April 1, 2021

TO THE PROSPECTIVE BIDDER:

RE: WRF Digester Heat Exchanger Improvements
Activity ID: 04-2021-014

We are issuing Addendum No. 1 on the above-referenced project. This Addendum No. 1 modifies, supplements, or replaces information contained in the contract documents. This addendum is hereby made a part of the contract documents.

Each bidder shall acknowledge receipt of each addendum in its proposal in order to have its bid read and considered. Acknowledgment of the receipt of each addendum shall be made by inserting the number of each addendum in the appropriate blank provided for such acknowledgment in the proposal.

The proposal as revised per Addendum No. 1 shall be used to bid this project.

The pre-bid meeting minutes are included but they are not to be considered a part of the addendum.

For more information, visit:

If you have any questions regarding this Addendum No. 1, please contact the Project Manager, Patrick Brown, P.E. at 515-323-8027.

Sincerely,

Steven L. Naber, P.E.
City Engineer

Attach.
ADDENDUM NO. 1
TO THE
BIDDING DOCUMENTS FOR THE DES MOINES METROPOLITAN
WASTEWATER RECLAMATION AUTHORITY
WRF DIGESTER HEAT EXCHANGER IMPROVEMENTS
ACTIVITY ID NO. 04-2021-014

Date: 04-01-2021

TO ALL BIDDERS BIDDING ON THE ABOVE PROJECT: All Bidders submitting a Bid on the above
Contract shall carefully read this addendum and give it consideration in the preparation of their Bid.

1.0 SCOPE:

This Addendum No. 1 consists of revisions to the Front-End Documents under item 3.0, Technical
Specifications as listed under item 4.0 and Supplemental Information as listed under item 5.0.

2.0 The following are revisions to the Drawings: NONE.

3.0 The following revisions are to the Front-End Documents:

The Contract Completion date is being revised and extended from "not later than January 31" to
"not later than March 31, 2022":

1. NOTICE TO BIDDERS:

Attached herein is "NOTICE TO BIDDERS, REVISED PER ADDENDUM NO. 1" which
shall replace said "NOTICE TO BIDDERS" that was included with the original contract
documents.

2. PROPOSAL – PAGE 2:

Delete "PROPOSAL – PAGE 2" and replace with "PROPOSAL – PAGE 2, REVISED
PER ADDENDUM NO. 1" attached herein. NOTE: include this "PROPOSAL – PAGE
2, REVISED PER ADDENDUM NO. 1" included with this Addendum No. 1 when
returning the Bid Proposal.

3. CONTRACT- PAGE 1:

Attached herein is "CONTRACT – PAGE 1, REVISED PER ADDENDUM NO. 1",
which shall replace said "CONTRACT – PAGE 1" that was included with the original
contract documents, and which will be inserted in the final contract.

4.0 The following are revisions to the Technical Specifications:

1. SECTION 13442 – PRIMARY METERS AND TRANSMITTERS
   A. Part 2.1 A. 2. ADD the following:
d. Foxboro.
e. Daniel Industries, Inc.
f. Approved equal.

B. DELETE Part 2.1.A.4 in its entirety (acceptable manufacturers are listed under 2.1.A.2).

C. Part 2.1. A. 6. ADD the following:
e. Accuracy: plus/minus 1.0 percent of flow.
f. Install meter per manufacturer’s required length of straight pipe run upstream and downstream of the meter.

5.0 Supplemental Information
The following attachments are NOT contract documents and are provided as reference information for use by prospective bidders:

1. A copy of the meeting minutes and sign-in sheet from the pre-bid conference, held on March 29, 2021 at 1:00PM at the Wastewater Reclamation Facility are attached to this Addendum.

THIS ADDENDUM IS MADE PART OF THE CONTRACT DOCUMENTS AND SHALL BE NOTED ON THE PROPOSAL.

