The County requires the gate to operate as follows at the completion of the project:

- The static or normal condition of the gate shall be closed.
- For entry to the gate, an authorized badge holder shall present a security badge to one (1) of two (2) badge readers on the newly installed dual-height pedestal.
 - The County shall be responsible for authorizing and programming security badges.
 - The gate shall open to allow passage of the vehicle and automatically close and return to its static state.
 - There appears to be a safety loop sensor installed outside the gate as part of a safety system, however, it is unknown if this is the function or if it is functional. The County requires the use of this loop sensor if it is a safety sensor, however, entry to the gate shall not be accessed by this loop sensor. The Contractor shall field verify the loop and determine if it is a safety sensor loop.
- During closure of the gate, safety systems shall be installed (gate edge sensor, and photo optical sensor) to prevent damage to the gate, vehicles, and personnel, etc.
 - During gate closure, should the gate edge sensor be contacted and activated, the gate shall cease the closure function and return to an open state, and after a period to be determined, shall close.
 - During gate closure, should the photo optical signal be interrupted, the gate shall cease its closure function and return to an open state, and after a period to be determined, shall close.
 - Egress from inside the gate shall be "request to exit" or "free exit" in that no security badge shall be required to exit the gated area. The gate shall allow exit based on an exit loop sensor installed inside the gate. A vehicle shall approach the gate exit and the gate shall automatically open, and after a period to be determined, shall close.

- The gate shall allow open and closure functions from the County's existing Genetec access control system. There are instances where suppliers and vendors will need access to the gated area, but will not be authorized badges. The supplier or vendor will place a cellular phone call to the existing Clay County Fire Rescue (CCFR) 911 dispatch center in the EOC. Dispatch personnel will then view the two (2) cameras installed on the new pedestal to verify identity and allow remote opening of the gate. The vendor will then exit or enter the gated area like all other authorized users.
- The newly configured gate system shall allow manual operations.
 - Manual operations shall include the ability to power off the gate at the gate operator. When power is removed from the gate operator, the gate shall manually be able to opened by one (1) person sliding it to the normally open position and also closing it to the normally closed position.
 - The drive mechanism must completely disengage from the unit without the use of tools.

3.5. Scope of Work

The Scope of Work includes, but is not limited to, the following:

- Obtaining all locates & permits and providing all materials, labor, inspections and equipment as necessary.
- Field verify existing gate loops, cable paths, existing gate installation and operation, and existing site conditions.
- Field verify hardware needed for the addition of two (2) card readers in the existing Genetec access control system.
- Conduct and complete site preparation, safety measures, and all incidental work.
- The Contractor is responsible for coordinating work, access, inspections, operations, training, and progress reports with the County Project Manager or designee.
- All materials to be installed per manufacturers' specifications.
- Remove all debris from site and dispose of appropriately at Contractor's expense.
- Existing slide gate to remain in service and be converted from chain-controlled to hydraulic-controlled operation.
- Remove and dispose of existing gate operator and all other unused components, hardware, and non-functional equipment.
 - Prepare existing concrete mounting pad for new gate operator mount.

- Conduct maintenance on existing “trolley” system to include gate leveling, repair, replace existing trolley mount hardware, and conduct maintenance on the existing trolley wheels so the entire trolley system is ready for peak performance operation.
- At no time, shall the entire driveway be blocked for ingress/egress during the construction period.
- Furnish and install two (2) cameras as described herein.
- Furnish and install two (2) new badge readers as described herein.
- Furnish and install new card reader board in existing access control system.
- Integrate, program, and configure new components to make a fully functional gate system as described herein.
- Provide County with gate system documentation, including owner’s manuals, diagrams, shop drawings, and gate operator maintenance and accessory training for up to six (6) personnel.
- Complete mutually agreed upon test plan for gate operations as described herein.
- All work shall be conducted in accordance with the latest applicable building codes, electric codes, and permit requirements.
- The Contractor will obtain and maintain sanitary temporary toilet facilities acceptable to the local Health Department for use by all crew and workmen.

Gate Operator

- Furnish and Install HySecurity SlideDrive 15 222SS-ST Hydraulic Gate Operator (or County approved equivalent)
 - Gate operator shall operate on 208VAC, single phase power.
- Furnish and Install HySecurity Drive Rail(s), Aluminum Grooved, Non-Flange for the entire length of the existing gate in order to convert the existing gate’s chain drive to hydraulic drive.

Gate Controller

- Furnish and Install Smart Touch Controller Board for SlideDrive operator for single slide gate compatible with gate operator described above.

