ADDENDUM No. 1
RFP No. 23-50
Ultraviolet (UV) Disinfection System Replacement Project

Due: OCTOBER 17, 2023 by 11:00 A.M. (local time)

The information contained herein shall take precedence over the original documents and all
previous addenda (if any), and is appended thereto. This Addendum includes forty-four (44)
pages.

The Proposer is to acknowledge receipt of this Addendum No. 1, including all attachments
in its Proposal by so indicating in the proposal that the addendum has been received.
Proposals submitted without acknowledgement of receipt of this addendum may be
considered non-conforming.

A pre-bid meeting was held on September 19, 2023. The information disclosed in the pre-bid
meeting is available in the Contract Documents. Bidders are reminded that oral statements made
at the pre-bid meeting may not be relied upon and will not be binding or legally effective. The pre-
bid meeting agenda and roster of attendees are on the attached pages.

The following forms provided within the RFP Document should be included in submitted
proposal:

- Attachment D - Prevailing Wage Declaration of Compliance
- Attachment E - Living Wage Declaration of Compliance
- Attachment G - Vendor Conflict of Interest Disclosure Form
- Attachment H - Non-Discrimination Declaration of Compliance

Proposals that fail to provide these completed forms listed above upon proposal opening
may be rejected as non-responsive and may not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the RFP documents which are outlined below are referenced to a page or Section in
which they appear conspicuously. Offerors are to take note in its review of the documents and
include these changes as they may affect work or details in other areas not specifically referenced
here.

<table>
<thead>
<tr>
<th>Section/Page(s)</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under the “Extended Cost” Column of Base Bid Item 1.2, “Permit Allowance”: Page 16</td>
<td>Remove: “$10,000” and Replace with: “$15,000” Replace Page 16 with Page 16 (AD-1)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section/Page(s)</th>
<th>Addition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment K</td>
<td>Record Documents:</td>
</tr>
<tr>
<td></td>
<td>• 1999 Wastewater Treatment Plant Disinfection Facilities Upgrade (29 sheets)</td>
</tr>
<tr>
<td></td>
<td>• 1977 Wastewater Treatment Plant Improvements, sheets 91-94 (4 sheets)</td>
</tr>
<tr>
<td></td>
<td>• Existing UV Channel Slide Gate Shop Drawings (6 sheets)</td>
</tr>
</tbody>
</table>
II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: SPECIFICATION SECTION 07 41 20 - METAL WALL PANELS specifies Centria "CS-660" or approved equal. Is product approval required before bidding.

Answer 1: No. Approving or accepting a product as equal is not allowed prior to bidding. Bidders shall reference the Contract Documents with regards to substitutions.

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.
Client Name: City of Ann Arbor, MI
Project Name: Ann Arbor WRRF UV Disinfection Replacement Project
Project No: 413104  B&V Project File No: 81.0600
Meeting Date: 9/19/2023  Meeting Time: 11:00 AM - 12:00 PM EST  Meeting No: 1
Meeting Location: Ann Arbor WRRF (49 S Dixboro Rd, Ann Arbor, MI 48105)  Dial-In No. / Code: (913) 278-0791/313 602 720#
Prepared By: Emily Schlanderer (Black & Veatch)

Meeting Agenda: *Key objectives for the meeting are shown below.*

1. Attendance – **Prebid Meeting is Mandatory** for General Contractor Bidding
2. Introductions of Owner and Engineer
3. Safety Moment
4. Project Overview
5. UV Equipment Preselection Process, Contracts/Purchase Orders
6. Contract Documents
   a. Drawings
   b. Specifications
7. Addenda
8. Bid Form
9. Owner’s Forms and Other Bidding Documents
10. Prevailing Wage Requirements
11. Insurance and Bonds Requirements
12. RFP Scoring Criteria
13. Connections to Existing Facilities, Shutdowns, and Coordination
14. Submittals
15. Contractor Staging and Laydown
16. Site Security and Deliveries
17. Question Deadline
18. Bid Due Date
19. Additional Items
20. Open Discussion/Questions
21. Tour
22. Adjourn
# PREBID MEETING ATTENDANCE ROSTER

**Date:** 9/19/2023  
**Time (start and end time):** 11:00 AM to 12:00 PM EST

**Location:** Ann Arbor WRRF (49 S Dixboro Rd, Ann Arbor, MI 48105)  
**Presenter(s):** Emily Schlanderer (Black & Veatch)  
**Project:** Ann Arbor WRRF UV Disinfection Replacement Project  
**Subject/Purpose:** Prebid Meeting