END OF ADDENDUM NO. 1
NOTICE TO BIDDERS

DES MOINES METROPOLITAN WASTEWATER RECLAMATION AUTHORITY PUBLIC IMPROVEMENT

Time and Place for Filing Sealed Proposals. Sealed bids for the work comprising each improvement as stated below must be filed at or before 11:00 a.m. on April 6, 2021, in the office of the City Clerk, 1st Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, 50309.

Accessibility for individuals with disabilities. The City of Des Moines is pleased to provide accommodations to individuals with disabilities or groups and encourages participation in City government. To better serve you, please notify us at least three business days in advance when possible at 515-283-4209, should special accommodations be required.

Time and Place Sealed Proposals Will be Opened and Considered. Sealed proposals will be opened and bids tabulated at 11:00 a.m., on April 6, 2021, in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, for consideration by the Des Moines Metropolitan Wastewater Reclamation Authority Board (WRA Board) at its meeting on April 20, 2021. The Des Moines Metropolitan Wastewater Reclamation Authority (Jurisdiction) reserves the right to reject any and all bids.

Time for Commencement and Completion of Work. Work on each improvement shall be commenced upon approval of the contract by the WRA Board, and completed as stated below.

Bid Security. Each bidder shall accompany its bid with bid security as defined in Section 26.8 of the Iowa Code and as specified by the Jurisdiction.

Contract Documents. Copies of the contract documents will be available after March 16, 2021, from the City Engineer’s Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, at no cost, phone (515-283-4573).

Preference for Iowa Products and Labor. By virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the State of Iowa, and to Iowa domestic labor, to the extent lawfully required under Iowa statutes.

Sales Tax. The bidder should not include sales tax in the bid. A sales tax exemption certificate will be available for all material purchased for incorporation in the project.

General Nature of Public Improvement.

WRF Digester Heat Exchanger Improvements, 042021014

The improvement includes removal and replacement of four digester sludge heat exchangers, sludge piping, hot water piping, valves, instruments, and other incidental items in Buildings 80-1, 80-2, and 80-3; all in accordance with the contract documents, including Plan File Nos. 626-054/067, located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa.

This project shall be fully completed not later than March 31, 2022.

Engineer’s Construction Estimate. $926,000.00

Preletting Conference. A pre-letting conference will be held at 1:00 p.m., March 29, 2021, at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa.
PROPOSAL

To the Chairperson and Members of the Board of
the Des Moines Metropolitan Wastewater
Reclamation Authority

PROPOSAL: PART A - SCOPE

The Des Moines Metropolitan Wastewater Reclamation Authority, hereinafter called the "Jurisdiction", has need of a qualified contractor to complete the work comprising the below referenced improvement. The undersigned Bidder hereby proposes to complete the work comprising the below referenced improvements or project as specified in the contract documents, which are officially on file with the Jurisdiction, in the Des Moines City Engineer's Office, at the prices hereinafter provided in Part C of this Proposal, for the following described improvements:

WRF Digester Heat Exchanger Improvements, 042021014

The improvement includes removal and replacement of four digester sludge heat exchangers, sludge piping, hot water piping, valves, instruments, and other incidental items in Buildings 80-1, 80-2, and 80-3; all in accordance with the contract documents, including Plan File Nos. 626-054/067, located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa

PROPOSAL: PART B - ACKNOWLEDGEMENT OF ADDENDA

The Bidder hereby acknowledges that all addenda become a part of the contract documents when issued, and that each such addendum has been received and utilized in the preparation of this bid. The Bidder hereby acknowledges receipt of the following addenda by inserting the number of each addendum in the blanks below:

ADDENDUM NUMBER ____________ ADDENDUM NUMBER ____________
ADDENDUM NUMBER ____________ ADDENDUM NUMBER ____________

and certifies that said addenda were utilized in the preparation of this bid.

PROPOSAL: PART C - BID ITEMS, QUANTITIES AND PRICES

UNIT BID PRICE CONTRACTS: The bidder must provide all unit prices, the amount, the total construction cost, any alternate price(s), and the total construction cost plus any add-alternates if there are alternates on the proposal on Proposal Attachment: Part C - Bid Items, Quantities, and Prices. The total construction cost plus any alternates selected by the Jurisdiction shall be used for comparison of bids. The total construction cost plus any add-alternates shall be used for determining the sufficiency of the bid security.

