August 28, 2015

To: All Contract Document Holders

RE: Addendum to the Contract Documents for the Manchester Tank Miscellaneous Improvements and Tank Coating Project Contract 1 – Mechanical, Electrical and Miscellaneous Work

Attached is a copy of Addendum Number One for the Manchester Tank Miscellaneous Improvements and Tank Coating Project Contract 1 – Mechanical, Electrical and Miscellaneous Work project. This Addendum supersedes and updates the Contract Document information for Bid No. ITB-4399. All Bidders shall acknowledge receipt and acceptance of this Addendum Number One by so indicating on the Invitation to Bid Form located in the existing Contract Documents. Bids submitted without acknowledgment of receipt of this Addendum will be considered informal. If you have any questions regarding the Contract Documents or this Addendum, please contact Brian Rubel, PE, Tetra Tech, Project Engineer by email at brian.rubel@tetratech.com.

Sincerely,

Brian Steglitz, P.E.
Plant Manager
City of Ann Arbor Water Treatment Plant

enc.
ADDENDUM NO. 1
TO
BID DOCUMENTS
FOR
MANCHESTER TANK MISCELLANEOUS IMPROVEMENTS AND TANK COATING PROJECT
CONTRACT NO. 1 – MECHANICAL, ELECTRICAL AND MISCELLANEOUS WORK
FOR THE
CITY OF ANN ARBOR, MICHIGAN

The following changes, additions, and/or deletions shall be made to the Bid Documents for the Manchester Tank Miscellaneous Improvements and Tank Coating Project Contract No. 1 – Mechanical, Electrical and Miscellaneous Work on which bids are to be received, on or before, 2:00 P.M. Thursday, September 3, 2015.

The information contained herein shall take precedence over the original documents and all previous addenda, and is appended thereto.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1, including all attachments, by so indicating on page ITB-1 of the Invitation to Bid Form. Bids submitted without acknowledgement of receipt of this addendum will be considered informal.

Changes in the Bid Documents which are outlined below are referenced to a page or drawing in which they appear conspicuously. The Bidder is to take note in its review of the documents and include these changes as they affect work or details in other areas not specifically referenced here. Changes to the original text are bolded and italicized.

CORRECTIONS/ADDITIONS/DELETIONS
SPECIFICATIONS

Replace the Table of Contents, PAGES TC-1 to TC-3, with the attached Table of Contents, PAGES TC-1 to TC-3

Replace the Bid Forms, PAGES BF-1 to BF-5, with the attached Bid Forms, PAGES BF-1 to BF-6.

After Instructions to Bidders, PAGE IB-5. Add attached SUPPLEMENTAL INSTRUCTIONS TO BIDDERS PAGE, SIB-1

After General Conditions, PAGE GC-19. Add attached SUPPLEMENTAL GENERAL CONDITIONS, PAGE SGC-1.
DETAILED SPECIFICATIONS

Specification 01 11 00, Section 1.06. Add, “C. When CONTRACTOR is not on-site, dry interior of tank shall remain secure.”

Specification 01 27 00, SCHEDULE OF UNIT PRICES. Add,

| Description: | Aviation Light Temporary Power |
| Payment: | Lump Sum. |
| Measurement: | Each. |
| Work Required: | Includes providing temporary power to maintain operation of aviation beacon as described in. Temporary power supply line shall be run through rigid conduit or other protective covering along the ground. |

Specification 01 31 00, Section 1.03.C. Add, “3. CONTRACTOR shall coordinate with successful bidder for Contract 2. Coordination of such Contract No. 2 items including, but not limited to, disinfection schedule, electrical conduit painting, telecommunications companies, and other tasks will be required.”

Specification 01 31 00, Section 1.06. Delete B in its entirety. Replace A with the following: “A. OWNER will bring the tank water level down to elevation of hydrant at ground level. CONTRACTOR will be responsible to remove remaining water from the system needed to complete work. CONTRACTOR shall either ground discharge or dispose of remaining water in sanitary sewer.”

Specification 01 50 00, Section 3.02.B, Add, “3. Temporary Power for Aviation Beacon (Alternate No. 1): Contractor shall provide temporary power to maintain operation of aviation beacon. Temporary power supply line shall be run through rigid conduit or other protective covering along the ground. Work will consist of establishing and maintaining electrical service during the time when permanent power to the site is interrupted. Work will consist of wire and conduit installation from power source to aviation beacon on top of tank.

