

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 IFB 2015-234.

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

4.3 Pre-bid site walk: A mandatory pre-bid site walk will be held at 2:00 PM, August 4, 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 vendor's responsibility to review the site conditions and bid documents to gain a full understanding of the requirements of the project. 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 site walk by the Purchasing Representative. This sign-in sheet will be the official record of attendance at the site walk.

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: Bidder shall state the number of calendar days to complete the project at the County's designated location after receipt of purchase order in the space provided on the Signature Form.

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 Subcontractors: Contractor shall state names of all subcontractors and the type of work they will be performing on Attachment H. If a Contractor 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 Contractor whose quote 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 quote without approval in writing from the Collin County Purchasing Department.

The successful Contractor 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 Contractor's sub-contractors, their agents or employees. The indemnification provisions of this contract shall apply to all sub-contractors.

4.13 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).

4.14 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 G for current prevailing wage rates

4.15 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 within three (3) business days after receipt of a written notice from the County to do so. The County shall give such notice promptly after discovery of the condition. This obligation shall survive termination or completion of the contract.

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.

4.16 Contract Requirements and Clarifications:

4.16.1 The staging for the 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. Repeat this process until the project is complete.

4.16.1.1 The Detention Management will allow contractor to work in one POD and work in another POD to replace hinges.

4.16.2 Contractor is responsible for all field verification of actual site conditions and dimensions, type of epoxy and anchors, verify quantity of areas that require sealant and paint in this scope. Approximate dimensions listed are provided for information purposes only and are not intended to be a materials list. The contractor is responsible for verification of scope, labor and materials prior to bid.

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

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

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

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

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

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

4.16.9 Contractor shall provide a schedule for the project with the bid.

4.16.10 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).

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

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

4.16.13 Contractor shall provide minimum of one foreman level personnel onsite at all times to ensure that contract requirements, project coordination and project quality control are met.

4.16.14 In the two pods that require welding, contractor shall cover the corridor windows with brown paper and cover fire alarms, air supply and air returns.

4.16.15 Contractor shall complete a hot permit each day when welding.

4.16.16 A tool list shall be required each time contractor enters the facility. A job box may be left onsite if the box can be locked.

4.17 Scope: The project shall consist of: repair of seven (7) detention cell door frames per Section 4.18.1; replacement of three hundred seventy-seven (377) hinges on additional detention cell doors per Section 4.18.2; removal of ~~one hundred fifty (150)~~ **one hundred fifty-six (156)** floor mounted door stops per Section 4.18.3. Reference Attachment D for door locations. Vendor shall state a lump sum price to include all labor and materials required to complete the project on Bid Item 01-01.

4.18 Specifications:

4.18.1 Detention cell door frame repair:

4.18.1.1 Remove doors from holding cells. Reference Attachment A for existing door frame and anchor details.

4.18.1.2 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.

4.18.1.3 Vendor shall 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 and top of the two frames; 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; weld fill the five (5) anchor holes and grind the surface smooth; prep and paint the steel to match the door frame color. Reference Attachment E for specifications. Anchor epoxy specification clarification: use Hilti HY 70 epoxy for concrete substrates and Hilti HY 200 epoxy for CMU substrates, or Collin County approved equal, and apply per manufacturer's recommendations.

4.18.1.4 Repair caulking around each frame and paint the doors and frames to match the existing finishes. Touch up wall paint around frames as required and protect the existing flooring with protective covering.

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

4.18.2 Detention cell door hinge replacement:

4.18.2.1 Provide labor and materials to remove and replace three hundred seventy-seven (377) existing hinges on various doors in Clusters Two,

Three, Four and the kitchen entry door. Replacement hinges shall match existing hardware and finishes per the attached specifications. Reference Attachment B.

4.18.2.2 Contractor may use the existing screws. If the screws have any damage after the replacement, contractor shall replace damaged screws.

4.18.2.3 Any existing shims shall be put back in place.

4.18.3 Door stop removal:

4.18.3.1 Remove ~~one hundred and fifty (150)~~ one hundred fifty-six (156) existing floor mounted door stops throughout the facility and seal holes with detention grade gray sealant. Reference Attachment C for existing door stop specifications. ~~Please Note; Door stops located on VCT shall require the tile to be removed, door stop to be cut off below the tile at the concrete substrate level and the tile will need to be replaced with the identical tile. The contractor is required to verify the number of tiles to be replaced in this scope.~~

4.18.3.2 When cutting off door stops, ensure the surface is smooth. If the surface has a void, contractor shall fill with detention grade sealant or epoxy.

4.19 Option One: Remove and Replace Door, Frame and Hardware:

4.19.1 Remove one door, door frame and hardware and replace with all new equal materials and paint to match the existing at the South Entry Break Room (Door #130 A). Reference Attachment F for specifications. Bidder shall state lump sum price for all labor and materials required to complete Option One on Bid Item 01-02.

4.19.2 Contractor shall remove and reinstall the existing lock cylinder.