PROPOSAL Page 1 of 4
BASE BID CONTRACTS: The bidder must provide any bid price(s), the total base bid price, any alternate price(s), and the total base bid plus any add-alternates if there are alternates on the proposal on Proposal Attachment: Part C - Bid Items, Quantities, and Prices. The total base bid plus any alternates selected by the Jurisdiction shall be used for comparison of b/ds. The total base bid plus any add-alternates shall be used for determining the sufficiency of the bid security.

PROPOSAL: PART D - GENERAL

The Bidder hereby acknowledges that the Jurisdiction, in advertising for public bids for this project, reserves the right to:

1. Reject any or all bids. Award of the contract, if any, to be to the lowest responsible, responsive bidder; and
2. Reject any or all alternates in determining the items to be included in the contract. Designation of the lowest responsible, responsive bidder to be based on comparison of the total bid plus any selected alternates; and
3. Make such alterations in the contract documents or in the proposal quantities as it determines necessary in accordance with the contract documents after execution of the contract. Such alterations shall not be considered a waiver of any conditions of the contract documents, and shall not invalidate any of the provisions thereof; and

The Bidder hereby agrees to:

1. Enter into a contract, if this proposal is selected, in the form approved by the Jurisdiction and provide the following documents:
   - Proof of registration with the Iowa Division of Labor in accordance with Chapter 91C of the Iowa Code by providing a valid Registration Number,
   - Proof of insurance by a Certificate(s) of Insurance,
   - A performance, maintenance, and payment bond; and
2. Forfeit bid security, not as a penalty but as liquidated damages, upon failure to enter into such contract and/or to furnish said documents and information as requested in Item 1 above acceptable to the Des Moines City Engineer; and
3. Commence the work on this project on or before a date to be specified in a written notice to proceed by the Jurisdiction, and to fully complete the project not later than March 31, 2022; and to pay liquidated damages for noncompliance with said completion provisions at the rate of One Thousand and 00/100 ($1,000.00) for each calendar day thereafter that the work remains incomplete.

PROPOSAL: PART E - NON-COLLUSION AFFIDAVIT

The Bidder hereby certifies:

1. That this proposal is not affected by, contingent on, or dependent on any other proposal submitted for any improvement with the Jurisdiction; and
2. That no individual employed by the Bidder has employed any person to solicit or procure the work on this project, nor will any employee of the Bidder make any payment or agreement for payment of any compensation in connection with the procurement of this project; and
ENGINEERING DEPARTMENT  
CITY OF DES MOINES, IOWA  

CONTRACT NO.  
DATE  
4/20/2021  
WRA BOARD RESOLUTION NO.  

CONTRACT

THIS CONTRACT, made and entered into at Des Moines, Iowa, on ____________, by and between the Des Moines Metropolitan Wastewater Reclamation Authority, by its WRA Board Chair, upon order of its Des Moines Metropolitan Wastewater Reclamation Authority Board, hereinafter the "Jurisdiction", and ________________________________________, hereinafter the "Contractor".

WITNESSETH:

The Contractor hereby agrees to complete the work comprising the below referenced improvement as specified in the contract documents, which are officially on file with the Jurisdiction, in the Des Moines City Engineer's Office. This contract includes all contract documents. The work under this contract shall be constructed in accordance with the SUDAS Standard Specifications, 2020 Edition; and as further modified by the supplemental specifications and special provisions included in said contract documents, and the Contract Attachments attached hereto. The Des Moines City Engineer is the Engineer. The Contractor further agrees to complete the work in strict accordance with said contract documents, and to guarantee the work as required by law, for the time required in said contract documents, after its acceptance by the Jurisdiction.