Specification 01 50 00, Section 3.04, Add, “H. Security Enclosure and Lockup: Install temporary enclosure of partially completed areas of construction. Provide locking entrances to prevent unauthorized entrance, vandalism, theft, and similar violations of security.

1. Where materials and equipment must be stored, and are of value or attractive for theft, provide a secure lockup. Enforce discipline in connection with the installation and release of material to minimize the opportunity for theft and vandalism.”

DRAWINGS

Sheet E-102. Replace indication of LED 4 fixtures with LED 2 fixtures.

Sheet E-601. Delete LED 4 from the Luminaire Schedule.
Sheet ED-101. Eliminate note 2.11. Beacon will not be removed prior to painting.

QUESTIONS AND ANSWERS

Q: If the painting contractor does not make the tank available on July 2, 2016 will additional
   time be granted to this contract?
A: It is the City’s intention to give the successful bidder up to 45 consecutive calendar days
   after painting to reach substantial completion for this contract, and 15 additional
   consecutive calendar days thereafter for final completion.

Q: Will mounting the light brackets be performed in this contract or Contract 2?
A: Mounting of the light brackets will be completed by the successful bidder of this contract
   (Contract No. 1) including grinding of welds and paint touch-up as required to any tank
   surface disturbed by the installation.

Q: Regarding Specification Section 01 31 00, Part 1 – General, 1.06 Tank Decommissioning
   (shutdown), A: Under which Contract does the responsibility belong?
A: Tank decommissioning is the responsibility of Contract No. 1 Contractor.

Q: Regarding Specification Section 01 31 00, Part 1 – General, 1.06 Tank Decommissioning
   (shutdown), A: if the option to remove the discharged water from the tank site is used
   will the City of Ann Arbor allow for water from the tank site to be discharged at the Ann
   Arbor Sewer Facility at no cost?
A: See corrections to specifications above.

Q: Regarding Specification Section 01 11 00, Part 1 – General, 1.03 Work Sequence, C, 1, n
   – Start-up and Commissioning, please clarify the following:

   Q: Under which Contract does this responsibility belong?
   A: Contract No. 1 Contractor shall coordinate with Contract No. 2 Contractor to
      schedule Contract No. 2 disinfection work. Contract No. 1 Contractor shall
      coordinate with Owner to schedule tank start-up and commissioning work to be
      performed by Owner.

   Q: What start-up procedures will be required? What procedures will be required to
      recommission the tank?
   A: Start-up will begin with disinfection performed by Contract No. 2 Contractor.
      Re-commissioning procedures will be performed by the Owner.

   Q: Who is responsible for the cost of the water to refill the tank?
   A: The Owner will provide the water to refill the tank.

   Q: How will the water in the tank be disinfected? Who is responsible for tank
      disinfection costs?
   A: All disinfection work will be completed under Contract No. 2. Costs associated
      with tank disinfection shall be the responsibility of Contract No. 2 Contractor.
Q: What procedure will be required for tank disinfection? Who is responsible for the testing required for the disinfection of the tank system?
A: Disinfection procedures, including testing, are defined in the Contract No. 2 Specifications.

Q: Please confirm that Contract No. 2 Contractor will be responsible for all cleaning and disinfection required after all the work performed by the Contract No. 2 Contractor has been completed and prior to Contract No. 1 Contractor mobilizes.
A: Contract No. 2 Contractor will be responsible for all cleaning required after all the work performed by the Contract No. 2 Contractor has been completed and prior to Contract No. 1 Contractor remobilizes.

However, Contract No. 2 Contractor will be responsible for all disinfection required after both Contract No. 1 and Contract No. 2 are substantially complete.

Q: Regarding E-502, what is the size and length of the pipe receiving heat tape?
A: As indicated on E-102, Heat Tracing for the level instrument (LIT-1) is ¾” SST tubing and is approximately 6ft long.

Q: Regarding D-103, is the sump pump discharge piping receiving heat tracing? Please verify the length to be heat traced.
A: As indicated on E-102, Heat Tracing for the sump pump discharge piping length extend from top of platform to penetration at tank basebell. See D-103 for suggested route, pipe type and size. The length of piping may be scaled from the drawing. The final length to be heat traced may change slightly based on the final pipe routing as proposed by the Contractor.

