

COMMUNITY COLLEGE DISTRICT OF JEFFERSON COUNTY, MISSOURI

REQUEST FOR PROPOSAL: INSTALLATION OF A CELLULAR AMPLIFICATION DISTRIBUTED ANTENNA SYSTEM



RFP # 1903001
Due Date: April 11, 2019
Not later than 2:00 P.M

PRE-PROPOSAL
MEETING:
March 28, 2019, 9:00 A.M.

John Linhorst
Information Technology Analyst
636-481-3192
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Sheree Bell
Director of Purchasing
636-481-3119
sbell6@jeffco.edu

Request for Proposal

Installation of Cellular Amplification
Distributed Antenna System

Community College District of
Jefferson County
1000 Viking Drive
Hillsboro, MO 63050
Fax # (636) 789-4012

RFP # 1903001
March 14, 2019
Closing Date: April 11, 2019
(NOT LATER THAN 2:00 P.M.)

I. GENERAL CONDITIONS

The Community College District of Jefferson County is requesting proposals to Installation of a Wilson Electronics cellular amplification Distributed Antenna System (DAS) solution in the College's Field House building on the Hillsboro campus. Proposals are to be received on or before **2:00 P.M., April 11, 2019**, at the College Business Office, Attention Sheree Bell, Director of Purchasing. Proposals must be sealed in an envelope and clearly marked on the outside in the lower left-hand corner "**Proposal: Installation of Cellular Amplification DAS RFP #1903001**". Failure to comply with this provision of the specification may result in the rejection of the proposal. It is the responsibility of the vendor to confirm the delivery of the proposal at the proper place and time. There will not be exceptions made for proposals delivered late or to the wrong location. **Faxed, emailed, or oral proposals will not be accepted.**

All proposals are to be F.O.B. Jefferson College/prepaid, delivered and be valid for 60 days after closing date. The Community College District of Jefferson County is a public institution and is exempt for all federal, state and local taxes. Do not include any taxes in the quotation. Jefferson College will award to the lowest and best contractor meeting all specifications. Jefferson College reserves the right to reject any or all proposals in whole or in part and waive any informality.

Proposal award will be made on or about May 9, 2019, and order will be placed immediately thereafter. Successful contractor will be notified of the award and order details will be completed.

There will be a mandatory pre-proposal meeting Thursday, March 28, 2019, 9:00 a.m. at the Administration Building, IT conference room on the Hillsboro campus.

II. GENERAL SPECIFICATIONS

- Contractors must specify any deviation in specifications.
- The delivery, staging, and installation schedule shall be at the convenience of the College.

- Proposals must be completed on the form provided.
- Contractors must supply at least three references including name of company, contact person, telephone number and email address.

III. SCOPE OF WORK

A. General Requirements

- Installation of a Wilson Electronics cellular amplification Distributed Antenna System (DAS) solution in the College's Field House building.
- Installation of cable infrastructure to support the Wilson DAS system.
- A parts list for components to be used in this system is detailed under **Section IV. PARTS LIST.**
- A post-installation walkthrough with customer to include an RF survey of 20 points of interest detailed under **Section V. POINTS OF INTEREST.**
- **Building floor plans including points of interest will be available at the mandatory pre-bid meeting, March 28, 2019 at 9:00 a.m.**

B. Wilson Electronics cellular amplification (DAS) solution

Cellular amplification equipment to include the following:

- Wilson Electronics brand amplifiers, and connectors, and to include Wilson Electronics outdoor-rated antennas.
 - The amplifier/s shall be one or more of the following models, Wilson Pro 4000, Wilson Pro 4000R, Wilson Pro 1000, Wilson Pro 1000R, Wilson Pro 1000C, Wilson Pro 1050.
- **Placement and number of amplifiers to be determined by bidder.**
- A parts list for components to be used in this system is detailed under **Section IV. PARTS LIST.**

C. Structured Cabling and Fire Suppression

- All cabling shall be installed according to industry standard support methods and to include cable management (j-hooks, rings, etc.) as necessary to support the installation.
- All interior cabling penetrations shall be fire stopped using industry approved materials and methods to restore the fire rating.
- All exterior cabling penetrations shall be sealed to maintain a weatherproof barrier.
- All cabling installed on exposed brick or concrete shall be installed in Electrical metallic tubing (EMT) conduit of adequate size to support the required cabling.

