

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 Juvenile Detention Door Repairs.

4.2 Purpose: The intended use/purpose for this Invitation For Bid is to describe Juvenile Detention Door Repairs.

4.3 Pre-Bid Conference: A mandatory pre-bid conference will be held at 10:00 AM, February 18, 2015 at the Collin County Juvenile Detention Facility located at 4700 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 conference has begun, late arrivals will not be allowed to join the conference.

4.4 Term: Provide for a term contract commencing on the date of the award and continuing until September 30, 2015.

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: Bidder shall state the number of calendar days to complete the initial project at the County's designated location after receipt of purchase order in the space provided on the Company Profile and Signature Form. Bidder shall state completion time for any additional door frame repairs or door hinge replacement required after the initial project has been completed on bid item 01-05.

4.8 Delivery/Setup/Installation Locations: Locations for delivery and installation are Collin County Juvenile Detention Facility, 4700 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 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.

4.12 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 shall be executed by a corporate surety in accordance with Section 1, Chapter 87, Acts of the 56th Legislature, Regular Session, 1959 (Article 7.19-1 Vernon's Texas Insurance Code).

4.13 Approximate Usage: There are one hundred forty-six (146) total detention cell doors in the Juvenile Detention Center. ~~Collin County anticipates that~~ The initial project will consist of: repair of twenty-six (26) detention cell door frames (13 pairs); replacement of hinges on twenty (20) detention cell doors; removal of ~~approximately~~ one hundred fifty (150) floor mounted door stops. Additional repairs will be ordered on an as-needed basis.

IFB will be evaluated based on the following quantities:

- 1) ~~13 pairs detention cell door frames~~
- 2) ~~20 each doors replacement hinges~~
- 3) ~~150 each removal of door stops~~

Total cost of the Initial Project

Approximate usage does not constitute an order, but only implies the probable quantity the County will use.

4.14 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 Vendor 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 Vendor 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.

4.15 Contract Requirements and Clarifications:

4.15.1 The staging for the initial project will take place per each POD one at a time, from start to completion. Once a POD is completed, work on the next POD can begin two (2) days later. Repeat this process until the initial project is completed.

4.15.2 Contractor is responsible for all field verification of actual site conditions and dimensions ~~such as concrete blocks to be removed and replaced~~, length of anchor ~~plates~~, measure areas that require sealant and paint mentioned in this scope. Items listed in this request are provided for bidding proposes only and are

not intended to be a materials list. The contractor is responsible for verification of scope prior to bid.

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

4.15.4 Once awarded the contract, a mandatory background check performed by Collin County will be required for all persons who will work onsite.

4.15.5 A fulltime escort by a Facilities Technician or Detention Officer shall be required while contractor is working onsite.

4.15.6 County will provide paint codes and manufacturer for the contractor to purchase the paint.

4.15.7 Contractor shall not have onsite storage or office space available.

4.15.8 Contractor shall be responsible for removing and hauling away all trash and removed materials daily. Contractor shall not use County dumpsters.

4.15.9 Contractor shall provide a schedule for the initial project with the bid.

4.15.10 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 break).

4.15.11 All areas where work is performed shall be cleaned to the previous condition.

4.15.12 This contract requires **demolition**, welding, **masonry** and painting in a detention environment.

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

4.16 Specifications

4.16.1 Detention cell door frame repair:

4.16.1.1 Remove doors from holding cells. See Attachment A-1 for existing door frame and anchor details.

~~4.16.1.2 Remove up to six (6) masonry blocks between the holding cell frames (as required).~~

~~4.16.1.3 Remove concrete debris from the door frames where concrete blocks were removed. Haul all removed concrete and masonry debris offsite.~~

4.16.1.4 Tack weld a temporary spreader plate between each door frame to get the required opening for the door to fit per manufactures requirements and ensure the frame is set square with equal margins.

~~4.16.1.5 Use two (2), one half (1/2) inch by four (4) inch anchors set with epoxy to set a flat stock, three eighths (3/8) inch by three (3) inch by (length in between the two frames) plate with two (2), three (3) inch, ninety (90) degree bends so each three (3) inch return can be welded vertical to the center of each door frame. Reference Attachment A-2 for anchor plate detail. Provide a seven (7) gauge steel plate, same height as the door frame, with a three (3) inch flat plate to be anchored by two (2) epoxy anchors to the concrete floor; the steel plate will be four (4) inches wider than the span between the two door frames to lap each frame two (2) inches; stitch weld the steel plate to each side of the two frames and then add three (3) horizontal anchors from the center of the steel plate at each hinge; epoxy the anchor into the masonry block partition wall behind the center of the door frames; fill the five (5) anchor holes and grind the surface smooth; prep and paint the steel to match the door frame color. Reference Attachment A-5 for detail.~~

~~4.16.1.6 Install new masonry blocks to fill the area where masonry blocks were previously removed.~~

~~4.16.1.7 Install backer rod between the door frame and masonry; grout fill the void in between the door frames. Allow the grout time to cure per manufacture requirements then remove the temporary spreader plate.~~

~~4.16.1.8 Paint the masonry block to match the existing wall to the top of the door frame, touch up paint on the door frame and install sealant between the frame and the new masonry block. Repair caulking around each frame and paint the door frames to match the existing frames. Touch up wall paint around frames as required.~~

4.16.1.9 Re-install existing doors with three (3) new contractor provided hinges per door to match existing finishes and specifications. Reference Attachment A-3 for hinge specifications.

~~4.16.1.10 Removal of masonry blocks between holding cell frames will involve the cell door frames on either side. Repair of detention cell door frames shall be performed on adjacent door frames concurrently.~~

4.16.1.11 Bidder shall state price for the repair of two (2) cell door frames on bid item 01-01.

4.16.2 Detention cell door hinge replacement:

4.16.2.1 Remove existing hinges and replace with three (3) new contractor provided hinges per door to match existing finishes and

specifications. Doors shall remain in place during hinge replacement. Reference Attachment A-3 for hinge specifications.

4.16.3 Door stop removal:

4.16.3.1 Remove existing floor mounted door stops and seal holes with detention grade gray sealant. Reference Attachment A-4 for existing door stop specifications.

4.16.4 Trip charge:

4.16.4.1 After work has been completed on the initial project, additional doors frame repairs, **removal of additional door stops** and/or hinge replacement may be ordered on an as needed basis. Bidder shall state any applicable trip charges for additional door frame repairs, **door stop removal** or door hinge replacement on bid item 01-04.

4.16.5 Initial Project:

4.16.5.1 The initial project shall consist of: repair of twenty-six (26) detention cell door frames (13 pairs) per Section 4.16.1; replacement of hinges on twenty (20) detention cell doors per Section 4.16.2; removal of one hundred fifty (150) floor mounted door stops per Section 4.16.3. Bidder shall state a lump sum price to include all materials, labor and trip charges required to complete the initial project on Bid Item 01-06.