

## 4.0 SPECIAL CONDITIONS AND SPECIFICATIONS

4.1 Authorization: By order of the Commissioners' Court of Collin County, Texas sealed bids will be received for Detention Center Slider Door Replacement.

4.2 Purpose: The intended use/purpose for this Invitation For Bid is to describe removal of existing storefront slider doors in the Collin County Detention Center Sally Port and installation of a new detention grade motorized slider door equivalent to existing doors in the facility.

4.3 Pre-Bid Site-Walk: A mandatory pre-bid site-walk will be held at 2:00 PM on Monday, August 8, 2016 at the Collin County Detention Center Lobby, 4300 Community Ave., McKinney, TX 75071. All prospective bidders are requested to have a representative present. It is the bidder's responsibility to review the site and documents to gain a full understanding of the requirements of the bid. Once the pre-bid site-walk has begun, late arrivals will not be allowed to join. A sign in sheet will be provided at the meeting by the Purchasing Representative. This sign-in sheet will be the official record of attendance at the meeting.

The County will hold a second pre-bid site-walk at 2:00 PM on Thursday, August 25, 2016 at the Collin County Detention Center Lobby, 4300 Community Ave., McKinney, TX 75069. All prospective bidders shall have a representative present at a minimum of one pre-bid site-walk. A sign in sheet will be provided at the meeting by the Purchasing Representative. This sign-in sheet will be the official record of attendance at the meeting.

The county will hold a third pre-bid site-walk at 2:00 PM on Thursday, September 8, 2016 at the Collin County Detention Center Lobby, 4300 Community Ave., McKinney, TX 75069. All prospective bidders shall have a representative present at a minimum of one pre-bid site-walk. A sign in sheet will be provided at the meeting by the Purchasing Representative. This sign-in sheet will be the official record of attendance at the meeting.

4.4 Term: Provide for a contract commencing on the date of the award and continuing until the project is complete.

4.5 Funding: Funds for payment for Collin County expenditures have been provided through the Collin County budget approved by the Commissioners' Court for this fiscal year only. All other participating entities expenditures have been provided through their entity's governing body for this fiscal year only. State of Texas statutes prohibit any obligation of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that arise past the end of the current fiscal year shall be subject to budget approval.

4.6 Price Reduction: If during the life of the contract, the vendor's net prices to its customers for the same product(s) and/or services shall be reduced below the contracted price, it is understood and agreed that Collin County shall receive such price reduction.

4.7 Delivery/Completion/Response Time: Vendor shall state the number of calendar days to complete services at the County's designated location after receipt of purchase order in the space provided on Attribute 1.

4.8 Delivery/Setup/Installation Locations: Locations for delivery and installation are Collin County Detention Center, 4300 Community Ave., McKinney, TX 75071. Delivery, assembly, set-up and installation shall be included in the bid price.

4.9 Testing: Testing may be performed at the request of Collin County, by an agent so designated by the County, without expense to Collin County.

4.10 Samples/Demos: When requested, samples/demos shall be furnished to the County at no expense.

4.11 Approximate Expenditure: The approximate expenditure by Collin County for this project is \$85,000. Estimated expenditure does not constitute an order, but only implies the probable quantity the County will use. Commodities will be ordered on an as-needed basis.

4.12 Warranties: If within one year after final acceptance of the work by Collin County, any of the work or material is found to be defective or not in accordance with the specifications of the contract, the contractor shall correct it promptly after receipt of a written notice from the County to do so. This obligation shall survive termination or completion of the contract. The County shall give such notice promptly after discovery of the condition.

The contractor shall remove from the site all portions of the work which are defective or nonconforming and which have not been corrected unless removal is waived in writing by the County.

4.13 Subcontractors: Bidder shall state names of all subcontractors and the type of work they will be performing on Attribute 4. If a bidder fails to specify a subcontractor, then he shall be deemed to have agreed that he is fully qualified to perform the contract himself, and that he will fully perform the contract himself.

No bidder whose bid is accepted shall (a) substitute any subcontractor, or (b) permit a subcontract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original subcontractor listed in the original bid without approval in writing from the Collin County Purchasing Department.

The successful bidder further agrees that Collin County and its agents, servants and employees shall not be liable for any loss or damage resulting from personal injury, physical loss, harassment of or discrimination against employee or other violations of the provisions of this contract occasioned by the acts or omissions of the successful bidder's sub-contractors, their agents or employees. The indemnification provisions of this contract shall apply to all sub-contractors.

4.14 Bonds: In accordance with V.T.C.A. 2253.021, a governmental agency that makes a public work contract with a prime contractor shall require the contractor, before beginning work, to execute to the governmental entity a Payment Bond if the contract is in excess of \$25,000.00 and a Performance Bond if the contract is in excess of \$100,000. Such bond shall be in the amount of the contract payable to the governmental entity and must be executed by a corporate surety in accordance with Section 1, Chapter 87, Acts of the 56<sup>th</sup> Legislature, Regular Session, 1959 (Article 7.19-1 Vernon's Texas Insurance Code).

