



COLLIN COUNTY

Office of the Purchasing Agent
2300 Bloomdale Road
Suite 3160
McKinney, Texas 75071
www.collincountytx.gov

ADDENDUM NO. FOUR (4)

HOST NEUTRAL DISTRIBUTED ANTENNA SYSTEM

IFB NO. 2020-321

Effective: August 10, 2020

Remove the following:

Specifications – Final-Addendum No. 1

Add the following:

Specifications – Final- Addendum No. 4 (changes in red)

Exhibit A-1 CH_1st floor (003)_Redacted – highlighted no coverage needed

Exhibit B-1 CH_2nd floor (002)_Redacted – highlighted no coverage needed

Exhibit C-1 CH_3rd floor (003)_Redacted – highlighted no coverage needed

Exhibit D-1 CH_lower level_Redacted – highlighted no coverage needed

Exhibit G-2 Bloomdale Addition 1st level – highlighted no coverage needed

Exhibit H-2 Bloomdale Addition Lower level – highlighted no coverage needed

Payment Bond

Please note all other terms, conditions, specifications drawings, etc. Remain unchanged.

Sincerely,

Michalyn Rains CPPO, CPPB

Purchasing Agent

FLOOR PLAN EXHIBITS ON FILE IN COLLIN
COUNTY PURCHASING OFFICE.

4.0 SPECIAL CONDITIONS AND SCOPE OF SERVICES

- 4.1 Authorization: By order of the Commissioners' Court of Collin County, Texas sealed bids will be received for **Host Neutral Distributed Antenna System**.
- 4.2 Intent of Invitation for Bid: Collin County's intent of this Invitation for Bid (IFB) and resulting contract is to provide contractors with sufficient information to prepare a bid for a Host Neutral Distributed Antenna System Contractors. All equipment must be new (no used or refurbished equipment should be quoted).
- 4.3 Term: Provide for a term contract commencing on the date of the award and continuing until project is complete. County will enter into an annual maintenance for one (1) year with the option of four (4) annual renewals.
- 4.4 Pre-Bid Conference: A pre-bid conference will be conducted online by Collin County on Monday, July 27, 2020 at 3:00 pm. Please send email to purchasing@co.collin.tx.us and enter **2020-321 Host Neutral Distributed Antenna System** in the subject line and include your company name and email address so that we may send you a link to attend. Vendors are welcome to visit public areas on their own, but if you would like to see the site please sign up by sending an email to purchasing@co.collin.tx.us with **2020-321 Host Neutral Distributed Antenna System** in the subject line. You can sign up for 1:00 pm, Tuesday, July 28, 2020 or 3:00 pm, Tuesday, July 28, 2020. There will be 8 spots available for each time. Meeting location will be given in confirmation email. It is the contractor's responsibility to review the site and documents to gain a full understanding of the requirements of the IFB. All contractors desiring to submit a bid are encouraged to have a representative at the pre-bid conference.
- 4.5 Point of Contact: Information regarding the procurement process and the contents of this IFB may be obtained from the Collin County Purchasing Department or email shoglund@co.collin.tx.us, Sara Hogle, Senior Buyer.
- 4.6 ~~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 arise past the end of the current Collin County fiscal year shall be subject to budget approval.~~ **Funds for payment have been provided through the CARES ACT grant. The County shall receive a final itemized invoice for the items purchased no later than 5:00 p.m. on Tuesday, December 1 2020. No exceptions will be allowed.**
- 4.7 Price Reduction: If during the life of the contract, the contractor'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 the County shall receive such price reduction.
- 4.8 Completion/Response Time: Contractor shall place product(s) and/or complete services at the County's designated location ~~according to the schedule proposed by contractor in Section 6.4.~~ **by November 30, 2020. Vendor will state number of days to complete project in Attribute #4 – Delivery.**
- 4.9 Delivery/Setup/Installation Location: Locations for delivery and installation will be stated on the Collin County Purchase Order(s). Delivery shall include assembly, setup and installation and shall be included in bid. The equipment will be delivered to the address identified on the purchase order document.

