

## Addendum 01 for RFB926801-01

Project Name: DAS CC Tunnel Joint Repair  
DAS RFB #: 926801-01  
DAS Project #: 9268.01  
Date: 11/14/2023

**Bids Due: November 29th, 2023 at 2:00 PM CST**

Contents:

- Cover Page – Table of Contents, Clarifications & Questions (4 pages)
- Pre-Bid meeting minutes and sign in sheets (7 pages)
- Bid Date Change to November 29<sup>th</sup>, 2023 at 2:00 PM
- Additional questions due November, 21<sup>st</sup> 2023 at 11:00 AM

### 1. Clarifications:

- 1.1. The phasing locations and extents for the tunnel shutdowns are negotiable and will depend on the duration of the work and the location in the tunnel. It is intended that all work will be completed in any given area before that area is opened and the next area is shut down.
- 1.2. The steam and condensate systems should be shut down by May 1<sup>st</sup>, and are typically started up again in October.
- 1.3. The site work start date is dependent upon the end date of the 2024 legislative session. The tentative end date can be extended if the start date is delayed, but all work must be done by December 1st, 2024.
- 1.4. Contractors may leave a locked gang box in the shutdown portion of the tunnel, at their own risk. A locked gang box may be left at the Central Energy Plant between phases while the tunnel barriers are being moved.
- 1.5. All tunnels are considered part of the emergency safety plan and egress should be maintained in the event of an emergency. Easily moved barriers, i.e., cones and tape, are to be used to route traffic.
- 1.6. Tarps/steel pans/guttering systems are to be removed by the contractor. See plans and project manual for the replacement and installation of 10 new water infiltration deflectors.

### 2. Questions:

Q: Can contractors use the drains in the tunnel for the water they use for drilling?

A: No, other means and methods will need to be used for removing water.

Q: Have all the existing electrical outlets in the tunnel been tested to confirm operation? If not, does the owner have electricians on staff that will fix them?

A: DAS/CCM to test and repair receptacles that are not working prior to start of construction.

Q: What needs to be done with the joints where there is excess calcification?

A: Remove calcification as required to install injection ports and as required by curtain grout/crack injection material manufacturer.

Q: What needs to be done with the joints where there are significant gaps from missing concrete?

A: The scope of this project does not include any concrete repairs except for any minimal repairs required to complete the lid curtain grouting or wall crack injection. This work shall be incidental to the project. The Contractor shall remove any loose materials and prepare joints as required for grouting and injection operations with the use of sealants and grout materials as recommended by manufacturers. Contractors shall submit all proposed patching and sealant materials and methods for review and preapproval by the Engineer. Concrete repairs will be made as part of future repair phases.

Q: What is the extent of the concrete repair needed?

A: The scope of this project does not include any concrete repairs except for any minimal repairs required to complete the lid curtain grouting or wall crack injection. This work shall be incidental to the project. Concrete repairs will be made as part of future repair phases.

Q: Are there repairs needed to the existing exposed rebar?

A: No, repairs and coating of existing concrete and rebar are not part of the scope of this project and will be completed as part of future repair phases. Exposed rebar shall be left in place.

Q: Do any joints past station 26+59 need to be addressed?

A: No

Q: What is the budget?

A: \$363,495

Q: It was discussed at the pre-bid meeting that equipment and materials could be left in the tunnel, at the contractor's risk, as long as access routes were maintained for access by DAS personnel if necessary. Please confirm this is the case.

A: Confirmed

Q: Please confirm that if areas along a joint are not accessible due to utilities, and these areas do not receive treatment, that there will not be a proration of payment due to these certain inaccessible areas not being treated.

A: Areas that the contractor feels are inaccessible will need to be brought to the construction manager's attention and reviewed with the design firm for direction. Minor discrepancies due to inaccessible areas will not require an adjustment in the contract price. If there is a significant reduction in scope due to inaccessibility, it would be expected that this would be captured in a change document and subsequent deductive change order. All discrepancies shall be documented on the contractors as-built.



