



CU Anschutz AES Radio System Upgrade

Project Number – 23-109856

Friday, June 2, 2023

ADDENDUM 2

To: David Mannlein (Convergint), Morgan Wotkyns (ADT), Josh Johnson (Meridian), Chad Cahill (AT4/CSI), Lenny Haubert (AT4/CSI), Solomon Espinoza (Denver Electrical)

This Addendum modifies certain conditions set forth in the original Request For Proposal (RFP) (CU Project #23-109856) as noted below. This Addendum and the RFP are incorporated into each other and, when read together, shall constitute one integrated document. Any inconsistency, conflict, or ambiguity between this Addendum and the RFP shall be resolved by giving precedence and effect to this Addendum. Acknowledge receipt of this Addendum on submitted bids. Failure to do so may subject Bidder to disqualification. This addendum will be distributed via email to pre-bid conference attendees.

PROJECT MANUAL (RED TEXT):

1. 00 11 00 (Clarification for AES Radio receiving equipment): The contractor shall provide AES Radio equipment for campus dispatch to receive signals (2 AES UL receivers). Coordinate with CU for monitoring requirements.
2. 00 11 00 (Add Deduct Alternate #1): Include base bid project components and modify network type to an existing private network. Provide and install 29 7707P-88-M AES radios and transceivers to connect to integrator owned network. Provide access for owner to monitor network status/health. Include one (1) year of monitoring for 29 buildings.
3. 00 11 00 (Add Deduct Alternate #2): Include base bid project components and modify network type to an existing public network. Provide and install 29 7707P-88-M AES radios and transceivers to connect to public network. Provide access for owner to monitor network status/health. Include one (1) year of monitoring for 29 buildings.
4. 004323: Add lines for deduct alternates #1 and #2 to bid form. The bid deadline is extended to 6/14/23 at 2:00pm to accommodate Addendum 2.

Attachments:

1. 001100 - Advertisement for Bids
2. 004323 – Bid Alternate Form

END OF ADDENDUM 2

SECTION 00 11 00 – ADVERTISEMENT FOR BIDS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS (Not Applicable)

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for project advertisement.

1.3 DEFINITIONS

- A. **ADVERTISEMENT:** Posting of project description, requirements, schedule, and related requirements necessary to solicit submittals from contractors.

1.4 ADVERTISEMENT

- A. **FORM:** State of Colorado form “Advertisement for Bids for Contractor’s Agreement Design/Bid/Build” (OSA-AFB-1)
- B. A copy of the above noted form is attached at the end of this section.

1.5 PROCEDURE

- A. If project is less than \$25,000 or greater than \$500,000, remove red “Open to SCPP” box.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 00 11 00



ADVERTISEMENT FOR BID/DOCUMENTED QUOTE/RFP/RFQ
State of Colorado
University of Colorado Denver | Anschutz Medical Campus (GFE)
Notice Number: PN 23-109856

Notice Status: OPEN
Publish Date: May 2, 2023
Notice Revisions: 2
Revision Publish Date: NA

Project No: 23-109856
Project Title: CU Anschutz AES Radio System Upgrade
Estimated Construction Cost: \$110,000

Settlement Notices

For all projects with a total dollar value above \$150,000 Notice of Final Settlement is required by C.R.S. 38-26-107(1).

Final Settlement, if required, will be advertised via: Electronic Media

Project Description

Provide and install 7707P-88-M AES radios in each of the University of Colorado Anschutz Medical Campus buildings (quantity 29). Please refer to 284600 Facility Summary to reference buildings and fire alarm control panel type. Provide alarm, waterflow (where necessary), supervisory, trouble, and carbon monoxide reporting zones from the fire alarm control panels for the new AES radios. Each AES radio shall be located at the fire alarm control panel. Confirm exact mounting location with CU prior to installation. Each AES radio shall have a NetCon value of 5. AES Radios and antenna pathways shall be installed in accordance with 284600 CU Technical guidelines and 284600 AES Radio AHJ resource guide. All wire shall be installed in red EMT conduit.

Provide all fire alarm equipment and programming services for each EST panel interface with the new radios. Provide 100% testing of the new AES radios and 10% testing of the existing fire alarm system. 10% testing shall include at least one (1) verification on each reporting zone.

Provide shop drawing submittal for each building to submit to the campus official (refer to sample submittal in division 284600). Shop drawings submittal shall include anticipated antenna types and locations. The contractor shall utilize TLH Fire for production and completion of the shop drawings for each building. The contractor shall carry in their bid the costs associated with TLH Fire shop drawing production. Submit shop drawings to TLH Fire and CU for review and approval prior to submitting for permit. Verify signal strength as radios are being installed. Rubber ducky antennas are preferred. For bid comparison and equivalency, pricing for the system installation shall include and be based on the cost associated with four (4) externally mounted RUGGED HI GAIN antennas and twenty-five (25) RUBBER DUCK antennas. For private mesh radio networks, provide two (2) AES radios with IP links to CU network. Contractor is all permits and fees.

The contractor shall provide AES Radio equipment for campus dispatch to receive signals (2 AES UL receivers). Coordinate with CU for monitoring requirements.