The equipment will be installed at the following locations:

Bloomdale Courthouse, 2100 Bloomdale Rd, McKinney, TX 75071

- 4.10 Freight/Delivery charges: shall be included in the submitted pricing. No additional fees for delivery/freight/fuel surcharge or other fees shall be invoiced or paid by Collin County.
- 4.11 Testing: Testing may be performed at the request of Collin County, by an agent so designated, without expense to Collin County.
- 4.12 Samples/Demos: When requested, samples/demos shall be furnished free of expense to Collin County.
- 4.13 Approximate Value/Usage: Approximate usage does not constitute an order, but only implies the probable quantity the County will use. Estimated expenditure is \$350,000.
- 4.14 Criminal Background Check: The following Criminal Background Check specifications shall be completed post-award, prior to services being rendered.

All contractor-designated personnel performing work for Collin County to include on-site or remote access will be required to undergo a Criminal Justice Information Services (CJIS) Criminal Background Check. Contractor shall not provide any person, to work at Collin County facilities, who has any felony conviction or misdemeanor conviction(s) involving moral turpitude.

4.14.1 The contractor's personnel shall be defined as an employee and / or sub-contractor.

4.14.2 Contractor shall provide information, including, but not limited to, legal name, date of birth, social security number, driver's license number and E-verify form for each individual who will be performing work for Collin County.

4.14.2.1 The contracting personnel shall need to complete the following via the Texas Department of Public Safety; CJIS Security Addendum, pass and clear a fingerprint based background check and be made aware of the following regulating codes; Contractor Employee Certification, Contractor Employee Reference Documentation CFR, Contractor Employee Reference Documentation NCIC2000 Manual, and Contractor Employee Reference Documentation Texas Government Code.

4.14.2.2 The contracting personnel must receive, completed and passed the online Texas Department of Public Safety "Security Awareness Training".

4.14.3 Personnel who perform work for Collin County must submit to and pass a CJIS Criminal Background Check. All Contractor Personnel must maintain that status for the duration of the contract.

4.14.4 Criminal Background checks conducted by the Contractor for vetting purposes are desired but are not acceptable due to particular requirements. Collin County reserves the right to conduct additional Criminal Background Checks, as it deems necessary.

4.14.5 If the County becomes dissatisfied by any personnel provided by the Contractor, County may upon written notice to Contractor, revoke the Contractor employee's right to work within County facilities.

4.14.6 Failure of the Contractor to supply personnel who pass a CJIS Criminal Background Check could result in termination of the contract.

Note: The CJIS Criminal Background Check applies to the individual and not the Company.

- 4.15 Subcontractors: Contractor shall state names of all subcontractors and the type of work they will be performing. 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 proposal 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 proposal 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.

4.16 **Confidential or Proprietary Information:** Collin County is subject to the Texas “Public Information Act”, Texas Government Code Chapter 552. Contractors shall identify those portions of their proposals that they deem to be confidential, proprietary information or trade secrets. Contractors shall clearly indicate each and every section to which this applies. It is not sufficient to preface the entire proposal with a proprietary statement. State of Texas Attorney General retains the final authority as to the extent of material that is considered proprietary or confidential.

4.17 **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.

4.18 Payment for the work specified herein will be made on the pertinent Purchase Order, after completion and acceptance of required paperwork, at the unit prices specified in the pricing schedule. All signed paperwork should be attached to the Purchase Order upon which payment is being requested. Invoices must be fully documented as to labor and materials provided and must reference the Collin County Purchase Order Number in order to be processed. No payments shall be made on invoices not listing the proper Purchase Order Number and not having signature of the Collin County receiving party on delivery tickets being invoiced.

4.19 PURPOSE/SCOPE OF WORK

Introduction/Background

Collin County is requesting a Host-Neutral distributed antenna system installed at the Collin County Courthouse 2100 Bloomdale Rd. McKinney, TX 75071. The Courthouse at the corner of Bloomdale Rd and U.S.75 encompasses approx. 500,000 sq. feet. Collin County is looking for a system that will provide the best possible coverage throughout the building and will provide access to all the major carriers in the area. There is an existing off-air DAS system installed by AT&T when the Courthouse was built that provides service to only the lower level and the addition on the back of the Courthouse. This system is to be removed and replaced, the existing cabling and antennas may be used, if feasible. The system shall be fully scalable and upgradable. The County desires a turnkey installation, a renewable maintenance contract covering all components and a warranty on all labor for at least one year.