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Company</th>
<th>E-Mail</th>
<th>Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kyle Bentley</td>
<td>President/Project Engineer</td>
<td>Peterson and Marx</td>
<td><a href="mailto:Kyle.Bentley@petersonandmarx.com">Kyle.Bentley@petersonandmarx.com</a></td>
<td>R1</td>
</tr>
<tr>
<td>Ben Vitore</td>
<td>President</td>
<td>Midwest Power Systems</td>
<td><a href="mailto:Ben.vitore@midwestpowersystems.com">Ben.vitore@midwestpowersystems.com</a></td>
<td>B1</td>
</tr>
<tr>
<td>Matt Canup</td>
<td>Project Manager</td>
<td>Midwest Power Systems</td>
<td><a href="mailto:matt_canup@hotmail.com">matt_canup@hotmail.com</a></td>
<td>C1</td>
</tr>
<tr>
<td>Chris Klaft</td>
<td>Project Manager</td>
<td>Weiss Construction</td>
<td><a href="mailto:Cklaft@weiss-construction.com">Cklaft@weiss-construction.com</a></td>
<td>C0</td>
</tr>
<tr>
<td>Don Sutton</td>
<td>Senior Estimator</td>
<td>Weiss Construction</td>
<td><a href="mailto:DSUTTON@WEISS-CONSTRUCTION.COM">DSUTTON@WEISS-CONSTRUCTION.COM</a></td>
<td>DB</td>
</tr>
<tr>
<td>Jalal Joulain</td>
<td>Senior Estimator</td>
<td>Commercial Construction</td>
<td><a href="mailto:Jalal.Joulain@ccnetwork.com">Jalal.Joulain@ccnetwork.com</a></td>
<td>JJ</td>
</tr>
<tr>
<td>Fred Brewer</td>
<td>Field Superintendent</td>
<td>FMG</td>
<td><a href="mailto:Fred.Brewer@fmg.com">Fred.Brewer@fmg.com</a></td>
<td>FB</td>
</tr>
<tr>
<td>Chris Rockwood</td>
<td>Estimator</td>
<td>FMG</td>
<td>christopher.fmgcutting.com</td>
<td>C1</td>
</tr>
<tr>
<td>Eric Hoover</td>
<td>Project Manager</td>
<td>Unistrut</td>
<td><a href="mailto:Eric.Hoover@Unistrut.biz">Eric.Hoover@Unistrut.biz</a></td>
<td>E1</td>
</tr>
<tr>
<td>Anne Warrow</td>
<td>WRRF Engineer</td>
<td>City of Ann Arbor</td>
<td><a href="mailto:Anawarow@aa.gov.org">Anawarow@aa.gov.org</a></td>
<td>AMW</td>
</tr>
<tr>
<td>Keith Sanders</td>
<td>Manager AA WRRF</td>
<td>AA WRRF</td>
<td><a href="mailto:KSanders@29.gov.org">KSanders@29.gov.org</a></td>
<td>KSS</td>
</tr>
<tr>
<td>Adam Nudge</td>
<td>Project Manager</td>
<td>PPL E</td>
<td><a href="mailto:akn@ppeln.com">akn@ppeln.com</a></td>
<td>AKM</td>
</tr>
<tr>
<td>Kevin Knott</td>
<td>ENG Manager</td>
<td>PCI</td>
<td><a href="mailto:KKnot@proactivecontrols.com">KKnot@proactivecontrols.com</a></td>
<td>K/A2</td>
</tr>
<tr>
<td>Bruce Smith</td>
<td>Estimator</td>
<td>Spence Brothers</td>
<td><a href="mailto:bruce.smith@spencebrothers.com">bruce.smith@spencebrothers.com</a></td>
<td>BKS</td>
</tr>
</tbody>
</table>
E. Schedule of Pricing/Cost – 20 Points

Company: ____________________________________________

Bid Items Notes –

1. Provide a Unit Price and Total Price for all bid items specified in Division 01 Section “Measurement and Payment” and herein.
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.

Base Bid Items –

For the entire work outlined in these documents for **RFP 23-50 – Ultraviolet (UV) Disinfection System Replacement Project**, complete as specified, using equipment and materials only of the type and manufacturers where specifically named.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Extended Cost</th>
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<tbody>
<tr>
<td>1.0 General Conditions (max 10%)</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1 Mobilization (max 10%)</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.2 Permit Allowance</td>
<td>LS</td>
<td>1</td>
<td>$15,000.00</td>
<td>$15,000.00</td>
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<td>1.3 'UVSS Balance of Work</td>
<td>LS</td>
<td>1</td>
<td>$1,269,949.00</td>
<td>$1,269,949.00</td>
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<tr>
<td>1.4 Installation of All Work (except UV Disinfection Building)</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>1.5 Electrical, Instrumentation &amp; Controls</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.6 UV Disinfection Building</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.7 Start-up, Commissioning, Training</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>1.8 Special Inspections</td>
<td>LS</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>1.9 Maintenance of Plant Operations</td>
<td>LS</td>
<td>1</td>
<td></td>
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</table>

