

# Addendum 1 for RFB911800-02

Project Name: IVH Mechanical & Electrical Distribution System Replacement  
DAS RFB #: 911800-02  
DAS Project #: 9118.00  
Date: 06/15/2020

**Bids Due: June 24<sup>th</sup>, 2020 at 2:00pm**

## **CHANGES TO BID SUBMITTAL AND OPENING**

Due to the circumstances surrounding COVID-19, the State is amending the bid submittal and public opening procedures of the above RFB.

Addendum #1:

- Cover Page – (3 page)
- KCL Response – (2 pages)
- Pre-bid Meeting Agenda (3 pages)

## **BID SUBMITTAL**

The Bid shall be submitted to the Issuing Officer through the Iowa VSS electronic bidding system. The link to VSS is: [https://vss.iowa.gov/webapp/VSS\\_ON/AltSelfService](https://vss.iowa.gov/webapp/VSS_ON/AltSelfService).

VSS should be accessed via Internet Explorer. Bidder will need to register regardless of whether it has already done business with the State of Iowa. Click the Register button on the left side of the VSS screen to start the registration process. If you have any issues with registration, please call the helpdesk at 515-281-6614. It is recommended that Bidders complete the registration process today to ensure Bids can be submitted on the due date. Bids should be split into several files if the bid exceeds the 10MB threshold. There is no limit on the number of files which can be uploaded. Please make sure the electronic documents submitted contain all of the required signatures. Digital signatures will be accepted. Bidders without access to electronic means should contact the issuing officer at 515-725-2893.

## **PUBLIC OPENING**

The public opening will be held via conference call only. The call details are below.

Call time: 2:00pm on June 24<sup>th</sup>, 2020

Call number: 617-675-4444

Pin: 266 929 856 4214#

## **REVISIONS**

REVISE 01 1200 Contract Summary section 1.09.A.2 to read: “**Temporary Steam Boiler Allowance #01** – Trade Contractor shall provide an allowance of \$70,000 in their lump sum bid to provide a temporary boiler if deemed necessary. This scope shall include, but not be limited to, as part of the contract.”

REVISE 01 1200 Contract Summary section 1.09.B.2 to read “**Temporary Steam Boiler Allowance #01** - Trade Contractor shall provide an allowance of \$10,000 in their lump sum bid to provide line voltage electrical connections to temporary boiler if deemed necessary and removal of temporary connections once temporary boiler is no longer needed.”

## CLARIFICATIONS/QUESTIONS

- Alternate #1 Electrical to provide installation and termination to pumps. Where there be line item for the electrical portions?
  - Bidders shall provide a cost under the appropriate line item in the bid form for each alternate for the scope of work applicable to their bid package. Alt. #1 line on bid form may be used by each Prime if cost is present.
- Spec 260503 mention coordination/arc flash study. Is that to cover what in the boiler plant and any electrical upgrades? Just need to know how far to go with this, as it could become costly.
  - DELETE 2.1.B.3 and 2.1.B.4. Fault current and arc flash labels not required for this project.
- Commissioning specs 019113 under division 26 Electrical it shows Variable frequency motor controllers. Will that be under Division 23 since they are providing the drives?
  - Bid package #1 shall provide VFDs for installation by bid package #2. Commissioning and controls shall be under bid package #1
- Is there a bid package breaking down what you want the GC to bid on?
  - Yes, please refer to section 01-1200 Contract Summary.
- Are we bidding to you or submitting directly to owner?
  - Bids will be directly to DAS procurement per Addendum 1. DAS (Owner) will be holding each Prime contractors' contract.
- Will DCI have a site superintendent?
  - Yes, DCI Group will have a site superintendent, but each Prime contractor is to have a lead foreman or superintendent onsite while conducting work or sub-contractors are conducting work.
- Will the general contractor be responsible for coordinating MEP trades not under contract with them?
  - General contractor will need to coordinate their work with another bid package.
- Can you confirm the end date?
  - August 23rd, 2021
- Wall type W1, what is the gauge of the studs?
  - Metal wall stud gauge of 20.
- We assume that we will need to header off the ceiling joists at the 2 sets of conduits, how are we to seal around all the conduits?
  - At underside of ceiling assembly, finish drywall to conduits and caulk as required. This may require intermediate framing. At top, cut metal decking to form around conduits. Fill gaps with rated foam sealant.
- Spec Section 055000 2.2.A.1 and 1.2.A.1 call out 1/8" steel jambs for the interior coiling door, the plans call out 1/16", which is correct?
  - Drawing A1.1 – Plans, Sections & Details, #11: REVISE bent plate steel head and jambs to 1/8".
- Spec Section 055000 2.3.A.1 and the plans call out plain steel corner guards, section 1.2.A.2 calls out stainless steel corner guards, which is correct?

