



DOCUMENTED QUOTE  
State of Colorado  
Auraria Higher Education Center

Notice Number: AHEC-26925-D

Project Number: 2025-033124

Project Title: Capital IT Project, Phase I (CCD Fiber)

Estimated Project Cost: \$80,000.00

**NOTICES**

1. 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 in the same location as the original solicitation.
2. For State Public Works C.R.S. §8-17-101 - Colorado labor shall be employed to perform at least 80% of the work. Colorado labor means any person who is a resident of the state of Colorado at the time of the Public Works project.
3. All respondents accept the conditions of this DQ, including but not limited to, the following:
  - a. All quotes shall become the property of the State of Colorado and will not be returned.
  - b. Late quotes shall not be evaluated.
  - c. The State reserves the right to reject any or all quotes on the basis of being unresponsive to this DQ or for failure to disclose requested information.
  - d. The State shall not be liable for any costs incurred by respondents in the preparation of quotes nor in costs related to any element of the selection.
4. Preference shall be given to Colorado resident bidders and for Colorado labor, as provided by law.
5. Per C.R.S. §24-105-201 If the construction value is \$50,000 or greater a Bid Bond and Power of Attorney or Proposal Guaranty is required in an amount not less than 5% of the total Bid.

## **PROJECT OVERVIEW**

The Auraria Higher Education Center (AHEC) is seeking Documented Quotes for the Capital IT, Phase I project which entails installing and terminating fiber from Confluence Building to Boulder Creek Main Distribution Frame (MDF) rooms. All materials, labor, including testing (see below), and terminations must be provided in the quote.

### **Scope of Services**

Pull and terminate fiber from Confluence building to Boulder Creek building.

Requirements:

24F Singlemode OSP Armored fiber (roughly 3500')

Maxcell 3" 3 cells (roughly 500')

24-ST Splice Cassette

### **Fiber Installation Testing and Acceptance**

#### **1. Fiber Optic Cable Testing Requirements**

The Contractor shall perform testing on all installed fiber optic cable segments upon completion of installation and termination. Testing shall be conducted using calibrated test equipment and in accordance with applicable industry standards, including TIA, ANSI, and applicable manufacturer requirements.

Testing shall include:

- Optical Loss Testing (OLTS) for all fiber strands.
- Optical Time Domain Reflectometer (OTDR) testing for all backbone fiber segments.
- End-to-end continuity verification of all fibers.
- Verification of correct fiber strand identification and labeling.
- Inspection and certification of connector end-face cleanliness and quality.

#### **2. Acceptance Criteria**

The installed fiber optic cabling system shall be considered acceptable when:

- All fiber strands demonstrate continuity without breaks, shorts, or crossed connections.
- Measured insertion loss does not exceed the calculated loss budget or manufacturer specifications.
- OTDR traces show no significant events, reflections, bends, splices, or defects exceeding specified limits.
- Connector reflectance and return loss meet manufacturer and project requirements.
- All fiber terminations are properly labeled and correspond to project documentation.
- All installed components are free from physical damage and installed in accordance with approved construction drawings.

#### **3. Documentation Requirements**

The Contractor shall provide the following documentation prior to final acceptance:

- Electronic copies of all OTDR test results.
- Electronic copies of all insertion loss test results.
- Fiber strand assignment schedules.

- As-built drawings showing cable routes, splice locations, and termination points.
- Certification that all testing equipment used was calibrated within the manufacturer's recommended interval.
- Warranty documentation for installed materials and workmanship.

#### **4. Final System Acceptance**

Final acceptance of the fiber optic installation shall occur upon:

1. Completion of all installation activities.
2. Successful completion of required testing.
3. Submission and approval of all test reports and as-built documentation.
4. Correction of any deficiencies identified during inspection or testing.
5. Written acceptance by AHEC or AHEC's designated representative.

Each fiber strand shall pass bi-directional insertion loss testing at the operating wavelengths specified for the fiber type. Measured attenuation shall not exceed the calculated link loss budget plus 0.5 dB margin. Any fiber strand failing to meet these requirements shall be repaired or replaced by the Contractor at no additional cost to AHEC and retested until compliant.

#### **Typical Single-Mode Fiber Standard**

For single-mode fiber installations:

- OTDR testing at 1310 nm and 1550 nm.
- Insertion loss testing at 1310 nm and 1550 nm.
- Maximum connector loss: 0.5 dB per mated pair.
- Maximum splice loss: 0.1 dB average per fusion splice.
- Fiber polarity verified end-to-end.

See **Appendix D** for manhole locations: 1->16->2->3->15->4

The scope of services will include full Construction Contracting Services for the project specified during the process of construction and warranty period to the State as per the Documented Quote. Specific tasks to be performed by the Contractor include those generally performed by the construction community where the Contractor is the prime vendor to the State. Bidders shall reference the drawings, specifications, and supporting documents in the Appendices for an understanding of the entire scope of the project.

