



DATE: July 23, 2021

**Request for Letters of Interest for Design-Build Services**  
**Region 1 Eisenhower-Johnson Memorial Tunnels (EJMT)**  
**Drainage, Plumbing, and Heat Trace (DPHT) Design-Build Project**

**ADDENDUM 5**

The Colorado Department of Transportation (CDOT) will repair and upgrade the water supply lines, fire hydrants, and drainage systems within the EJMT and is soliciting Letters of Interest from companies or teams interested in providing Design-Build Services for the project.

The I-70 Corridor is the only east-west interstate to cross Colorado and is a major corridor for regional and national commerce, recreational traffic, and access to the mountain communities. The EJMT provides a critically important component of this corridor for the State of Colorado. The existing water supply and drainage lines within the EJMT on I-70 have on-going issues or are prone to leaks, ruptures, and freezing. This design-build project is seeking innovative solutions for addressing these problems within the EJMT.

**Project Scope** (existing pipes are all approximately 9,000 ft long).

The following items may be included in the project scope of work pending budget approval and further discussions with tunnel maintenance:

- **New fire department hose connections in the north tunnel:** Construct new fire department connections in north tunnel wall. Connect new piping and valves to the existing fixed fire suppression system in the plenum with approximately 30 feet of new vertical pipe. This is anticipated to occur at 30 locations along the north tunnel. The new vertical pipe will require a hole to be sawcut or bored through the existing plenum floor. Sawcut the existing wall panel to allow for pipe installation and construct a new cover panel to hide the pipe. Abandon the existing waterline and hydrants in place under the roadway.
- **New fire department hose connections in the south tunnel:** Construct new fire department connections in south tunnel wall. Connect new piping and valves to the existing fixed fire suppression system in the plenum with approximately 30 feet of new vertical pipe. This is anticipated to occur at 30 locations along the south tunnel. The new vertical pipe will require a hole to be sawcut or bored through the existing plenum floor. Sawcut the existing wall panel to allow for pipe installation and construct a new cover panel to hide the pipe. Create a solution to either abandon or heat and maintain the existing waterline and hydrants in place under the elevated walkway in a method that is cost beneficial and easily maintainable for CDOT.
- **New domestic water supply line to connect the west portal to the east portal:** Construct a new galvanized steel waterline to supply water to the east portal from the treatment facility in the west portal. This will include a new pipe in the plenum, pipe insulation and heat tape, and a booster pump





- 2-8 inch PVC seep mains in the north tunnel and 2-12 inch seep mains in the south tunnel: Develop a solution to prevent freezing of seep mains by replacing the heat tape or providing a proposed alternative/ innovative solution. There is the possibility of replacing or installing new heat tape in 4-4 inch seep collector lines that are adjacent to the 8-inch seep mains in both tunnels.
- 1-6 inch ductile iron roadway drain collector in North tunnel: Potential to add heat tape or proposed alternative to prevent freeze of the current collection system.
- New emergency backup generator system consisting of two (2) 2MW, 25kV Diesel Generators in a Sound Attenuated Weather Proof Enclosure located at the west portal along with supporting infrastructure and electrical distribution equipment that will replace the current emergency backup generators. New generator enclosure shall meet the mountain corridor aesthetic guidelines.
- Water treatment plant upgrades consisting of installation of membrane filter system at each plant (2 total).
- Air supply/exhaust fan motor rebuild consisting of rewinding/rebuilding for the existing 16 fans.

The budget for design-build services is estimated to be approximately \$15-20 million. The proposed engineered solution for these systems shall be cost effective, durable, provide a minimum 20-year service life, allow easy maintenance, allow for phased implementation (as necessary), and reduce impacts to the traveling public and CDOT associated maintenance and inspection activities.