- Corner guards to match jamb steel. Prime and field paint to match.
- Had a mechanical contractor ask me for a price on the boiler pad and chiller pad. I did not see any details on the prints for those, we might need that defined a little better. I assume that would still be part of the mechanical package as well.
  - Mechanical prime is responsible for housekeeping pads.
- Is an advantage given to Veteran bidders?
  - No, an advantage is not given to Veteran bidders.
- Was there an engineer's estimate or preliminary valuation given to this project?
  - BP #1 - \$2,763,011 BP #2 - \$185,500 BP #3 - \$130,972
- 360 Photos can be found at the following link:  
<https://app.struactionsite.com/vp/6aed9a96-644f-4444-ba54-08c37fe6d39b>

June 10<sup>th</sup>, 2020

This addendum is issued to modify, clarify, or amend the original Project Drawings and Specifications and is hereby made part of the Contract Documents. The Contractor shall be responsible for incorporating items in this Addendum to the Work. The following shall take precedence over anything to the contrary in the Drawings or Specifications.

### Architectural Specifications:

1. Section 05 50 00 - Metal Fabrications
  - a. **CLARIFY:** Corner guards to match jamb steel. Prime and field paint to match.

### Architectural Drawings:

2. Drawing A1.1 – Plans, Sections & Details, #11:
  - a. **REVISE** bent plate steel head and jambs to 1/8”.
3. Drawing A1.2 – Assemblies and Schedules, Wall type W1:
  - a. **CLARIFY:** Metal wall stud gauge of 20.
4. Drawing A1.2 – Assemblies and Schedules , Ceiling type C1:
  - b. **REVISE:** Provide Firestone Omega VR exposed fastener metal decking in lieu of ¾” fire treated T&G. Galvanized finish. At open corrugated ends continue gypsum to fill profile of corrugation. Seal any gapping.
  - c. **CLARIFY:** At underside of ceiling assembly, finish drywall to conduits and caulk as required. This may require intermediate framing. At top, cut metal decking to form around conduits. Fill gaps with rated foam sealant.

### Mechanical Specifications:

5. Section 23 52 39.13-2 – Scotch Marine Boilers
  - a. **CLARIFICATION:** In Paragraph 2.3.B, boiler shall come with ladder and service platform above the boiler. Contractor shall coordinate with the boiler manufacturer on side of service platform and ladder.
  - b. **CLARIFICATION:** Boiler steam flow meter shall be provided by the boiler manufacturer, and shall be integrated to the control system and graphical interface.

CONSULTING ENGINEERS

Mechanical  
Electrical  
Plumbing  
Lighting  
Technology

6. Section 23 64 16 – Centrifugal Water Chillers
  - c. **REVISE** Paragraph 1.7.A: Provide a five year warranty for machine including materials and labor, except refrigerant.
  - d. **DELETE** Paragraph 2.4.C requirement for marine water box.
  - e. **REVISE** Paragraph 2.4.D: Insulate evaporator and cold surfaces with 1.5 inch minimum thickness flexible insulate with maximum K value of 0.28.
  - f. **DELETE** Paragraph 2.5.C requirement for marine water box.
  - g. **REVISE** Paragraph 2.7.J: Provide 5% line reactor for harmonic mitigation.

Mechanical Drawings:

7. Drawing M600 – Mechanical Schedules:
  - h. **MODIFY** Note 4 on Water Cooled Chiller Schedule to read “1.5 inches of insulation”.