Q: It was stated at the pre-bid meeting that a specific area(s) of the tunnels would be designated for the contractor to work in throughout the project duration and that this area would be relatively free non-contractor foot traffic, except in the case of emergencies. We are trying to determine a number of “setups” (i.e. locations for which we can be working in and would require protection of that area from our work) for the project. Therefore, please provide an anticipated number of areas, or length of tunnel available at any time, etc. for the project.

A: The phasing locations and extents for the tunnel shutdowns are negotiable and will depend on the duration of the work and the location in the tunnel. It is intended that all work will be completed in any given area before that area is opened and the next area is shut down.

Q: It is understood that there are no known live utilities located within the tunnel walls. Please confirm.

A: To the best of our knowledge that is correct, please refer to the geotechnical report at the end of the project manual for information regarding horizontal and vertical penetrations that were done as part of this project that show utility locations

Q: Curtain grouting will require the contractor to drill through tunnel liner into the surrounding soil. Due to the shallow nature of the tunnels, there is potential that utilities could be intercepted even though the length of drilling will be limited. 811 locating effort by the contractor will provide general surface information as to the location of utilities, however, exact depths and exact locations within the tunnel will not be provided by this service. To obtain this information, potholing will be necessary to determine utility depths. Surveying will be necessary to translate surface locations to underground work locations. Please confirm that utilities are not present in the general vicinity of the tunnel crown (within 2 ft) or provide quantities for potholing and surveying for the contractor to adequately account for these costs during the work.

A: A Geotechnical report was done as part of this project this past spring/summer. Horizontal and vertical penetrations were done as well as potholing in a few locations to determine utility depths. This report was provided at the end of the project specification manual for contractor’s consideration. Please keep in mind, the specific potholing information is relevant only to the areas that were tested by Terracon Geotechnical Services.

Q: If utilities are present outside of the tunnel which would interfere with the work, please confirm that the owner will be responsible for any means of mitigating those utilities as they would affect the work.

A: It is not the responsibility of the contractor to modify any utilities. Any utilities discovered outside the tunnel that interfere with joint repair work will need to be brought to the attention of the Construction Manager and Design Firm.

Q: Specification Section 01 1300.01 specifies the use of Procure for project construction management. It was stated at the pre-bid that Procure and necessary training on the use of Procure would be made available to the contractor free of charge. Please confirm.



A: Confirmed

Q: Water will be produced during grout hole flushing, prewetting, and potentially during grout hole drilling. It was observed during the pre-bid meeting that the tunnel system is able to handle a certain amount of water via drainage. Please provide a volume of contractor introduced water that the contractor may assume will be handled via tunnel drainage before the contractor must put other water handling measures in place.

A: The tunnel drain system cannot be used by the contractor, other means and methods will need to be used for water handling measures.

Q: In Section 10.2.5.2.2 of the example ConsensusDocs 802 contract provided it states that an Owners and Contractors Protective Liability (OCP) policy equal to the limits on the Commercial General Liability policy or as specified by the owner is required. On the example Accord certificate provided in the bidding documents, there is a note for the OCP policy which reiterates the above, but then states "Note – would be either CGL or OCP, not both". Therefore, please clarify if OCP is needed, and if it is, please clarify the required limits of OCP.

A: OCP is in lieu of CGL, so if you have CGL you do not need OCP.

Q: Certain provisions of the instructions for bidders seem to indicate that the Contractor may be responsible for concealed and/or unknown and/or subsurface conditions (section 3.013 and section 3.027). However, section 3.3.1 and section 3.15.2 of the ConsensusDocs 802 Form indicates that additional compensation may be paid for differing/unknown conditions. Can you please clarify if Contractor will be responsible for unknown/concealed/subsurface conditions or, alternatively, may Contractor seek a change in the Contract Price or Contract Time due to unknown conditions, as is stated in ConsensusDocs 802 Form at section 3.15?

A: In the specification section 00 2113, Instructions to Bidders 3.013, Obligation of Bidder it states that "No considerations or revision in the contract price or scope of the project will be considered by the Owner for any item that could have been revealed by a thorough on-site inspection and examination." It is not the responsibility of the contractor for any differing, unknown or concealed subsurface conditions. Anything discovered that interferes with joint repair work will need to be brought to the attention of the Construction Manager and Design Firm.