**CDOT will hold a Virtual Industry meeting to review the updated scope of services with the potential submitters and any other interested parties on July 29, 2021, at 5:00 pm. You can register for the event at the link below:**

<https://us02web.zoom.us/j/81910063307?pwd=VEdrNzI4RGh5d1ZFdTdhWUZJb1F1dz09>

CDOT has determined that design-build delivery provides the best value to complete the design and construction of the project.

The goals for the project are:

1. Provide an innovative design solution that is durable, historically proven, easily maintained, and compatible with current and future improvements in the EJMT.
2. Maximize the construction scope of the proposed design solution within the project budget.
3. Minimize impacts to the traveling public, EJMT operations, and the EJMT fire life safety systems during construction and for the lifecycle of the constructed improvements.
4. Meet and exceed the project requirements.
5. Minimize the project delivery time.





### Procurement Process

A Request for Qualifications will **only** be sent to those companies or teams submitting a Statement of Interest containing the information required below.

After CDOT’s evaluation of the Statement of Qualifications from prospective design-build teams, CDOT will establish a short list of eligible teams. A Request for Proposals (RFP) will be sent to those teams, and CDOT will evaluate those proposals using best value criteria. The RFP will include a conceptual design and will encourage innovation from the private sector to maximize the project scope delivered.

The approximate anticipated schedule for the procurement of the project is:

Letter of Interest (LOI) posted	Monday, May 3, 2021
INDUSTRY MEETING #2	Thursday, July 29, 2021
LOI Due (by Noon)	Monday, August 2, 2021
Release Request for Qualifications (RFQ)	Thursday, August 5, 2021
Statement of Qualification (SOQ) Due (by Noon)	Thursday, September 16, 2021
Release Draft Request for Proposal (RFP)	Thursday, October 21, 2021
Release Final RFP	Thursday, December 16, 2021
RFP Proposal Deadline Due (by Noon)	Thursday, February 24, 2022
Price Proposal Bid Opening	Thursday, March 31, 2022
Notice to Proceed (NTP) 1	Thursday, May 12, 2022
NTP 2	Friday, July 8, 2022

**A Letter of Interest must be sent by email, to [roberta.s.lopez@state.co.us](mailto:roberta.s.lopez@state.co.us). They must be received by CDOT no later than 12:00 PM - Noon, Monday August 02, 2021.** An email reply from Roberta Lopez will confirm receipt of the Letter of Interest. If you do not receive a confirmation email within two business days after emailing, please call Roberta Lopez at 303-757-9296. Letters of Interest sent via fax, registered mail, Federal Express, UPS, or similar delivery method will **NOT** be accepted.

If your firm has previously submitted a Letter of Interest in response to a prior Request for Letters of Interest for this project and your firm has received a receipt confirmation from CDOT, your firm does not need to resubmit a Letter of Interest in response to this July 23, 2021, request. If you have any questions regarding the Request for Letters of Interest process, please contact Roberta Lopez at [roberta.s.lopez@state.co.us](mailto:roberta.s.lopez@state.co.us)

Please address Letters of Interest to:

Roberta Lopez, Alternative Delivery Contracts Officer  
CDOT Headquarters  
[roberta.s.lopez@state.co.us](mailto:roberta.s.lopez@state.co.us)  
2829 W Howard Place  
Denver, CO 80204





The following shall be included in the Letter of Interest:

1. Title: Letter of Interest for the Region 1 EJMT Drainage, Plumbing, and Heat Trace Design-Build Project
2. Company or Team name
3. Contact person name and title
4. Address, phone, fax, and email information

Only those firms submitting a Letter of Interest meeting the above requirements will receive a Request for Qualifications notice. Letters of Interest will also be used to complete a list of interested companies for any notices and announcements relating to this project. Conceptual design data and reports will be made available via the project website:

<https://www.codot.gov/projects/ejmtdesignstudy>

The procurement website is linked below:

<https://www.codot.gov/business/designsupport/adp-db-cmgc/opportunities/design-build-solicitations-active/eisenhower-johnson-memorial-tunnels-ejmt-drainage-plumbing-and-heat-trace-dpht>

