



DATE: June 18, 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

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:

- **8-inch waterline in the north tunnel:** Reroute the existing redundant water line from beneath the roadway travel lanes to the tunnel plenum above the roadway by constructing a new dry line or proposed alternative/ innovative solution. It is preferred that this tie back into the EJMT water plant to serve as a redundant water supply, but not required. This water line serves a dual purpose of providing potable water to the EJMT operations staff and is also used for the fire hydrant standpipe system. This will require the construction of a new fire hydrant system in the north tunnel that meets NFPA 502 and other fire codes to replace the current fire hydrants that lie in the roadway.
- **8-inch waterline in the south tunnel:** Develop a solution to prevent freezing in the main water line by connecting it to a boiler system, using heat trace, in-line heaters, or other proposed alternative/ innovative solution. The water line currently lies in the roadside walkway and is accessible through access panels and serves a dual purpose of providing potable water to the EJMT operations staff.
- **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.





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.

The budget for design-build services is approximately \$2.6 million with the potential of additional funds being added to the project if they become available. Should additional funds become available the range for services is anticipated to be \$2.6 million to \$15 million.

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:

Request for Letters of Interest:	May 03, 2021
Letter of Interest Due:	July 12, 2021 - Noon
Issue Request for Qualifications:	July 15, 2021
Statement of Qualifications Due:	August 26, 2021 - Noon
Shortlisted Design-Build Teams Announced:	September 23, 2021
Draft RFP Issued:	September 30, 2021
Final RFP Issued:	November 29, 2021
Proposals Due:	February 07, 2022
Notice of Award:	March 28, 2022
Notice to Proceed 1:	May 09, 2022





A Letter of Interest must be sent by email, to Robeta.S.Lopez@state.co.us. They must be received by CDOT no later than 12:00 PM - Noon, Monday July 12, 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.

Note to submitters: The LOI date has been extended to allow CDOT to evaluate changes in the scope of work from a potential funding increase of up to \$15M. Once funding and scope has been determined, we will issue another addendum with an updated scope, funding amount and due date.

Please address Letters of Interest to:

Roberta Lopez, Alternative Delivery Contracts Officer
CDOT Headquarters
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
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>