State of Iowa - Department of Administrative Services  
 109 SE 13th St.  
 Des Moines, Iowa 50319  
 P: (515) 281-7260

Project: 9268.00-.01-.02 DAS CC Tunnel Joint Repair  
 Evaluation & Mitigation  
 109 SE 13th St.  
 Des Moines, Iowa 50319

## RFB Pre-Bid #2 Agenda: Meeting #2

**Meeting Date** Nov 2, 2023 **Meeting Time** 11:00 AM - 12:30 PM Central Time (US & Canada)

**Meeting Location**

**Overview** Meeting to allow prospective bidders to visit the site, when possible, and learn more about the project.

**Attachments**

### Scheduled Attendees

Name	Company	Phone Number	Email
Brent Arntzen	Capitol Complex Maintenance	P: (515) 242-5120	brent.arntzen@iowa.gov
Brad Meister	Capitol Complex Maintenance		brad.meister@iowa.gov
Kurt Fisher	DCI Group	P: (515) 244-5043	kurtf@dcigroup-us.com
Travis Hoyle	DCI Group	P: (515) 244-5043	travish@dcigroup-us.com
Michael Steen	DCI Group	P: (515) 244-5043	michaels@dcigroup-us.com
Parkes Wilterdink	DCI Group	P: (515) 244-5043	parkesw@dcigroup-us.com
Chris Bauer	Shive Hattery Inc.	P: (515) 223-8104	cbauer@shive-hattery.com
Chris Marvin	Shive Hattery Inc.	P: (515) 223-8104	cmarvin@shive-hattery.com
Jennifer Kleene	State of Iowa - Department of Administrative Services	P: 5157250454	jennifer.kleene@iowa.gov

### Introduction

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
1.1	1	Introductions				Open
		<b>Description</b> Attendees				

### Project Overview

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.1	1	Project Description				Open
		<b>Description</b> <b>Bid Package #01</b> – Curtain Grouting and Crack Injection Repairs: Trade Contractor shall include all of the following, but not limited to, as part of the contract:				
		<ol style="list-style-type: none"> <li>1. This contractor shall be responsible for all tunnel joint and curtain grouting repairs as outlined in the contract documents. Sheet C501 shows a “joints to repair list” with approximate quantities shown provided for reference only. The contractor shall verify all dimensions and quantities shown on the plans and</li> </ol>				

- accommodate for additional materials that may be required to meet minimum specified coverage in injection limits.
2. This contractor shall provide and install new water infiltration deflectors at ten (10) locations. The final location of these deflectors shall be coordinated with the construction manager and DAS/CCM.
  3. All work shall be constructed in accordance with the most recent edition of Iowa statewide urban design and specification (SUDAS).
  4. The contractor shall be responsible for protecting existing utilities during construction. This includes but is not limited to temporary protection of all utilities within the tunnel from water infiltration and seepage and damage due to impacts from construction work.
  5. This contractor shall clean up the site daily keeping the tunnels clean at all times.
  6. This contractor to control dust from spreading from all work areas during construction activities.
  7. The contractor shall review existing site and utility locations within the tunnels as existing utilities will need to be maintained and protected at all times during construction. Access to work areas will be limited by existing utilities and equipment in the tunnels. The contractor will need to work around existing utilities and adjust construction methods as required to complete the specified scope of work.
  8. Contractors shall protect utilities, lighting, fire alarm system devices and equipment in the tunnels. Coordinate temporary protection and shutdown of fire alarm system devices with construction manager as required.
  9. Limited power sources are available through the tunnel system and can be utilized by the contractors during construction. Contractors shall review power source locations and power quality during bidding and account for additional temporary power sources as may be required by construction in their bids.
  10. Staging locations and construction access routes for construction equipment and materials located outside the Lucas building exact location shall be coordinated with and approved by the state and construction manager. Freight elevator access and outdoor access hatch from the Lucas building into the tunnels available to contractors.
  11. Contractors will be able to utilize truck dock access into tunnels available to the contractor for short durations from the Grimes building on the capitol complex. Coordinate scheduling of deliveries with the construction manager.
  12. This contractor shall remove and dispose of all loose concrete material that can be removed with minimal impact, force, or prying utilizing a hammer, pry bar or other manually operated tool from ceiling and walls within the tunnel system.
  13. This contractor shall remove all existing water infiltration deflectors as required for construction access. Coordinate with the owner and construction manager to salvage any materials requested to be saved and deliver to a location at the facility management center (FMC) on the Capitol Complex. All materials not requested to be salvaged by the owner shall be removed and disposed of by the contractor.
  14. A geotechnical subsurface exploration report was completed for this project and included as part of this project manual for reference for the contractor. Due to the nature of this project, the contractor shall assume there will be variation in soil and moisture conditions at different locations of the tunnel system. The contractor should accommodate this variation in soil and moisture condition with their proposed means and methods and alternate product suitable for varying conditions.