The contractor shall cover all costs associated with providing new penetrations (interior and exterior) which includes any required fire caulking and/or sealing. Roof penetrations shall be performed by a licensed roofing contractor.

The contractor shall provide an installation and testing schedule to CU with bid for review and approval (refer to 284600 Example Schedule).

Deduct Alternate #1:

Include base bid project components and modify network type to an existing private network. Provide and install 29 7707P-88-M AES radios and transceivers to connect to integrator owned network. Provide access for owner to monitor network status/health. Include one (1) year of monitoring for 29 buildings.

Deduct Alternate #2:

Include base bid project components and modify network type to an existing public network. Provide and install 29 7707P-88-M AES radios and transceivers to connect to public network. Provide access for owner to monitor network status/health. Include one (1) year of monitoring for 29 buildings.

Minimum Requirements

Notice is hereby given to all interested parties that all firms will be required to meet all minimum requirements to be considered for this project. To be considered as qualified, interested firms shall have, as a minimum:

1. Provided General Contracting services within the last three (3) years for at least two (2) projects each in excess of \$500,000 (hard costs), utilizing the expertise present in their Colorado Office; and
2. Demonstrated specific General Contracting experience in projects of similar scope and complexity; and
3. Demonstrated bonding capability up to \$500,000 for an individual project coincidentally with current and anticipated workloads; provide letter from surety that affirms this capacity.

Other Information

Preference shall be given to Colorado resident bidders and for Colorado labor, as provided by law.

Pre-Bid Meeting

A mandatory Pre-Bid Meeting will be held:

**University of Colorado Anschutz Medical Campus
At Fitzsimons, Aurora, Colorado 80045**

Comments: **Pre-Bid meeting will begin at 9:00 AM on May 17, 2023**

Schedule/Submission Details

1. The schedule of events for the RFP process and an outline of the schedule for the balance of the project is as follows:

Advertisement	5/2/2023
Mandatory Pre-Bid Conference and Tour	5/17/2023 – 9:00AM
Date Email Questions Due	5/24/2023 – 2:00PM
Date Email Answers Issued	5/31/2023
Sealed Bids Due/Public Bid Opening	6/14/2023 6/7/2023 – 2:00PM
Contract Approval (projected)	6/28/2023
Anticipated Design Start	7/12/2023
Construction Start	9/2023
Construction Finish	Contractor to provide.

2. **ONE (1)** electronic copy submittal bid is due on 6/7/2022 and shall be received no later than 2:00 PM, and shall be submitted accepted via email. Send to https://ucdenverdata.formstack.com/forms/rfp_rfq_submission and copy jace@tlhfire.com.

3. The above schedule is tentative. Responding firms shall be notified of revisions in a timely manner by email. Respondents may elect to verify times and dates by email, but no earlier than 36 hours before the schedule date and time.

Point of Contact/Clarification

Name: **Gregory Filpus**

Agency: University of Colorado Denver | Anschutz Medical Campus (GFE)

Phone: 720.281.7417

Email: GREGORY.FILPUS.@CUANSCHUTZ.EDU

SECTION 00 43 23 – BID ALTERNATES FORM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. 00 41 53 - Bid Form (SPB-6.13)

1.2 SUMMARY

- A. Provide building fire alarm yearly testing. Refer to 284600 Fire alarm Testing and provide price per building as indicated on the worksheet. Provide total price for each year (alternates 1-5).

1.3 DEFINITIONS (Not Applicable)

1.4 BID FORM

- A. FORM: State of Colorado form “Bid Alternates Form” (SBP-6.131).
- B. A copy of the above noted form is attached to the end of this section.
- C. Additional State and University of Colorado forms to be attached to the submitted bid are listed in the Articles below.

1.5 PROCEDURES

- A. Fill out each alternate as shown in project documents with associated cost.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 00 43 23



STATE OF COLORADO
OFFICE OF THE STATE ARCHITECT
STATE BUILDINGS PROGRAM

BID ALTERNATES FORM

Institution/Agency: _____

Project No./Name: _____

Additive alternates will not be used if deductible alternates are used, and deductible alternates will not be used if additive alternates are used.

Additive Alternates (If Applicable)

Refer to specification section 284600 for descriptions of add alternates. If the add alternates are accepted, the base bid would be modified by the amount entered by the bidder.

A.A. No. 1	100% Fire Alarm Testing 2023 (Submit Table)	Add \$	_____
A.A. No. 2	100% Fire Alarm Testing 2024 (Submit Table)	Add \$	_____
A.A. No. 3	100% Fire Alarm Testing 2025 (Submit Table)	Add \$	_____
A.A. No. 4	100% Fire Alarm Testing 2026 (Submit Table)	Add \$	_____
A.A. No. 5	100% Fire Alarm Testing 2027 (Submit Table)	Add \$	_____

Deductive Alternates (If Applicable)

Refer to specification section 001100 for descriptions of the deductive alternates. If the deductive alternates are accepted, the base bid would be modified by the amount entered by the bidder.

D.A. No. 1	Existing Private Network – Integrator Owned Network	Deduct \$	_____
D.A. No. 2	Existing Open Network	Deduct \$	_____

THE BIDDER:

Company Name

Signature

Date