END OF ADDENDUM
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Detailed Specifications

Division 1 – General Requirements

Section 01 11 00 Summary of Work
Section 01 21 00 Allowances
Section 01 27 00 Measurement and Payment
Section 01 29 00 Applications for Payment
Section 01 31 00 Project Coordination
Section 01 33 00 Submittals
Section 01 50 00 Temporary Facilities
Section 01 60 00 General Equipment Stipulations
Section 01 77 00 Contract Closeout

Division 2 – Sitework

Section 02 22 50 Selective Demolition

Division 3 – Concrete

Section 03 31 00 Concrete Work

Division 5 – Steel

Section 05 00 00 Metal Repairs
Division 13 – Special Construction

Section 13 41 00  Basic Instrumentation Requirements
Section 13 42 30  Level Measurement
Section 13 43 00  Control Panels and Consoles
Section 13 45 00  Programmable Logic Controllers

Division 15 – Mechanical

Section 15 08 00  Mechanical Insulation
Section 15 10 00  Pressure Process Piping
Section 15 10 50  Basic Plumbing Material and Methods
Section 15 11 00  Process Valves
Section 15 76 80  Terminal Heating Units - Electrical

Division 16 – Electrical

Section 16 05 00  Basic Electrical Requirements
Section 16 07 00  Supporting Devices
Section 16 07 50  Electrical Identification
Section 16 12 00  Wires and Cables
Section 16 13 00  Raceways
Section 16 13 50  Cabinets, Boxes and Fittings
Section 16 14 00  Wiring
Section 16 51 00  Lighting Fixtures

APPENDIX A

Analytical Lab Report – Paint Lead Test Results

ATTACHMENTS

City of Ann Arbor Living Wage Forms
City of Ann Arbor Vendor Conflict of Interest Disclosure Form
City of Ann Arbor Non-Discrimination Ordinance Notice and Declaration Form

Drawings

GENERAL

G-000  COVER SHEET
G-001  LEGEND & NOTES
SUPPLEMENTAL INSTRUCTIONS TO BIDDERS

Bidders shall submit with their Bid, responses to the following. Responses shall be prepared to numerically match the itemized list as follows:

1. Bidder shall submit a formal/written safety program.

2. Bidder shall describe the job site safety program for this project and specific safety policies in which employees must be in compliance.

3. Bidder shall provide the organization’s most current OSHA 300 logs or reasons why this organization is exempt from OSHA 300 reporting.

4. Bidder shall provide the organization’s most recent OSHA recordable incident rate, DART rate, and lost workday rate.

5. If applicable, bidder shall provide the organization’s excavation and trench safety program. Within this program, please identify the organization’s Qualified Person for excavation and trench safety that will be on-site daily.

6. Bidder shall identify the project safety team, their qualifications, duties and city(s) of residence.

7. Bidder shall identify any major accidents or incidents that resulted in major injury or deaths that have occurred on a project site controlled by the firm, or any subcontractor(s) (at any contractual level), that had any major injury or death on a project site? If so, describe how the organization has revised the program.
BID FORM

Section 1 – Schedule of Prices

Project: Manchester Tank Miscellaneous Improvements and Tank Coating Project – Contract No. 1 - Mechanical, Electrical and Miscellaneous Work
ITB No.: 4399

Bidder’s Name: ___________________________________________________________________

Notes:
1. All bidders shall provide a Unit Price and Total Price for all bid items specified.
2. Quantities included in the bid table represent estimated quantities for different work. The CONTRACTOR shall be compensated for the actual number of items completed using the unit prices provided.
3. The City, at its sole discretion, may elect to delete any portion of the work delineated below, with no change to the unit prices provided. Work shall be determined based upon the availability of funds.
4. Any item not provided in the following list shall be considered incidental.
5. Contract shall be awarded based on the base bid or any combination of a base bid and alternate bid in any manner the City believes to be in its best interest.

Bid Items
The Bidder agrees to complete the Project and all related work, as specified and shown on the drawings, for the following unit prices.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Item Description</th>
<th>Qty</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mechanical/Piping Improvements</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2.</td>
<td>Electrical/Instrumentation Improvements</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3.</td>
<td>Overflow Channel</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>4.</td>
<td>All Other Work</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>5.</td>
<td>Start-up</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>6.</td>
<td>Final Closeout</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>7.</td>
<td>Permit Allowance</td>
<td>1</td>
<td>LS</td>
<td>$3,500</td>
<td>$3,500</td>
</tr>
<tr>
<td>8.</td>
<td>Utility Allowance</td>
<td>1</td>
<td>LS</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
</tbody>
</table>

TOTAL BASE BID (ITEMS 1 THROUGH 8) $_____

Total Base Bid: ________________________________ Dollars
($________________)

(Amount shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern.)