Gate Safety Systems

- Furnish and Install ASO Edge Sensor on existing gate.
 - ASO Edge Sensor shall be for the entire height of the gate
 - ASO Edge Sensor shall be encapsulated and weather sealed

- ASO Edge Sensor shall have a National Electrical Manufacturer Association (NEMA) Enclosure rating of IP65.
- ASO Edge Sensor shall have a square edge sensor, low profile, wrap around edge for three-sided 3-sided protection, or County approved equivalent.
- The ASO sensor shall be wired to the gate operator. No wireless transmitter shall be used.
- The Contractor shall furnish and install approved factory-made cable or wire management system or County approved equivalent.
- Furnish and install one (1) EMX IRB-MON photo eye safety accessory included with gate operator.

Access Control

- Furnish and install Mercury Security MR52-S3 Series 3 Dual Reader Interface Module Board or customer-approved equivalent for new card readers.
- Furnish and install two (2) Signo 40 wall-mount badge readers, one (1) at each level of the newly installed pedestal.
 - Badge readers shall have weathertight seal(s) when mounting to the pedestal or wall.
- Fully cable, integrate, program, and configure new badge readers and Reader Interface Board in to existing Genetec access control system.
- Badge readers and Reader Interface Board shall be fully compatible with existing County's badges.

Video Cameras

- Furnish and install two (2) AXIS M3058-PLVE Network cameras or customer-approved equivalent at each level of pedestal.
- Fully integrate into the existing access control and video management system.

Pedestal

- Remove and dispose of existing pedestal and remaining non-functional equipment at the pedestal.
- Furnish and install new Goose Neck Stands 72" and 42" Black Steel Dual Height Gooseneck Pedestal (Pad Mount) 72-9C-D or County approved equivalent.
- Furnish and install two (2) Goose Neck Stands pedestal housing Black Steel Portrait Housing Portra-CS-8x12-E or County approved equivalent, one (1) at each height of the pedestal.
- Furnish and install two (2) new placards on each of the pedestal boxes with the following text: "For gate access please call CCFR Dispatch at 904-284-7703".

- Pedestal placards shall be permanently mounted with red background and white letters.
- Furnish and install one (1) protective bollard for the pedestal on the entry side. The bollard shall be installed in the “island” where the existing pedestal resides. The purpose of the bollard is to protect the pedestal from vehicle contact.
 - See bollard sketch at the end of “Photos and Sketches” for specification details.
 - Bollard cover sleeve shall meet the following requirements:
 - Materials:
 - High Density Polyethylene (HDPE) and Low Density Polyethylene (LDPE)
 - Color: Yellow
 - Reflective Tape Color: Red (Minimum two (2) tape stripes per cover)
 - Ultraviolet protection additive with minimum five (5) year warranty
 - HDPE material to have integral anti-static property
 - Reflective tape to be 3M Series Reflective Tape recessed into face of covers and spaced 5.585" apart

Connectivity

- Furnish and install all unmanaged Ethernet switches, cables, wires, fiber optic transport, media converters, adapters, and all components required to make a fully functional gate system as described herein.
- Field verify existing conduits paths between locations including pedestal, gate operator, loop sensors, and to/from building and equipment rooms.
- For new cables, wires, fiber, and connectivity between the gate operator and the equipment rooms, route cables with existing cable bundles.
 - New cable/connectivity path is expected to be required between the new gate operator and the equipment rooms.
 - It is acceptable to furnish and install new surface-mount conduit along the existing fence to the building.
- Entrance to the building from the outside is expected to require building penetration. The structural integrity and weatherproofing of the building shall be maintained.
 - Any new surface-mounted conduit shall be painted to match the existing fence and building prior to installation.
- All fiber optic cable required for installation shall be Single Mode.

- Provide at least a 2' service loop at each end of all fiber optic cables required for installation.
- Fiber optic cables shall be installed per manufacturer's instructions and appropriately rated for its use.
- All Ethernet cables required for installation shall be rated at CAT6e.
 - Provide at least a 1' service loop at each end of all CAT6e cables required for installation.
 - Ethernet cables shall be installed per manufacturer's instructions and appropriately rated for its use.
- Furnish and install two (2) spare/future Ethernet CAT6e cables between pedestal and gate operator, one (1) cable at each level.
- Unmanaged switches shall be sized to have two (2) vacant ports each for future use.

