



**CITY OF ANN ARBOR, MICHIGAN**  
Public Services Area/Water Treatment  
919 Sunset Road  
Ann Arbor, Michigan 48103

Web: [www.a2gov.org](http://www.a2gov.org)

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**

**Bid No. ITB-4399**

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@tetrattech.com](mailto:brian.rubel@tetrattech.com).

Sincerely,

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

enc.

August 28, 2015

**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 ran 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 ran 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**

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### **Division 2 - Sitework**

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### **Division 3 – Concrete**

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### **Division 13 – Special Construction**

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Section 16 05 00	Basic Electrical Requirements
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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

## **CIVIL**

C-101	GENERAL SITE PLAN
C-301	TANK ELEVATION PROPOSED IMPROVEMENTS
C-500	SITE DETAILS

## **PROCESS**

D-001	PIPING LEGEND
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D-102	INTERIOR TANK GROUND LEVEL DEMOLITION
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E-801	ELECTRICAL CONTROL PANEL
E-802	ELECTRICAL CONTROL PANEL
ED-101	ELECTRICAL REMOVAL PLAN
ED-102	ELECTRICAL DEMO PLAN



## **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 organizations 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.

<b>MANCHESTER TANK MISCELLANEOUS IMPROVEMENTS AND TANK COATING PROJECT, CONTRACT NO. 1 – MECHANICAL, ELECTRICAL AND MISCELLANEOUS WORK</b>					
<b>BASE BID</b>					
Item No.	Item Description	Qty	Unit	Unit Price	Total Price
1.	Mechanical/Piping Improvements	1	LS	\$	\$
2.	Electrical/Instrumentation Improvements	1	LS	\$	\$
3.	Overflow Channel	1	LS	\$	\$
4.	All Other Work	1	LS	\$	\$
5.	Start-up	1	LS	\$	\$
6.	Final Closeout	1	LS	\$	\$
7.	Permit Allowance	1	LS	\$ 3,500	\$ 3,500
8.	Utility Allowance	1	LS	\$ 2,000	\$ 2,000
<b>TOTAL BASE BID (ITEMS 1 THROUGH 8)</b>					<b>\$</b>

**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.)

**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.)***

# BID FORM

## Section 2 - Material and Equipment Alternates

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.

<u>Item Number</u>	<u>Description</u>	<u>Add/Deduct Amount</u>
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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 \_\_\_\_\_

# BID FORM

## Section 4 - Major Subcontractors

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:

<u>Subcontractor (Name and Address)</u>	<u>Work</u>	<u>Amount</u>
	Piping	
	Structural	
	Electrical	
	Mechanical	
	Misc Metal Work	
	Other	

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.