**Unit Price #01** – Add/Remove Joint Repair: Trade Contractor shall include all of the following, but not limited to, as part of the contract:

1. Provide a unit price cost, per tunnel joint location, to add or remove all work associated with a single tunnel joint location. Locations may be added or removed from the project scope by the Owner based on funding availability and if existing conditions warrant the addition/deduction during construction. All additional work and adjustments to scope of work shall be pre-approved by the Owner.
2. Unit price cost shall include all overhead, insurance, profit, material, delivery, labor, and associated costs for the entire joint repair.

3. Confirm specific locations of add/deduct joint location with the construction manager prior to executing this work.
4. Unit Price Joint Repair shall include all preparation, curtain grouting, and crack injection at a single joint location in the tunnel system.
5. Project quantities can be adjusted by 25% before either party has the right to renegotiate the unit prices.

**Unit Price #02** – Add/Remove New Water Infiltration Deflector: Trade Contractor shall include all of the following, but not limited to, as part of the contract:

1. Provide a unit price cost, per location, to add all work associated with installation of a new water infiltration deflector as specified on the drawings. Locations will be selected by the Owner based on existing conditions following the joint repair work. All additional work and adjustments to the scope of work shall be pre-approved by the Owner.
2. Unit price cost shall include all overhead, insurance, profit, material, delivery, labor, mobilization, and associated costs to add a single water infiltration deflector.
3. Confirm specific locations of proposed deflector locations with the construction manager prior to executing this work.
4. Unit Price for a new water infiltration deflector shall include all preparation, material, and installation at a single location in the tunnel system.

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.2	1	Project Schedule				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Contract(s) Issued:                             <ul style="list-style-type: none"> <li>◦ November 2024</li> </ul> </li> <li>• Submittals:                             <ul style="list-style-type: none"> <li>◦ December 2023-January 2024</li> </ul> </li> <li>• Construction:                             <ul style="list-style-type: none"> <li>◦ Following the conclusion of State of Iowa Legislative Session, on or around 6/1/24</li> </ul> </li> <li>• Closeout:                             <ul style="list-style-type: none"> <li>◦ On or around 10/31/24</li> </ul> </li> </ul> <p>A pull-plan session will be held with the successful bid package contractors to finalize the construction schedule.</p> <p>State Holidays: New Year's Day, Martin Luther King Day, Memorial Day, 4th of July, Labor Day, Veterans Day, Thanksgiving and day after Thanksgiving, Christmas Day</p>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
2.3	1	Site Rules				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Onsite supervision by Prime Contractor is required at all times when work by that contractor or their subcontractors/suppliers is taking place.</li> <li>• Contractors shall provide daily logs for each day they are on site.</li> </ul>						

- Bi-weekly construction progress meeting will be established once construction starts.
- It is of the utmost importance to show respect and courtesy to all staff at all times.
- Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.
- No smoking, vaping or smokeless tobacco use onsite.
- Temporary facilities
  - Provided by contractor at their own expense.
  - Restrooms for contractor use will be made available in the Central Energy Plant and in the basement "B" level of the Lucas Building.
- Tool control
  - All tools and equipment shall be monitored and secured at all times. No vehicles shall be left unlocked when unattended at at no times shall keys be left in vehicles when unoccupied.
- Work hours
  - Typical hours are 7 AM - 5 PM Monday-Friday. Other hours can be arranged on an as needed basis.
- View Specification 01 1200 - Contract Summary for more information.