Integration

Owner requires that the furnishing, installation, programming, configuration, and integration of access control and video components be performed by a Genetec Enterprise Elite Integrator with specific deployment experience in Security Center Omnicast and Synergis software applications. In addition, installers and technicians shall be field trained and certified installers by Genetec. Proof of these Genetec certifications are required as part of the submittal.

3.6. Project Execution

Shop drawings

Submit shop drawings showing connections to adjacent construction, range of travel, and all electrical and mechanical connections to the operator. Drawings shall also show the size and location of the concrete mounting pad. Underground electrical runs and vehicle obstruction and request to exit loops shall be shown on shop drawings.

Installation

- Submit a copy of manufacturer's installation instructions for this specific project. Electronic delivery is acceptable in .pdf format.
- All fieldwork shall be performed in a neat and professional manner, completed to journeyman standards.
- Install gate operator in accordance with the manufacturer's printed instructions, current at the time of installation. Coordinate locations of operators with contract drawings, other trades and shop drawings.
- Install all safety accessories as specified.
- Locate concrete mounting pad in accordance with approved shop drawings.

- Ensure that gate is operating smoothly under manual conditions before installation of gate operators. Do not proceed until gate panel is aligned and operates without binding.
- Test gate operator through ten full cycles and adjust for operation without binding, scraping or uneven motion. Test limit switches for proper "at rest" gate position.
- Test all specified accessories for proper operations under all required conditions.
- Upon completion of the gate operator installations, touch-up paint any scratches, marks, or dings to the housing cabinets with paint to match that of housing.

Gate Preparation and Operation

- Prepare gate for operation to ensure, level, plumb, and secure for full opening without interference. Replace defective, worn, or substandard hardware. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.
- Adjustments
 - Adjust gate to operate smoothly, easily, and quietly, free from binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that locks engage accurately and securely without forcing or binding. Replace damaged or malfunctioning operable components.
 - Lubricate operable parts as required for optimal operations.

Demonstration

- Engage a factory-authorized service representative to train County's personnel to adjust, operate, and maintain gates.
- Test and adjust hardware, and other operable components. Replace damaged or malfunctioning operable components.
- Train the County's personnel on procedures and schedules for starting and stopping, troubleshooting, servicing, and maintaining equipment and schedules.
- Schedule training with the county staff at least seven days' in advance.

3.7. [Damage to Public or Private Property](#)

If property (public or private) is damaged while Contractor is performing work specified or is removed for the convenience of the work, it shall be repaired or replaced at the expense of the Contractor in a manner acceptable to the County prior to the final acceptance of the work. Contractor will be responsible for applying and securing any permits that may be required to complete such repairs. Such property shall include but not be limited to existing facilities and all of its components, site amenities, concrete and/or asphalt surfaces, vehicles, structures, sidewalks, curbs and gutters, utilities, etc.

Contractor must provide protection necessary to prevent damage to property being repaired or replaced.

If the work site has any pre-existing damage, the Contractor shall notify the County Project Manager in writing. Failure to do so shall obligate the Contractor to make repairs per the above section. Any damage to the roads, facilities, services, utilities, irrigation systems, tree stakes or straps, vegetation, etc., caused by the action of the Contractor shall be repaired or replaced at the expense of the Contractor to the satisfaction of the County. Failure to restore said property within five (5) working days following notification will result in a deduction from the final payment invoice.

Should the County have any expenses incurred due to the Contractor not restoring the property/damage within said time, any appropriate labor, material, and/or equipment use or rental to restore damaged property to its original condition will be deducted from the final Invoice prior to a payment being made.

3.8. Inspections

The Contractor shall contact the County's Project Manager or designee and the other permitting agencies requesting inspections according to those agencies' procedures.

The Contractor and the County Project Manager shall schedule a project walk through /meeting prior to reaching Substantial Completion. A punch list shall be created during that meeting. The dates and times for reviewing work will be mutually agreed to by both parties.

3.9. Site Inspections

It is incumbent upon all bidders to examine the site and insure that they are aware of all conditions that may affect the contract work thereon and therein. The County will not be responsible for conclusions made by the Contractor. No claims for additional compensation will be considered on behalf of any Contractor, Sub-Contractor, materials suppliers or others on account of that person's failure to be fully informed of all requirements of all parts of this bid.

3.10. Compliance with Occupation Safety and Health Act

The Contractor warrants that the product, products, or services supplied to the County shall conform in all respects to the standards set forth in the Occupational Safety and Health Act (OSHA) of 1970 as amended and the failure to comply will be considered a breach of contract. The County shall be held harmless against any unsafe conditions and Contractor employee incidents.