Electrical Specifications:

1. Section 26 05 53 – Identification for Electrical Systems:
  - a. **DELETE** 2.1.B.3 and 2.1.B.4. Fault current and arc flash labels not required for this project.

Electrical Drawings:

- a. None.

End of Addendum.

**June 3<sup>rd</sup> or June 9<sup>th</sup>, 2020 at 10:00 AM**

**Owner/DAS/CM Team Introductions:**

Iowa Department of Administrative Services (DAS) – Brad Tonyan  
Iowa Veterans Home (IVH) – David Haines & Brad VanBaale  
Engineer – KCL Engineering – Matt Faber, James Deeds, and Chad Bass  
Commissioning Agent – System Works – Rick Boozell & Dennis Beery  
Construction Manager – DCI Group – Michael Martin & Steven Baridon

**General Project Description/Overview:**

Decommission of boiler #4, addition of boiler #8, deaerator tank replacement, chiller #7 replacement, cooling tower #5 /#6 /#7 replacement, switch gear enclosure, chiller/steam water metering, lighting replacement, and electrical panel replacement at The Iowa Veterans Home, Marshalltown, Iowa 50158.

**Bid Package Process:**

This RFB will result in one successful proposal per bid package.

- 1) BP #1 – Mechanical
  - a. Allowance #01 – Temporary Boiler
  - b. Allowance #02 – Material Allowance
- 2) BP #2 – Electrical
  - a. Allowance #01 – Temporary Boiler
- 3) BP #3 – General Construction
- 4) Alternates:
  - a. Alternate #01 – Pump 15 & 16 replacement and VFDs
  - b. Alternate #02 – Cooling tower basin conversion
  - c. Alternate #03 – LED lighting upper boiler room
  - d. Alternate #04 – Existing electrical panel BP1 & BP2 replacement. Panel PP will be added to this alternate via addendum.

**BIDS DUE: June 24, 2020 at 2:00 PM**

**MAKE SURE IT IS SUBMITTED TO DAS AS THE REQUEST FOR PROPOSALS READS**

1. Proposal Process
  - a. The Bid shall be submitted to the Issuing Officer through the Iowa VSS electronic bidding system. The link to VSS is: [https://vss.iowa.gov/webapp/VSS\\_ON/AltSelfService](https://vss.iowa.gov/webapp/VSS_ON/AltSelfService).
  - b. VSS should be accessed via Internet Explorer. Bidder will need to register regardless of whether it has already done business with the State of Iowa. Click the Register button on the left side of the VSS screen to start the registration process. If you have any issues with registration, please call the helpdesk at 515-281-6614. It is recommended that Bidders complete the registration process today to ensure Bids can be submitted on the due date. Bids should be split into several files if the bid exceeds the 10MB threshold. There is no limit on the number of files which can be uploaded. Please make sure the electronic documents submitted contain all of the required signatures. Digital signatures will be accepted. Bidders without access to electronic means should contact the issuing officer at 515-725-2893.
  - c. PUBLIC OPENING
    - i. The public opening will be held via conference call only. The call details are below.
    - ii. Call time: 2:00pm on
    - iii. Call number: To be provided by addendum
    - iv. Pin: To be provided by addendum

## 2. Bidding Schedule

- a. All questions after this meeting and prior to **June 18<sup>th</sup>, 2020** by 2:00 PM CST, to be submitted to Construction Procurement at [construction.procurement@iowa.gov](mailto:construction.procurement@iowa.gov). Do not contact DAS, IVH, KCL Engineering, or DCI Group directly for questions or clarifications.
- b. An addendum will be issued to incorporate minutes from Pre-Bid Meetings.
- c. Final addendum will be issued no later than **June 19<sup>th</sup>, 2020** by 2:00 PM CST or no later than 48 hours prior to proposals being due.
- d. Bids due **June 24<sup>th</sup>, 2020** at 2:00 PM CST
- e. Tentatively an NOI will be issued by June 25<sup>th</sup>, 2020