4.15 Wage Scale: In accordance with The Texas Government Code, Title 10, Chapter 2258, Prevailing Wage Rates, the general prevailing wage rate has been determined for this locality for the craft or type of workman needed to execute work of a similar character of the project listed herein. The Contractor shall pay the prevailing wage rate in this locality to all his/her employees and subcontractors performing work on this project, and in no event shall the Contractor pay less than the rate shown in the following schedule. Reference Attachment A for current prevailing wage rates.

4.16 Bid Documents: Contractor shall notify Collin County prior to bid if the bid documents are missing scope, incomplete or are contrary to actual site conditions.

4.17 Execution of Contract: The person or persons, partnership, company, firm, association or corporation to whom a contract is awarded shall within ten (10) consecutive calendar days after such award, sign the necessary contract agreements and submit the required bonds entering into the required Contract with Owner. No contract shall be binding on Owner until it has been executed by Owner or his/her duly authorized representative, and delivered to the Contractor.

4.18 Substitutions: Bidders submitting a bid for all non-specified manufacturers shall submit a Product Substitution Request Form along with supporting documentation to email address [jgriffin@co.collin.tx.us](mailto:jgriffin@co.collin.tx.us) no later than fourteen (14) days prior to bid opening for review and written pre-approval. All bids for non-specified manufacturers submitted without prior approval may be rejected.

4.19 Project Requirements and Clarifications:

4.19.1 Contractor shall obtain all required permits from the authority having jurisdiction (AHJ). Cost for all required permits shall be included in the bid price.

4.19.2 Bidders are responsible for field verification of actual site conditions, dimensions, demolition requirements; access to building, glass requirements, frame, verify the required anchoring to substrate, ~~conduit and wiring pathways, detention controls and surveillance equipment port availability, integration and programming~~ requirements prior to submitting a bid. Equipment stated in this specification is provided for bidding proposes only and is not intended to be a project materials list.

4.19.3 Contractor shall have five (5) years minimum experience installing detention doors and controls equipment.

4.19.4 Contractor shall be licensed by the Texas Department of Public Safety as a security installer.

4.19.5 All screws, anchors, sealants and fasteners shall be detention grade to match the existing finishes.

4.19.6 Once awarded the contract, mandatory background checks will be performed by Collin County and required for all persons who will work onsite.

4.19.7 This project requires a fulltime escort by a Facilities Technician or Detention Office while working onsite.

4.19.8 Contractor is responsible for returning all removed equipment to owner by written transmittal. All equipment that is removed is the property of Collin County.

4.19.9 Collin County shall not be responsible for contractor equipment/materials, onsite security or personnel safety.

4.19.10 Contractor shall have the ability to respond onsite to warranty or service request within four (4) hours of the initial notification from the County.

4.19.11 Contractor shall keep work area clean and accessible at all times. Contractor shall be responsible for removing and hauling away all trash and removed materials daily. Contractor shall not use County dumpsters.

4.19.12 All work shall be scheduled with the following time and day restrictions for the required escorts: Monday through Friday from 7:00 AM to 4:00 PM (With one hour mandatory lunch break). All required work shall be completed during normal business hours.

4.19.13 Onsite storage and office space will not be available to the Contractor.

4.19.14 Collin County employees shall not sign for or be responsible for material/equipment that is drop-shipped to the job site by the contractor.

4.19.15 Contractor shall provide a foreman level technician onsite during the course of this installation to ensure the equipment is being installed per the bid documents, installed to the manufactures requirements and to ensure quality control of the installation.

4.19.16 All materials and equipment shall be installed per the manufacturer's recommendations and installed to all local code requirements and Texas Jail Standards.

4.19.17 Contractor shall complete a hot work permit daily if grinding, cutting or welding inside the detention facility.

4.19.18 Contractor shall provide a temporary construction barrier to secure the opening; chain link fencing or plywood wall with construction access door with signage to direct traffic to the north entry Detention Center door.

4.19.19 Bidder shall provide a schedule for the project with the bid.

4.20 Scope: Collin County is requesting the installation of one new detention grade motorized slider door system equal to existing slider doors in the Detention Center (refer to Attachment E-Picture of Example Slider Door). Project shall include removal of the existing storefront slider door system in the Detention Center Sally Port; provide and install one (1) new detention grade slider door with one (1) detention grade storefront system ~~and integrate door controls to existing detention control system; provide and install two (2) cameras and two (2) intercom stations and integrate cameras and intercom to existing detention control systems.~~ Successful Contractor shall provide all equipment, parts, labor, engineering, ~~programming~~ and permits required to result in a fully functional detention grade slider door system per the following specifications.