Contractor certifies that all material, equipment, services, etc., furnished in this bid meets all OSHA requirements for the applicable Sectors. Contractor further certifies that, if he is the successful bidder, and the material, equipment, service, etc., delivered or provided is subsequently found to be deficient in any OSHA requirement in effect on date of delivery or service fulfillment date, all costs necessary to bring the material, equipment, service, etc., into compliance with the aforementioned requirements shall be borne by the bidder. All Personal Protective Equipment used by the Contractor and their employees shall be ANSI certified and meet OSHA standards.

3.11. Payment

The Contractor may request payment no more than once monthly, based on the amount of work completed. All partial estimates and payments found to be in error shall be subject to correction in the estimates and payments subsequent thereto, and in the final estimate and payment. Payments will be made in accordance with the Florida Local Government Prompt Payment Act.

The amount of such payments shall be the total value of the project work completed to the date of the estimate, based on the quantities and the Contract unit and/or lump sum prices, less an amount retained and less payments previously made. The amount retained shall be determined in accordance with Section 255.078, Florida Statutes.

3.12. Term

Final completion shall be obtained within one hundred twenty (120) days from Notice to Proceed.

3.13. Work Hours

Workdays and hours – Normal work hours of Monday through Friday, 8:00 a.m. to 4:30 p.m. unless approved by County Project Manager or designee.

Any work performed outside of the normal County business hours will require prior County approval and payment to the County for all expenses incurred by the County for overtime costs in accordance with the Clay County pay scale may be required.

3.14. Additional Services

If the County and/or awarded Contractor identifies any additional services to be provided by Contractor that are not covered under the Agreement but are beneficial to the County, such additional services shall be mutually negotiated between the County and the Contractor.

3.15. Unsatisfactory Services and/or Equipment

The County will discuss all instances of unacceptable equipment and/or services with the awarded Contractor. This shall be immediately rectified by the Contractor at no charge to the County, to include any labor and materials.

During this time, the County may suspend service with the Contractor until the problem(s) are corrected or may elect to use another company on an emergency basis. A record of failure to perform or of an unsatisfactory performance may result in supplier debarment.

3.16. Performance Evaluation

A work performance evaluation will be conducted periodically to ensure compliance with the Contract.

3.17. Cancellation of Contract

If the awarded Contractor fails to maintain acceptable product quality or to perform adequately in accordance with the terms, conditions and specifications established in this Request for Bid, the County reserves the right to cancel the contract upon thirty (30) days written notice to the Contractor.

3.18. Warranty

The Contractor shall provide a warranty for all workmanship and materials for a period of two (2) year. Warranty will begin from the date of final acceptance.

3.19. Liquidated Damages

The Contractor shall be assessed Liquidated Damages (LD) of \$100.00 for each day past final completion date set by the Contract.

Project View Count

227

Vendor Funnel

 Followers	8
 Downloaders	15
 Applicants	1
 No Bids	0
 Submissions	1

▼ Vendors

Vendor	Followed	Downloaded	Applied	No Bid	Submitted
ADT Commercial No Reviews <i>jamesyates@adt.com</i>	✓	✓			
Birdi Systems Inc. No Reviews <i>bids@birdi-inc.com</i>	✓	✓			
Construct Connect No Reviews <i>john.fermiza@constructconnect.com</i>	✓	✓			
Florida Surety Bonds, Inc. No Reviews <i>kim@floridasuretybonds.com</i>	✓				
LenelS2 <i>jeremy.fromm@carrier.com</i>	✓	✓			
Mid State Builders Exchange Inc No Reviews <i>hugh@bxplanroom.com</i>	✓	✓			
Miller Electric Company No Reviews <i>tbartmess@mecojax.com</i>	✓	✓	✓		✓
Network Cabling Services, Inc. <i>fstafford@ncscabbling.com</i>		✓			
PWXPress No Reviews <i>bids@pwypress.com</i>		✓			
Prime Vendor Inc. No Reviews <i>primevendor124@gmail.com</i>		✓			
QTO SOLUTIONS <i>abdul@qtosol.com</i>		✓			

R. H. Moore & Associates, Inc. <i>jadon@rhmooreassociates.com</i>	No Reviews	✓			
Source Management <i>sourcemanagement@deltek.com</i>	No Reviews	✓			
VendorLink, LLC <i>bids@evendorlink.com</i>		✓			
Visual Infomedia <i>techzone@visualinfomedia.com</i>		✓	✓		
eRepublic, Inc. <i>mlamoreaux@erepublic.com</i>		✓			