This contract is awarded and executed for completion of the work specified in the contract documents for the bid prices shown on the Contract Attachment: Item 2: Bid Items, Quantities and Prices which were proposed by the Contractor in its proposal submitted in accordance with the Notice to Bidders for the following described improvements:

WRF Digester Heat Exchanger Improvements, 042021014

The improvement includes removal and replacement of four digester sludge heat exchangers, sludge piping, hot water piping, valves, instruments, and other incidental items in Buildings 80-1, 80-2, and 80-3; all in accordance with the contract documents, including Plan File Nos. 626-054/067, located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa

The Contractor agrees to perform said work for and in consideration of the Jurisdiction's payment of the bid amount of ________________________________ dollars ($______________________) which amount shall constitute the required amount of the performance, payment, and maintenance bond. The Contractor hereby agrees to commence work under this contract on or before a date to be specified in a written notice to proceed by the Jurisdiction and to fully complete the project not later than March 31, 2022; and to pay liquidated damages for noncompliance with completion provision in the amount of One Thousand and 00/100 dollars ($1,000.00), for each calendar day thereafter that the work remains incomplete.
IN WITNESS WHEREOF, the Parties hereto have executed this instrument, in triplicate on the date first shown written.

<table>
<thead>
<tr>
<th>JURISDICTION:</th>
<th>CONTRACTOR:</th>
</tr>
</thead>
<tbody>
<tr>
<td>By Paul Moritz, WRA Board Chair</td>
<td>Contractor</td>
</tr>
<tr>
<td>(Seal) ATTEST:</td>
<td>By Signature</td>
</tr>
<tr>
<td>Michael McCoy, Board Secretary</td>
<td>Title</td>
</tr>
<tr>
<td>FORM APPROVED BY:</td>
<td>Street Address</td>
</tr>
<tr>
<td>Kathleen Vanderpool, Deputy City</td>
<td>City, State - Zip</td>
</tr>
<tr>
<td>Attorney</td>
<td>Telephone Number / Email Address</td>
</tr>
</tbody>
</table>

**CONTRACTOR PUBLIC REGISTRATION INFORMATION To Be Provided By:**

1. **All Contractors:** The Contractor's Public Registration Number, issued by the Iowa Commissioner of Labor pursuant to Section 91C.5 of the Iowa Code, is as follows:
   - Number

2. **Out-of-State Contractors:**
   
   **A.** Pursuant to Section 91C.7 of the Iowa Code, an out-of-state contractor, before commencing a contract in excess of five thousand dollars in value in Iowa, shall file a bond with the division of labor services of the department of workforce development. The contractor should contact 515-242-5871 for further information. Prior to contract execution, the City Engineer may forward a copy of this contract to the Iowa Department of Workforce Development as notification of pending construction work. It is the contractor's responsibility to comply with said Section 91C.7 before commencing this work.

   **B.** Prior to entering into contract, the designated low bidder, if it be a corporation organized under the laws of a state other than Iowa, shall file with the Engineer a certificate from the Secretary of the State of Iowa showing that it has complied with all the provisions of Chapter 490 of the Code of Iowa, or as amended, governing foreign corporations. For further information contact the Iowa Secretary of State Office at 515-281-5204.

**NOTE:** All signatures on this contract must be original signatures in ink, copies or facsimile of any signature will not be accepted.
PRE-BID CONFERENCE
WRF Digester Heat Exchanger Improvements
04-2021-014

March 29, 2021 1:00 PM
MINUTES

The pre-bid conference for the WRF Digester Heat Exchanger Improvements project was held at 1:00 PM on Monday, March 29, 2021 in the Conference Room of Building 91 at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa, 50317. Those in attendance at the pre-bid conference are shown on the attached roll.