Per C.R.S. §38-26-106, if a contract amounts to \$150,000 or more, the awarded contractor shall provide payment and performance bonds not less than 50% of the value of the contract. The costs associated with this bond are to be included in the contractor's bid.

## **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. Interested bidders must show evidence of the following to be considered as qualified, as a minimum:

1. Not previously terminated by the State for non-performance on a State Buildings contract or procurement.
2. The bidding contractor must have been in the same business, under the same name for the last two (2) years.
3. Demonstrated specific contracting experience in projects of similar scope and complexity for at least two (2) projects each in excess of \$80,000.00 (hard costs), utilizing the expertise present in their Colorado Office. **Please be sure to specify project names, amounts, dates for each project, and references (name, phone number, and e-mail address) for each project, with quote submission.**
4. Attended and signed in at the Mandatory Pre-Bid Conference

Firms meeting the minimum requirements may obtain the bidding documents on the website accompanying this advertisement.

ColoradoVSS:

<https://prd.co.cgiadvantage.com/PRDVSS1X1/Advantage4>

BidNet:

<https://www.bidnetdirect.com/colorado>

## **MANDATORY PRE-BID CONFERENCE AND SITE TOUR**

A mandatory Pre-Bid Meeting will be held at:

|                   |  |
|-------------------|--|
| Building Address: | <u>Facilities Management - 1156 7<sup>th</sup> St., Denver, CO 80204</u> |
| Room:             | <u>Facilities Lunchroom</u>  |
| Date/Time         | <u>June 22, 2026 at 10:00AM</u>  |

## **SCHEDULE**

The following is a tentative schedule of events for the Documented Quote process and an outline of the schedule for the balance of the project. All dates are subject to change and changes in the schedule will be issued via addendum. All times listed are Mountain Time.

|  |                                 |
|--|---------------------------------|
| Advertisement for Bids Issued              | <u>June 17, 2026</u>            |
| Mandatory Pre-Bid Conference and Site Tour | <u>June 22, 2026 at 10:00AM</u> |
| Request for Clarifications Due             | <u>June 24, 2026 at 12:00PM</u> |
| Final Addendum Issued (anticipated)        | <u>June 25, 2026 at 5:00PM</u>  |
| Quotes Due (date and Time)                 | <u>June 29, 2026 at 2:00PM</u>  |
| Public Bid Opening                         | <u>June 29, 2026 at 2:00PM</u>  |
| Award Intent Notification (anticipated)    | <u>July 1, 2026</u>             |
| Purchase Order Issuance                    | <u>July 3, 2026</u>             |
| Anticipated Construction Start             | <u>July 6, 2026</u>             |
| Anticipated Construction Finish            | <u>August 14, 2026</u>          |

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

## **QUESTIONS, CLARIFICATIONS AND ADDENDA**

Owner initiated changes to this DQ will be issued under numerically sequenced addenda.

Owner initiated changes to this DQ will be posted in the form of addenda on ColoradoVSS and BidNet.

Questions and requests for clarifications regarding this project shall be submitted before the deadline listed in the above Schedule.

Communication regarding the project during the procurement, outside of this submission process or scheduled procurement milestones is not permitted.

## **POINT OF CONTACT/CLARIFICATION**

|                |   |
|----------------|---|
| Name:          | <u>Stacy Tino, CPPB, NIGP-CPP, Procurement Director</u>             |
| Agency:        | <u>Auraria Higher Education Center</u>                              |
| Email Address: | <u><a href="mailto:Stacy.Tino@ahec.edu">Stacy.Tino@ahec.edu</a></u> |
| Phone:         | <u>Office: (303) 556-3289 or Cell: (303) 859-1464</u>               |

## **BIDDING**

Quotes shall be submitted on the required form as indicated on the Information For Bidders document (SBP-6.12) in Appendix A.

One (1) hard copy of the sealed quote with bid bond, **including the minimum requirements documentation**, is due June 29, 2026, and shall be received no later than 2:00PM Mountain Time, **as described in the Information for Bidders (SBP-6.12).**

Forms and Appendices to be included with quotes:

Documented Quote Form with minimum qualifications documentation

Bid Bond (SBP-6.14) with properly executed power of attorney

Late quotes will be rejected without consideration. The State of Colorado assumes no responsibility for costs related to the preparation of quotes.

## **BID OPENING**

Opening of the quotes will be in-person at the address listed for bid submission.

## **APPENDICES:**

- Appendix A: Information for Bidders (SBP-6.12)
- Appendix B: Documented Quote Form
- Appendix B1: Bid Bond (SBP-6.14)
- Appendix C: Sample: Direct Labor Burden Calculation (SBP-6.18)
- Appendix D: Telecom Manhole Routing Plan 3-28-23