4.20 REQUIREMENTS

4.20.1 General Requirements

- 4.20.1.1 Vendor shall provide a turnkey solution
- 4.20.1.2 Shall perform all work consistent with Industry Best Practices.
- 4.20.1.3 Vendor shall provide a wireless distributed antenna system site survey consisting of recording donor RF signal measurements, collecting spectrum snapshots for all relevant frequency bands, and documenting installation considerations.
- 4.20.1.4 **Awarded Vendor shall create provide an engineering design including a total system equipment layout, RF link budgets, and a complete Bill of Materials necessary to provide at least 95% coverage of the facility and -70dbm RSSI or better. Bill of Materials shall include detailed cost of all equipment, installation, implementation and maintenance costs**
- 4.20.1.5 Vendor shall install all equipment listed in the Bill of Materials according to local code and Collin County specifications.
- 4.20.1.6 Vendor shall commission the system according to manufacturer specifications and verify that RF coverage requirements are met.
- 4.20.1.7 Vendor shall provide a comprehensive close-out package including:
 - 4.20.1.7.1 Complete As-Built Drawings.
 - 4.20.1.7.2 Final Bill of Materials.
 - 4.20.1.7.3 Snapshots of all Repeater and DAS settings
 - 4.20.1.7.4 Signal strength readings using appropriate test devices.
- 4.20.1.8 Vendor shall provide all tools and equipment required to complete the work.
- 4.20.1.9 Vendor shall troubleshoot and resolve any problems that arise as part of this project.
- 4.20.1.10 Any deviations from this design shall be presented in writing by the Vendor to Collin County and the County shall respond in writing.
- 5.20.1.11 All cabling will be installed in such a manner as to be as inconspicuous as possible.
- 4.20.1.12 If a roof penetration is required; the Collin County Facilities Department will review and approve the plan prior to the penetration being started. Once completed, Collin County Facilities Department will inspect and approve the final work.
- 4.20.1.13 Vendor will provide any/all permits, if required.
- 4.20.1.14 Shall include back-up power to support the system for up to one hour.
- 4.20.1.15 Vendor shall coordinate with Collin County IT and/or Collin County Facilities personnel to complete this project.
- 4.20.1.17 Once the notice to proceed is issued and a purchase order in place, the assigned technicians shall be dedicated to the project through completion.
- 4.20.1.18 **Remove existing DAS system.**
- 4.20.1.19 **Fiber can only be used for connection points between floors or IDFs.**
- 4.20.1.20 **at a minimum the following frequencies shall be supported 850, 1900 and 2100.**
- 4.20.1.21 **Scissor lift will be allowed as long as floor protection and proper safety barriers are provided.**
- 4.20.1.22 **County will provide replacement ceiling tiles if necessary.**

4.20.2 TESTING REQUIREMENTS

- 4.20.2.1 Vendor shall collect signal strength and signal quality measurements using appropriate wireless devices and provide to Collin County IT Lead.

4.20.3 MAINTENANCE/WARRANTY/SERVICE RESPONSE REQUIREMENTS

- 4.20.3.1 Shall provide local support for hardware and software.
- 4.20.3.2 Vendor will provide contact information for local service providers.
- 4.20.3.3 One year warranty on labor is required.
- 4.20.3.4 Maintenance contract renewable annually shall be available.

4.20.4 COVERAGE REQUIREMENTS

4.20.4.1 Highlighted areas on the attached drawings Exhibits A-J do not require coverage. These include detention areas and stairways. Restrooms do not require intentional coverage.

4.20.4.2 Penthouse and roof areas do not need coverage.

4.21 Bonding: The Vendor shall post with Owner, not later than ten (10) consecutive calendar days of Collin County Commissioners' Court award of Contract, a Payment Bond in the amount of one hundred percent (100%) of the total contract price in such form as is satisfactory to Owner, in compliance with Chapter 2253 of the Texas Government Code and all other applicable Texas Law, and on the form specified in the Contract Documents. This bond shall be executed by a corporate surety company duly authorized and admitted to do business in the State of Texas and licensed to issue such a bond in the State of Texas. The Contractor shall notify its corporate surety of any Contract changes. (See attached document titled "Payment Bond")

4.22 Documentation to be submitted with bid:

4.22.1 Implementation Plan/Schedule

4.22.2 Design Drawings