D. General Submission Requirements

- Proposers shall provide in detail format any and all design drawings associated with Wilson DAS implementation to include the following:
 - A completed Field House RF design to accompany the RFP submission
 - Software rendered heat maps to indicate expected signal strength gains
 - Installation maps to include placement and number of amplifiers and antennas
 - As-built drawings to accompany project completion
- Itemized parts list to include number of units and parts numbers for equipment required for the scope of the project

E. Work to be Completed

Awarded vendor shall complete the following terms of the proposal:

- Installation and configuration of the Wilson DAS system in the College's Field House.
- Awarded vendor will complete an RF survey of the Field House to include drawings to indicate placement of amplifiers, indoor and outdoor antennas, and general cable paths within the building.

- Points of interest included in **Section V. POINTS OF INTEREST** to have a signal strength of -70dBm or better across all available cellular bands.
- Software rendered heat maps indicating completed system performance shall be provided to the customer on project completion.
- Cost for lifts or buckets should be included in the terms of the RFP and should include floor protection/walk boards to protect the gymnasium floor.
- All shipping costs should be included in the terms of the RFP.
- A **three-year** on-site warranty should be included on both parts and labor.
- See **Section IV. PARTS LIST** for a required list of parts for the scope of the project.

F. Contacts

Information Technology Contact

John Linhorst
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636-481-3192

Purchasing/Procurement Contact

Sheree Bell
Director of Purchasing
1000 Viking Drive
Hillsboro, MO 63050
sbell6@jeffco.edu
636-481-3119

V. POINTS OF INTEREST

	Floor	Description	Room #
1	2 nd	Mat Wrestling Room	FH-203
2	2 nd	Fitness Center	FH-201
3	2 nd	Classroom	FH-200
4	2 nd	Classroom /Dance Room	FH-204/206
5	2 nd	East Balcony	FH-205
6	Main Floor	South Bleachers	FH-100
7	Main Floor	West lobby	FH-112
8	Main Floor	West Bleachers	FH-100
9	Main Floor	Gym Center Floor	FH-100
10	Main Floor	East Bleachers	FH-100
11	Main Floor	Coaches' Office	FH-119
12	Main Floor	Conference Room	FH-123
13	Main Floor/Lower Level	Center Pool Seating area	FH-012
14	Main Floor	Office	FH-127
15	Main Floor	North Bleachers	FH-100
16	Lower Level	Men's Locker Room	FH-009
17	Lower Level	Multi-Purpose Room	FH-001
18	Lower Level	Coaches' Offices	FH-006
19	Lower Level	Women's Locker Room	FH-004
20	Lower Level	Pool Manager's office / Pool Control Room	FH-013

VI. COMMENCING AND COMPLETION OF WORK

This project is subject to the Jefferson College Board of Trustees' approval of funding on May 9, 2019. Work to be performed during the hours of 8:00 a.m. – 4:30 p.m. Monday through Friday.

VII. PROJECT ADMINISTRATION

The College's Information Technology Analyst shall be the College's representative on the project. The Director shall have the sole authority, after consultation with College Officials, to approve any changes in the scope of the project, specifications or other matters relative to the project.

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VIII. INSURANCE AND BONDS

- A. Each proposal shall be accompanied by a five percent proposal bond from a bonding company or company check satisfactory to the Community College District of Jefferson County. Proposal security is required as guarantee that contractor will enter into a written contract and furnish performance and payment bonds; and if successful contractor fails to do so within 30 days from the date of closing of the proposals, proposal security will be called in by the College.
- B. The successful contractor shall furnish a performance and payment bond for 100 percent of the completed contract amount as security for the faithful performance of the contract.
- C. The successful contractor shall submit to the College a “Certificate of Insurance” for all insurance required under this provision. The contractor shall provide and maintain in effect during the life of the project and warranty period the following coverage, **for which Jefferson College shall be named as “an additional insured”**.