BASE BID TOTAL: ________________________________ ($______)

16 (AD-1)
NOTE:
1. SEE DRAWING S1 FOR GENERAL NOTES AND TYPICAL DETAILS.
PLAN AT EL 736.00

SCALE: 1/8"=1'-0"

NOTES:
1. NOTE REMOVED.
2. 1½" SAMPLE PIPING AND 1½" SDS PIPING CAPPED.
3. REMOVE ALL 1½" STEEL PLATES, 6½" X 6½" ANGLE AND ALL ASSOCIATED FITTINGS.
4. REMOVE 1½" STEEL SLUICE GATE AND CONSTRUCTION DETAIL.
5. HOURLY CHECKING WITH SLUICE GATE, STICK OPERATOR STAND AND WATER OPERATOR, LACONIA WALL TUMBLE TO RECEIPE.

GREELEY AND HENDERSON
ENGNSN.
217 WEST FIFTH STREET, SUITE 100
ANN ARBOR, MICHIGAN 48103}

REVIEWED
WATER UTILITIES DEPARTMENT
WASTEWATER TREATMENT PLANT
DISINFECTION FACILITIES UPGRADE

CITY OF ANN ARBOR, MICHIGAN

RECORD DRAWING

PIPING AND EQUIPMENT
NORTH CHLORINATING CONTACT TANK
DEMOLITION
PLAN AT EL 736.00
PLAN AT EL 727.00

NOTES:
1. CONTRACTOR TO DESIGN AND CONSTRUCT TEMPORARY BULKHEAD PRIOR TO ISOLATION AND REMOVAL OF NORTH CHLORINE CONTACT TANK IN ACCORDANCE WITH CONTRACTOR IN DIRECT CONVERSATION WITH PROJECT ENGINEER.
   a. Water elevation of FPI on the overflow weir chamber south of the bulkhead while the north side of the bulkhead is elevated down to the base slab. Bulkhead design to be performed by a professional engineer licensed in the State of Michigan.
2. INSTALL NEW 2" BIRD ON EXISTING 1" BIRD PIPING TO CONNECT TO NEW 1" BIRD PIPING. INSTALL NEW 1" BIRD BEND ON EXISTING 1" BIRD PIPING TO CONNECT TO NEW 1" BIRD PIPING.
3. CONTRACTOR TO DESIGN AND CONSTRUCT TEMPORARY BULKHEAD PRIOR TO REPLACEMENT OF GATE 307 IN ACCORDANCE WITH SPECIFICATION SECTION 400.

RECORD DRAWING
THESE DRAWINGS ARE NOT INTENDED TO BE COMPLETE OR IN ACCORDANCE WITH SPECIFICATIONS. THESE DRAWINGS ARE INTENDED TO PROVIDE A VISUAL REFERENCE TO THE EXISTING CONDITIONS TO THE CONSTRUCTION TO THE DESIGNER AND CONTRACTOR. ALL ADDITIONAL INFORMATION SHALL BE FOUND IN THE MICHIGAN WATER UTILITIES DEPARTMENT RULES AND REGULATIONS.
NOTES:
1. THERE ARE 4" DEDS FROM MEC-H AND MEC-L IN THE LOWER LEVEL OF THE FABRICATION BUILDING THAT SEE DEDS NO. 1 AND 2. CUT UNNEEDED PORTIONS OF THE DEDS, THEN SPRAY PAINT AND MOUNT DEDS ON PANEL TO PROVIDE NEW DEDS FROM MEC-H AND MEC-L AS REQUIRED FOR THE FABRICATION BUILDING.
2. WIRING MEC-H AND MEC-L AS SHOWN ON Dwg. CA.
3. PROVIDE 30" HIGH VOLT-DEA.
4. PROVIDE 4 WIRE 115 VOLT TRANSFORMER WITH SECONDARY REALED FOR 115 VOLT-SWITCHED CONSUMERS. TRANSFORMER SHALL BE REALED, ENCLOSURE SHALL BE COOLED WITH CLASS H COPPER WIRING. REALED BREAKERS SHALL BE BILLY WATTED, 200 AMP, MOLDED CASE, WITH ELECTRONIC TREA- NMENT AND NO LIP ENLACE WITH EXTERNAL OPERATING MECHANISMS. PROVIDE ALL REALED AND WIRING FOR UNITS AND BREAKERS.
5. PROVIDE ELECTRICAL GROUND SYSTEM WITH NO- SIZE DED COPPER ORANGE CABLE.

