

#### **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 Concrete Joint and Crack Repairs at Various County Buildings.

4.2 Purpose: The intended use/purpose for this Invitation for Bid is for Concrete Joint and Crack Repairs at Various County Buildings. This project requires replacement of existing expansion and control joint material and repair of random cracks in concrete parking lots and walkways. The project will be awarded to the contractor providing the lowest and best bid meeting specifications.

4.3 Pre-Bid Conference: A mandatory pre-bid conference will be held on April 18, 2017 at 2:00 PM. The location of the pre-bid conference will be at the Collin County Central Plant, 2<sup>nd</sup> Floor Conference Room, 4600 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. 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.

An optional pre-bid site walk will be held on Monday, May 1, 2017 at 2:00. The location of the pre-bid site walk will be at the Collin County Courthouse, 2100 Bloomdale Rd., McKinney, TX 75071.

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

4.5 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.

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

4.7 Delivery/Installation Locations: Collin County Courthouse, 2100 Bloomdale Ave., McKinney, TX 75071; Administration Building, 2300 Bloomdale Ave., McKinney, TX 75071; Central Plant, 4600 Community Ave., McKinney, TX 75071 and Juvenile Justice Alternative Education Program (JJAEP) Building, 4690 Community Ave., McKinney, TX 75071.

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

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

4.10 Approximate Expenditure: The approximate expenditure by Collin County for this project is \$45,000. Approximate expenditure does not constitute an order, but only implies the probable quantity the County will use.

4.11 Subcontractors: Contractor shall state names of all subcontractors and the type of work they will be performing on Attribute 4. 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 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 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 subcontractors, their agents or employees. The indemnification provisions of this contract shall apply to all subcontractors.

4.12 Substitutions: All brand name materials in the following Scope of Work/Specifications is provided for descriptive purposes only. Collin County will consider equal brand materials. 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 seven (7) days prior to bid opening for review and written pre-approval. All bids for non-specified manufacturers submitted without prior approval may be rejected.

4.13 Warranties: If within one (1) 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.

If any materials or equipment utilized in this project are covered by a standard manufacturer's warranty greater than requirements specified herein, Contractor shall extend that coverage to Collin County.

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.

4.14 Scope: Collin County is requesting repair of existing expansion and control joints and repair/sealing of random cracks in concrete parking/driveway areas and walkways at various County facilities that meets at least the minimum specifications set forth below. The work shall consist of repairing existing joints and repairing random cracks to include, but not limited to saw cutting, joint removal, joint preparation and placement of backer rod and sealant as required.

4.15 Project Requirements and Clarifications:

4.15.1 Bidder is responsible for verifying actual dimensions, site conditions and materials required to complete the project.

4.15.2 Collin County shall not be responsible for contractor equipment or materials stored onsite.

4.15.3 Contractor shall furnish all labor, materials, equipment, tools, machinery and incidentals required to complete the project.

4.15.4 Contractor shall be responsible for removal and disposal of all trash and removed materials. Contractor shall not use County dumpsters.

4.15.5 Contractor shall dispose of all debris and old sealant in accordance with any and all applicable local, state, and federal laws and regulations.

4.15.6 Contractor shall be responsible for all associated costs for removal and disposal of removed materials.

4.15.7 All work at Collin County Courthouse and JJAEP shall be performed after regular Collin County business hours, Monday-Friday from 6:00 AM to 5:00 PM or on weekends from 7:00 AM to 6:00 PM.

4.15.8 All work at Central Plant and Administration Building shall be performed during regular Collin County business hours, Monday-Friday from 8:00 AM to 5:00 PM.

4.15.9 All work shall be scheduled through Facilities maintenance one (1) week in advance.

4.15.10 Contractor shall provide adequate traffic control measures, such as barricades, cones, etc., to protect the uncured sealant from vehicular or pedestrian traffic and provide safety in the construction area.

4.16 Specifications:

4.16.1 Remove and Replace: Concrete Expansion/Control Joints

4.16.1.1 Remove all existing joint material

4.16.1.2 Joint cavity shall be thoroughly cleaned, removing all existing material, soil, dust, debris, oil, grease or other foreign matter according to sealant manufacturer's recommendations.