BF-1

2015 Construction Rev 1
Alternates
Bidder shall provide cost for providing temporary power to the aviation beacon.

Alternate No. 1 – Aviation Light Temporary Power

Add: ________________________________ Dollars ($________________)
(Amount shall be shown in both words and figures. In case of a discrepancy, the
amount shown in words shall govern.)
The Base Bid proposal price shall include materials and equipment selected from the designated items and manufacturers listed in the bidding documents. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

If the Contractor wishes to quote alternate items for consideration by the City, it may do so under this Section. A complete description of the item and the proposed price differential must be provided. Unless approved at the time of award, substitutions where items are specifically named will be considered only as a negotiated change in Contract Sum.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Add/Deduct Amount</th>
</tr>
</thead>
</table>

If the Bidder does not suggest any material or equipment alternate, the Bidder **MUST** complete the following statement:

For the work outlined in this request for bid, the bidder does NOT propose any material or equipment alternate under the Contract.

Signature of Authorized Representative of Bidder ________________________________
BID FORM

Section 3 - Time Alternate

If the Bidder takes exception to the time stipulated in Article III of the Contract, Time of Completion, page C-2, it is requested to stipulate below its proposed time for performance of the work. Consideration will be given to time in evaluating bids.

If the Bidder does not suggest any time alternate, the Bidder MUST complete the following statement:

For the work outlined in this request for bid, the bidder does NOT propose any time alternate under the Contract.

Signature of Authorized Representative of Bidder

____________________________
For purposes of this Contract, a Subcontractor is anyone (other than the Contractor) who performs work (other than or in addition to the furnishing of materials, plans or equipment) at or about the construction site, directly or indirectly for or on behalf of the Contractor (and whether or not in privity of Contract with the Contractor), but shall not include any individual who furnishes merely the individual's own personal labor or services.

For the work outlined in these documents the Bidder expects to engage the following major subcontractors to perform the work identified:

<table>
<thead>
<tr>
<th>Subcontractor (Name and Address)</th>
<th>Work</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piping</td>
<td></td>
<td></td>
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<tr>
<td>Structural</td>
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<tr>
<td>Mechanical</td>
<td></td>
<td></td>
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<tr>
<td>Misc Metal Work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If the Bidder does not expect to engage any major subcontractor, the Bidder MUST complete the following statement:

For the work outlined in this request for bid, the bidder does NOT expect to engage any major subcontractor to perform work under the Contract.

Signature of Authorized Representative of Bidder _________________________________
BID FORM

Section 5 – References

Include a minimum of three reference from similar project completed within the past ten years consisting of work of similar complexity involving coordination of multiple trades.

Refer also to Instructions to Bidders for additional requirements, if any.

1) ____________________________  ____________________________  ____________________________
   Project Name  Cost  Date Constructed

   ____________________________  ____________________________
   Contact Name  Phone Number

2) ____________________________  ____________________________  ____________________________
   Project Name  Cost  Date Constructed

   ____________________________  ____________________________
   Contact Name  Phone Number

3) ____________________________  ____________________________  ____________________________
   Project Name  Cost  Date Constructed

   ____________________________  ____________________________
   Contact Name  Phone Number
SUPPLEMENTAL GENERAL CONDITIONS

General Safety Requirements

The Contractor shall be responsible for ensuring compliance with the most stringent provisions of the applicable statutes and regulations of the Michigan Occupational Safety and Health Act 154 of 1974, the Occupational Safety and Health Act of 1970, and all City of Ann Arbor safety policies. The Contractor shall flow down all these requirements to any subcontractor performing work under the contract. Should charges of violation of any of the above be issued to the Contractor in the course of the work, a copy of each charge shall be immediately forwarded to the City along with a plan to correct the violation.

Upon the failure of the Contractor to comply with any of these requirements, the City’s Representative shall have the authority to stop any and all operations of the Contractor affected by such failure until such failure is remedied. No part of the time lost due to any such stop orders shall be made subject to a claim or extension of time or increase in compensation.

All materials, equipment, and supplies provided to the City of Ann Arbor must comply fully with all safety requirements as set forth by the Michigan Occupational Safety and Health Act 154 of 1974 and all applicable OSHA Standards.