**RFB Overview**

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.1	1	Bid Submission				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Bids are due 2:00 pm, Thursday, November 16th 2023.</li> <li>• The Bid shall be submitted to the Issuing Officer through the IMPACS Electronic Procurement System.                             <ul style="list-style-type: none"> <li>◦ Link and information is in the project manual</li> <li>◦ Contractors will need to register prior to bidding</li> <li>◦ Bidders will need to register regardless of whether it has already done business with the State of Iowa.</li> <li>◦ Bidders should complete the registration process and ensure the ability to log in as soon as possible to ensure Bids can be submitted on the due date.</li> <li>◦ Please make sure the electronic documents submitted contain any required signatures. Digital signatures will be accepted.</li> </ul> </li> <li>• Bid Opening will be held via conference call on 3:00 pm, Thursday, November 16th 2023.</li> <li>• Contractor shall reference section 00 0116 for the bid submittal checklist                             <ul style="list-style-type: none"> <li>◦ <u>Certificate of Site Visit for mandatory Pre-Bid</u></li> <li>◦ Bid Proposal Information</li> <li>◦ Non Discrimination Clause Information</li> <li>◦ Contractor Targeted Small Business Enterprise Pre-Bid Contract Information</li> <li>◦ Bid Security – 5% of total Bid amount</li> </ul> </li> <li>• Apparent low bidder will be required to submit subcontractor/supplier list 48hrs after the bid opening</li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.2	1	Bid Schedule				Open
<p><b>Description</b></p> <ul style="list-style-type: none"> <li>• Questions/Substitutions Due in Writing to Construction.Procurement@iowa.gov:</li> <li>• Addendum Issued: November 3rd 2023</li> <li>• Bids Due: 2:00 pm, Thursday, November 16th 2023.</li> <li>• Tentative NOI Issued: Friday, November 17th 2023</li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.3	1	Administrative Details				Open
<b>Description</b> <ul style="list-style-type: none"> <li>• Contractors will sign a modified ConsensusDocs 802. Example in the project manual.</li> <li>• Project-specific Certificate of Insurance must be provided prior to contract execution. Follow example in the project manual and limits in the 802.</li> <li>• Project-specific P&amp;P bonds must be provided prior to contract execution.</li> <li>• Successful contractor must turn in their list of subcontractors and suppliers within 48 hours of the bid.</li> <li>• DAS will provide tax exempt certificates upon request.</li> <li>• Procure will be used for all project management, at no cost to the trade contractor.                             <ul style="list-style-type: none"> <li>◦ Submittals, Invoicing, RFIs, ASIs, PRs, RFQs</li> <li>◦ Contracts, Change Orders and Certificates of Substantial and Final Completion will also use Docusign</li> </ul> </li> <li>• Contractor Schedule of Values shall be broken out as specified in the project manual.                             <ul style="list-style-type: none"> <li>◦ <b>SOV must contain a closeout line item for at least 1% of the total contract value.</b></li> <li>◦ This line item can only be invoiced once the certificate of final completion has been signed by all parties.</li> </ul> </li> </ul>						

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
3.4	1	Pre-Bid Site Visits				Open
<b>Description</b> We we walk down into the tunnels for those who are in attendance						

**Questions**

No.	Mtg Origin	Title	Assignment	Due Date	Priority	Status
4.1	1	Questions				Open
<b>Description</b> <ul style="list-style-type: none"> <li>• Submit all questions in writing to <a href="mailto:construction.procurement@iowa.gov">construction.procurement@iowa.gov</a></li> </ul>						



Meeting: 9268.01 DAS Tunnel Joint Repair Pre-Bid #1

Date: 11/1/23

Attendees

In Attendance (Initial)	Name	Company
	Travis Hoyle	DCI Group
	SHANE McFARLANE	ECI (ENGINEERING & CONSTRUCTION MANAGEMENT, INC)
	Jason Burg	TNT Truck Painting & Building Restoration
	Mike Mann	Innovative Masonry Restoration
	Brad Owenshaw	Richard Goehle Inc.
	Adam Duffy	WESTERN
	MARK W LOEBERS	BISTATE MASONRY
	MIKE VANITON	MINUTEMAN
	Chris Marvin	Shive-Hattery
	Jennifer Klove	DAS

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