### Scope of Work Overview:

#### 1. Administrative

- a. Agreement between the Owner and Contractor will be a modified ConsensusDocs 802
- b. Procore – State of Iowa project management software
  - i. No cost to the contractor
- c. DocuSign – Contract and change orders will be issued through DocuSign.
  - i. No cost to the contractor
- d. Bid documents - [www.beelineandblue.com](http://www.beelineandblue.com)
- e. Project is tax exempt.
- f. Project is required to abide by Davis Bacon wages.
- g. Pre-construction meetings and submittals.
  - i. Kickoff meeting will be established after contracts are executed
  - ii. Master submittal list will be issued to contractors
  - iii. Meeting to review scopes and alternates/allowances

#### 2. Construction

##### a. *Site Logistics and Building Access*

- i. Staging area will be available in the NW corner of the North gravel lot.
- ii. Parking onsite will be provided in the North gravel lot.
- iii. Bid Package #1 to provide dumpster for non-hazardous debris for all bid packages excluding bid package #3.
- iv. Bid Package #1 to provide temporary restrooms for use by all Contractors.
- v. Work hours will be 7:00 AM to 4:00 PM Monday-Friday. – Contractors will need to provide 48hrs notice for any work outside of these hours, including weekend work.
- vi. Secure all tools and equipment at the end of each day.

##### b. *Construction Schedule*

- i. Anticipated construction work to take place August 14<sup>th</sup>, 2020 through August 23, 2021.
  1. Contractors shall adhere to initial schedule.
  2. A pull-plan session will be held with the successful bid package contractors to confirm durations and finalize sequence to meet end date outlined in initial schedule.
  3. Substantial completion is August 23<sup>rd</sup>, 2021.

##### c. *Onsite Coordination*

- i. Onsite supervision by Prime Contractor is always required when work by that contractor or their subcontractors/suppliers is taking place.
- ii. Daily logs/Weekly Report/Safety Meetings and meeting requirements.
- iii. All areas shall be cleaned and put back to existing conditions prior to substantial completion.

- iv. Contractor shall maintain accurate as-built construction records throughout the project.

### 3. Close out

- a. Electronic and hard copies of all O&M's and as-built drawings to be submitted. Refer to spec. section 01 7700 – Closeout Procedures for more details.

### 4. Site Tour

#### State Rules

1. 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.
2. No smoking or smokeless tobacco use onsite.
3. The staff of the State of Iowa has a responsibility to protect the public by providing a secure
4. environment. All work site rules must be followed to the letter, at all times.
5. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
6. You are permitted access only to the work site and no other area of the facility.
7. No drugs, alcohol, or firearms are allowed on the work site.
8. Do not leave drugs, alcohol, or firearms in your personal vehicle.
9. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.
10. Maintain control of all tools, supplies, and debris at all times during the work.
11. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
12. Do not give anything to residents or take anything from residents; if they offer, inform your supervisor.
13. Secure all tools at the end of each day. Never leave tools unattended. All tools shall be checked in at the beginning of the day and checked out at the end of the day. If security officers find loose tools, they are under orders to turn them in to their supervisor.
14. All delivery vehicles must go directly to the job site.
15. During an emergency, follow the instructions of the security staff.

#### COVID-19

1. PPE will be required to be worn at all times. while they are in the power plant. this will include a procedure mask, face shield or goggles. they will have to provide their own PPE.
2. For mealtimes, Contractors will have to do that outside the buildings.
3. The carpenter shop will be the location where Contractors need to be screened. when Contractors are on site, contact Brad Vanbaale and he will have an escort assigned to that area for the day.
4. Here are the screening questions we will ask. If the crew would say yes to any of them, IVH ask that they not come on site.
  - a. Have you traveled out of the state in the last 14 days?
  - b. have you had prolonged exposure to someone suspected or confirmed to have covid 19?
  - c. Within the past month have you had symptoms like cough, shortness of breath, sore throat, muscle aches loss of taste or smell?
  - d. Your temperature will need to be less than 100 degrees. we will screen that at our screening table.
5. Contractors are not to have any conversations with any residents. conversation with staff will be limited to only maintenance personnel or management.

#### Open Discussion