CITY OF ANN ARBOR, MICHIGAN WATER UTILITIES DEPARTMENT WASTEWATER TREATMENT PLANT DISINFECTION FACILITIES UPGRADE ELECTRICAL FABRICATION BUILDING PLANS RECORD DRAWING SHEET 10 OF 20 E6 DATE: OCTOBER 1989

GREENLE AND HANSEN ENGINEERS 888 WEST FT. STREET, SUITE 100 DETROIT, MICHIGAN 48226-2200
CITY OF ANN ARBOR, MICHIGAN
Water Utilities Department
Wastewater Treatment Plant

Disinfection Facilities Upgrade

CONTRACTOR'S SUBMITTAL TRANSMITTAL FORM

TO: Greeley & Hansen
211 West Fort Street Suite 710
Detroit, MI 48226
ATTN: Nicole Jannis

FROM: 3-S Construction
3200 James Savage Rd. Suite 1
Midland, MI 48642

DATE: Thursday, April 27, 2000
SUBMITTAL NO.: 4B
SPEC. PARA. REF. NO.: 11285
PLAN REF. NO.: 3
SUPPLIER/MANUFACTURER: WATERMAN INDUSTRIES

1. The following submittals are forwarded for your review:

<table>
<thead>
<tr>
<th>Item</th>
<th>Drawing No.</th>
<th>Copies Submitted</th>
<th>Description</th>
<th>Deviation (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>11 10</td>
<td>48&quot; X 48&quot; GATE</td>
<td>NO</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>11 10</td>
<td>12&quot; X 12&quot; GATE</td>
<td>NO</td>
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<tr>
<td>3</td>
<td></td>
<td>11 10</td>
<td>72&quot; X 72&quot; GATE</td>
<td>NO</td>
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<tr>
<td>4</td>
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<td>11 10</td>
<td>EM-25 TRIPOD MOUNTED OPERATOR</td>
<td>NO</td>
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<tr>
<td>5</td>
<td></td>
<td>11 10</td>
<td>IDENTIFICATION TAG</td>
<td>NO</td>
</tr>
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<td>6</td>
<td></td>
<td>11 1</td>
<td>TNPMEC COLOR BOOK</td>
<td>NO</td>
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</table>

2. Will item submitted for review fit in space provided in the Contract Documents? Yes
3. Has work indicated in this submittal been coordinated with all trades? Yes
4. Is work by all trades being provided as necessary to accommodate this submittal? Yes
5. Contractor has approved submittal and has affixed his certification stamp? Yes
6. Contractor's description and justification for deviations from Contract Documents. (Use additional sheet, if necessary)

7. Remarks:

Signature: Vince Drumright
Grating not required at 12' x 12' sluice gate.

12 X 12 WATERMAN MODEL S-4000-F SLUICE GATE

12-10 S. Waterman
S-4000

MATERIAL KEY
1. CAST IRON
2. WELD
3. MACHINED
4. GASKET
5. WRENCH
6. SEE PART NO.

FINISH KEY
1. AS CAST
2. N-4209
3. N-4209
4. N-4209
5. N-4209
6. N-4209

ITEM DESCRIPTION
1. SLUICE GATE ASSEMBLY
2. FRAME
3. BACK
4. HEADstud
5. STAMPED MOLDING
6. ATTACHING HARDWARE
7. DOG HARDWARE
8. TEAM STUD MOUNTING BRACKET
9. TEAM STUD MOUNTING HARDWARE
10. TEAM STUD MOUNTING HARDWARE
11. TEAM STUD MOUNTING HARDWARE
12. TEAM STUD MOUNTING HARDWARE
13. TEAM STUD MOUNTING HARDWARE
14. TEAM STUD MOUNTING HARDWARE
15. TEAM STUD MOUNTING HARDWARE
16. TEAM STUD MOUNTING HARDWARE

NOTES: UNLESS OTHERWISE SPECIFIED
1. GATE CAPACITY MAY VARY UP TO 30 FT. DEPENDING ON NO. OF SLUICE GATES
2. OPERATING WATER GATE HEIGHT: 12" (SLUICE GATE) 10" (SLUICE GATE)
3. MANDATORY MANHOLE SIZE TO OPEN DRAINAGE GATE
4. 20' WELDED STUD ASH THREADS
5. CONFORM TO SPEC SHEET B-1553

WATERMAN INDUSTRIES INC.
EXETER, CALIFORNIA 93221

12/18/99