1. Introduction of city and consultant staff.

2. Review of bid documents and bidding procedures.

Melissa Schlickbernd with WRA briefly reviewed the bid forms. Anyone with questions should request clarification from WRA.

   a. Instructions to bidders.
      1) Make sure to fill out ALL forms.
      2) Bid bond in separate envelope.
   b. Acknowledgment of addenda on proposal.
   c. No sales tax required for this project, sales tax exempt forms will be issued to contractor at start of project.
   d. “Or equals” will not be reviewed before the bid. Items that meet the specifications may be bid and will be reviewed after the bid during the submittal phase of the project.
   e. No Davis-Bacon wages.
   f. Make sure to fill in and signs all forms (i.e. DBE, etc.) even if not utilizing or non-applicable.

3. Anticipated/approximate milestone dates:
   • Bid opening: April 6, 2021
   • Contractor submit executed contract documents: By noon April 16, 2021
   • Contract award: April 20, 2021
   • Notice to Proceed: Approximately May 2021
   • Final project completion: No later than January 31, 2022

4. Project Description: The improvement includes removal and replacement of four digester sludge heat exchangers, sludge piping, hot water piping, valves, instruments, and other incidental items in Buildings 80-1, 80-2, and 80-3.

Patrick Brown and Melissa Schlickbernd reviewed the scope of the project. Some major items mentioned include:
- Bldg. 80-1: existing heat exchangers remain but replacing some piping
- Bldg. 80-2: replace heat exchangers and piping
- Bldg. 80-3: replace heat exchangers and piping
- Site constraints with constant hauled waste truck traffic around Bldgs. 80-1, 80-2, and 80-3. Reviewed Sheet 00G001
- One heat exchanger and associated hot water service in each building shall remain in service at all times.
- Heat exchanger rooms are Class 1, Div 1 area classification. Electrical rooms are unclassified.

5. Questions and comments from contractors and suppliers.

1. A potential bidder asked about the project completion date if the equipment lead time isn’t until early October at the earliest. WRA will verify lead time with equipment supplier and will revise project completion date via Addendum, if necessary.

2. A potential bidder asked about the location of the orifice style flowmeters with regards to the required straight pipe runs upstream/downstream of the meter. WRA will verify with manufacturers and will revise contract documents via Addendum, if necessary.

6. Site tour

Attendees toured the project site.
<table>
<thead>
<tr>
<th>NAME &amp; ORGANIZATION</th>
<th>PHONE NUMBER</th>
<th>EMAIL ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJA / JouST</td>
<td>515-697-3530</td>
<td><a href="mailto:joust@ajamw.com">joust@ajamw.com</a></td>
</tr>
<tr>
<td>7:J. Roberts</td>
<td>515-202-3032</td>
<td><a href="mailto:RJRoberts@sky.com">RJRoberts@sky.com</a></td>
</tr>
<tr>
<td>Dee Petty, Proctor Mechanical</td>
<td>515-250-9255</td>
<td><a href="mailto:dpetty@proctor-mech.com">dpetty@proctor-mech.com</a></td>
</tr>
<tr>
<td>Rich Germain, Woodruff</td>
<td>515-609-1942</td>
<td><a href="mailto:rich@woodruff.build">rich@woodruff.build</a></td>
</tr>
<tr>
<td>Greg, Meade, Midcon, Inc.</td>
<td>505-459-3581</td>
<td><a href="mailto:greg@meadeconstr.com">greg@meadeconstr.com</a></td>
</tr>
<tr>
<td>Adam, Summar WRA</td>
<td>515-979-9901</td>
<td><a href="mailto:asummar@wra.org">asummar@wra.org</a></td>
</tr>
<tr>
<td>Patrick Brown, WRA</td>
<td>515-323-8027</td>
<td><a href="mailto:pbrown@wra.org">pbrown@wra.org</a></td>
</tr>
<tr>
<td>Michael Williams, Estimating</td>
<td>307-688-0416</td>
<td><a href="mailto:estimating@wra.org">estimating@wra.org</a></td>
</tr>
<tr>
<td>Melissa Schlicker, WRA</td>
<td>515-323-8028</td>
<td><a href="mailto:mschlicker@wra.org">mschlicker@wra.org</a></td>
</tr>
</tbody>
</table>