4.21 Specifications:

4.21.1 Existing storefront slider door system size: approximately ten (10) feet, eight (8) inches wide by eight (8) feet, three (3) inches tall (refer to Attachment B-Picture of Existing Storefront Slider Door).

4.21.2 Door Operation: Slider door shall operate automatically to allow free entry and exit by surface mounted sensors. ~~Door operation shall also be integrated with existing Touchscreen controls allowing building control operator to bypass automatic sensors and control open/close functions as a standard detention door.~~

4.21.3 Detention Door/Frame/Glass shall meet the minimum specifications set forth in Attachment C-Steel Door Industries, Inc., or Collin County approved equal, as originally installed in the facility and Attachment D-Detention Door/Frame Elevations.

4.21.4 Slider Door Operator and Lock: Folger Adam Type D5B (type door up to 450 pounds), or Collin County approved equal. Refer to Attachment H-Door Operator Specifications.

4.21.4.1 Locking System

4.21.4.2 Drive System Type: Roller chain (#41 size)

4.21.4.3 Motor: 120 VAC, 1/10 horsepower

4.21.4.4 Hanger Guides: One-quarter (1/4) inch thick

4.21.4.5 Roller Studs: High alloy steel with self-locking nut.

4.21.4.6 Finish: USP

4.21.4.7 Mechanical Housing: Seven (7) gauge steel.

- 4.21.4.8 Mechanical Housing Cover: Ten (10) gauge steel.
- 4.21.4.9 Vertical Lock Column Housing: Seven (7) gauge steel.
- 4.21.4.10 Vertical Lock Column Cover: Ten (10) gauge steel.
- 4.21.4.11 Mechanical Release Column: Ten (10) gauge steel
- 4.21.4.12 Front Receiver: Ten (10) gauge steel
- 4.21.4.13 Indicator Switch
- 4.21.4.14 Remote Locking and Unlocking
- 4.21.4.15 Automatic Locks
- 4.21.4.16 Emergency manual unlocking and operation; hand crank with keyed access cover (paracentric key).
- 4.21.4.17 Electronic key override to reverse the door electronically.
- 4.21.4.18 Five (5) additional keys per lock (ten (10) total).
- 4.21.4.19 Keying information shall be provided at the time of award.

#### ~~4.21.5 Cameras:~~

~~4.21.5.1 Quantity two (2) each, Bosch fixed dome, model 9000 IR VCN-9095 F121 IR vandal resistant, corner mount (one interior and one exterior) and high voltage as required for a complete installation. Refer to Attachment F Camera Specifications.~~

~~4.21.5.2 The County requires that the manufacturer of the surveillance system cameras shall be Bosch with no substitutions allowed.~~

~~4.21.5.3 Integrate with existing building surveillance system and touchscreen detention controls.~~

#### ~~4.21.6 Intercom Stations:~~

~~4.21.6.1 Quantity two (2) each, Quam CIS4 Series, or Collin County approved equal (one interior and one exterior) mounted in two (2) gang box. Refer to Attachment G Intercom Specifications.~~

~~4.21.6.2 Provide and install required conduit and low and high voltage wiring for integration with the existing detention control systems.~~

~~4.21.6.3 Integrate with existing Dukane intercom system interface.~~

4.21.7 Paint all steel, exposed conduits and boxes. Steel shall be painted with a primer coat and finished with two (2) coats of epoxy paint to match the existing detention frames. Submit paint color to owner for approval.

4.21.8 Provide and install vinyl signage to match existing size. Owner shall provide color.

4.21.8.1 Provide and install signage on the door below the glass to read: "AUTHORIZED PERSONNEL ONLY".

4.21.8.2 Provide and install signage on the glass to read: "NO WEAPONS, AMMUNITION OR CHEMICAL AGENTS ALLOWED BEYOND THIS POINT".

~~4.22 Integration: Integration of new detention slider door functions, new intercoms and new cameras with existing detention control systems and camera matrix system shall be performed by Argyle Security. Successful contractor shall sub-contract with Argyle Security.~~

~~4.22.1 Reconfigure maps on three (3) existing touchscreen workstations. These three stations will require detention control icons with the functions to match existing detention slider doors in the facility with the additional unique function to override the free egress functions.~~

~~4.22.1.1 Lock Icon Function: Override free ingress and egress; lock and unlock.~~

~~4.22.1.2 Intercom Icon Function: Activated icon shall activate audio and call up associated camera to spot monitor. Deactivate icon will mute intercom.~~

4.23 Submittals: Successful contractor shall provide the following submittals for the project records:

4.23.1 Shop drawings to show dimensions and elevations

4.23.2 Door and glass schedule with all gauge, grade and size information

4.23.3 Specifications for locking mechanisms, equipment and accessories.

~~4.23.4 Termination schematics for the detention door controls, intercoms and surveillance camera system integration.~~