Worker’s compensation Statutory limits

Comprehensive general liability
(including premises-operations;
Independent contractors’ protective;
Products and completed operations;
Broad form property damage):

Bodily injury:

Each occurrence	\$ 500,000
Aggregate, products And completed operations	\$1,000,000

Property damage:
Each occurrence \$ 500,000
Aggregate \$1,000,000

Products and completed operations
Insurance shall be maintained for
The duration of construction and
Contractor shall continue to
Provide evidence of such coverage to
College during the construction period.

Property damage liability insurance
Shall include coverage for the
Following hazards:

Explosion
Collapse
Underground

Contractual liability:

Bodily injury \$ 500,000
Property damage \$ 500,000

Comprehensive automobile liability:
(owned, non-owned, and hired)

Bodily injury:
Each person \$ 500,000
Each accident \$1,000,000
Property damage \$1,000,000

IX. INDEMNITY

Contractor agrees to indemnify and hold harmless the Community College District of Jefferson County and its directors, officers, employees, and agents from and against any and all liabilities, losses, damages, costs and expenses of any kind (including, without limitation, reasonable legal fees and expenses in connection with any investigative, administrative, or judicial proceeding, whether or not designated a party thereto) which may be suffered by, incurred by or threatened against the College or directors, officers, employees or agents of the College on account of or resulting from injury or claim of injury to person or property arising from Contractor's actions or omissions relating to this Agreement or arising out of Contractor's breach or failure to perform any term, covenant, condition, or agreement herein provided to be performed by the Contractor.

X. WARRANTIES

Contractor shall guarantee workmanship for a period of three years after the date of substantial completion as determined by the College and contractor. Material warranties will be the maximum offered by the manufacturer.

XI. GUIDELINES

1. All workmanship must be in a professional manner and performed in a timely manner. Scheduling of work shall be coordinated with the Director of Buildings and Grounds.
2. The normal activities of the college will be ongoing and must not be interrupted by these projects.
3. Loud conversations, playing music, foul language, less than professional conduct by the contractor's workers will not be tolerated.
4. Parking, off-loading of materials and storage of tools and/or materials shall be coordinated with the Director of Buildings and Grounds.
5. Disposal of used materials from the project must be in a lawful manner and college dumpsters will not be used by the contractor nor their workers, unless authorized by the Director of Buildings and Grounds.
6. Restrooms are available to the contractor's workers in the buildings.
7. Electric and other utilities in the buildings are available to the contractor.

8. The job site must be cleaned up each evening and before leaving for the weekend. Materials, tools, etc. must be stored in the room(s) impacted by the project.
9. Parking for the contractor's workers shall be coordinated with the college staff.
10. Dumpster locations shall be coordinated with the Director of Buildings & Grounds.
11. The use of all tobacco and smoke-related products is prohibited on all properties owned or leased by Jefferson College, including buildings, facilities, and student housing, as well as outdoor areas such as sidewalks, parking lots, athletic fields, and common areas. The goal of the policy is to promote a healthy environment for all who utilize the College and its facilities.

PROPOSAL FORM
JEFFERSON COLLEGE
RFP #1903001
CELLULAR AMPLIFICATION DAS
DUE: APRIL 11, 2019
NOT LATER THAN 2:00 P.M.

PROPOSAL COST: \$ _____

LIST ANY DEVIATIONS: _____

SIGNATURE: _____ DATE: _____

PRINTED NAME: _____ PHONE: _____

COMPANY: _____

ADDRESS: _____

EMAIL ADDRESS: _____

REFERENCES

Company

Contact

Telephone/Email

Address

Company

Contact

Telephone/Email

Address

Company

Contact

Telephone/Email

Address