4.16.1.3 Joint shall be air-blast cleaned prior to installing sealant.

4.16.1.4 Install Sikaflex-1c SL sealant, or Collin County approved equal, according to manufacturer's recommendations.

#### 4.16.2 Random Crack Repair

4.16.2.1 Repair shall be performed on random concrete cracks one-sixteenth (1/16) inch or greater in width.

4.16.2.2 Random cracks shall be prepared for the installation of sealant by chasing/routing.

4.16.2.3 The resulting groove shall be thoroughly cleaned, removing all dust, debris, oil, grease or other foreign matter according to sealant manufacturer's recommendations.

4.16.2.4 Groove shall be air-blast cleaned prior to installing sealant.

4.16.2.5 Install Sikaflex-1c SL sealant, or Collin County approved equal, according to manufacturer's recommendations.

4.16.2.6 Due to seasonal changes in concrete conditions, total actual linear feet of random cracks to be repaired shall be determined prior to project start date. Final determination of cracks requiring repair shall be at the discretion of Collin County Facilities Maintenance.

#### 4.16.3 Clean and Seal Unsealed Control Joints/Curb Face/Curb Top

4.16.3.1 Existing control joints, curb faces and curb tops where joints were cut but never sealed shall be thoroughly cleaned, removing all soil, dust, debris, oil, grease or other foreign matter according to sealant manufacturer's recommendations.

4.16.3.2 Joint shall be air-blast cleaned prior to installing sealant.

4.16.3.3 Install Sikaflex-1c SL sealant, **Sikaflex 1a+** or Collin County approved equal, according to manufacturer's recommendations.

#### 4.16.4 Remove & Replace Expansion Joints on Courthouse Steps

4.16.4.1 Remove and Replace all expansion joints on Courthouse steps including joints at each end and joints at center of the steps.

4.16.4.2 Joint cavity shall be thoroughly cleaned, removing all existing material, soil, dust, debris, oil, grease or other foreign matter according to sealant manufacturer's recommendations.

4.16.4.3 Joint shall be air-blast cleaned prior to installing sealant.

4.16.4.4 Where step tread nosing covers expansion joints, contractor shall remove existing nosing, remove and replace expansion joint and re-install existing nosing.

4.16.4.5 Install Sikaflex-1c SL sealant or Sikaflex 1a+ according to manufacturer's recommendations.

#### 4.17 Site Locations/Quantities

##### 4.17.1 Courthouse

4.17.1.1 Remove and Replace approximately one thousand, six hundred ten (1610) linear feet of existing expansion joints.

4.17.1.2 Remove and Replace approximately ~~one hundred fifty two (152)~~ **one hundred twenty (120)** linear feet of expansion joints on front steps.

4.17.1.3 Refer to Attachment A for location of area concerned.

4.17.1.4 All work shall be performed after regular business hours.

##### 4.17.2 Administration Building

4.17.2.1 Repair approximately one thousand, four hundred twenty-five (1425) linear feet of random cracks in driveway and parking area.

4.17.2.2 Refer to Attachment B for location of area concerned.

4.17.2.3 All work shall be performed during regular business hours.

##### 4.17.3 Central Plant

4.17.3.1 Remove and replace approximately six thousand, two hundred seventy-two (6272) linear feet of control joints in parking and driveway areas.

4.17.3.2 Remove and replace approximately two thousand, two hundred seventy-three (2273) linear feet of expansion joints in parking and driveway areas.

4.17.3.3 Refer to Attachment C for location of area concerned.

4.17.3.4 All work shall be performed during regular business hours.

##### 4.17.4 JJAEP

4.17.4.1 Remove and replace approximately nine hundred ninety-four (994) linear feet of existing expansion joints

4.17.4.2 Repair approximately one thousand, five hundred sixty-four (1564) linear feet of random cracks in drive and parking areas.

4.17.4.3 Clean and seal approximately three-thousand, four hundred sixty (3460) linear feet of control joints on south end of east upper lot where joints were cut but never sealed.

4.17.4.4 Clean and Seal approximately four hundred ten (410) linear feet of curb face and top where joints were cut but never sealed.

4.17.4.5 Refer to Attachment D for location of area concerned.

4.17.4.6 All work shall be performed after regular business hours.

#### 4.18 Measurement

4.18.1 The quantity for repaired joints and random cracks shall be determined to the nearest linear foot.

#### 4.19 Payment

4.19.1 The work performed and the materials furnished in accordance with this contract and measured as provided under "Measurement" shall be paid for at the unit price awarded for type of joint repair performed during the working hours specified. This price is full compensation for furnishing and installing all labor, materials, equipment, tools, machinery and incidentals.