

**WASTEWATER TREATMENT SYSTEM IMPROVEMENTS
GRANDVIEW, IOWA**

CONTRACTOR'S BID DATE: Thursday, May 5, 2022 @ 1:00 P.M.

PLACE FOR CONTRACTORS
TO SUBMIT BIDS:

City of Grandview
City Hall
104 S. Main Street
Grandview, Iowa 52752

ADDENDUM NO.2

April 28, 2022

TO ALL PLANHOLDERS:

The following changes, clarifications, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein. All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their Bid.

This Addendum No. 2 consists of the following:

- Addendum No. 2 pages ADN2-1 through ADN2-2
- Section 00400 Bid Form – ADDENDUM #2 (5 pages)
- File Transfer Disclaimer (1 page)
- Pre-bid Meeting Minutes (3 pages)

CLARIFICATIONS:

1. CAD files are available for the Grading Sheet C102. The File Transfer Disclaimer attached must be returned to Tanya Kilpatrick tkilpatrick@hrgreen.com before CAD files will be released.
2. The engineer's opinion of cost is located with the plan holders and is \$3,169,000.00.

SPECIFICATIONS:

1. REFER TO SECTION 00110 NOTICE TO BIDDERS


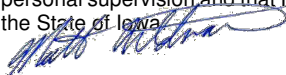
REPLACE: "Work under the proposed Contract Documents shall be commenced upon written Notice to Proceed to be issued on or before June 13, 2022, and shall be completed and ready for operation on or before May 1, 2024, subject to any extension of time, which may be granted by the Owner." With "Work under the proposed Contract Documents shall be commenced upon written Notice to Proceed to be issued on or before June 13, 2022, work shall be substantially complete on or before September 30, 2023, and fully completed and ready for operation on or before May 1, 2024, subject to any extension of time, which may be granted by the Owner.

2. **REPLACE SECTION 004000 BID FORM WITH THE ATTACHED** (changes highlighted)
3. **REFER TO SECTION 43 3263 ULTRAVIOLET DISINFECTION EQUIPMENT**
 - a. **ADD TO 1.02 B** "GLASCO is an approved alternative supplier"

PLANS:

1. **REFER TO SHEET D101 – EXISTING SITE & SITE DEMOLITION**
 - a. **DELETE KEYNOTE 3** "Once SAGRs are operational, only one lagoon may be taken out of service at a time."
2. **REFER TO SHEET P601 – VALVE SCHEDULE:**
 - a. **REPLACE BFV-2140-E** "6-INCH," with "4-INCH."
 - b. **REPLACE BFV-2140-F** "6-INCH," with "4-INCH."
 - c. **REPLACE BFV-2140-G** "6-INCH," with "4-INCH."
 - d. **REPLACE BFV-2140-H** "6-INCH," with "4-INCH."
 - e. **REPLACE BFV-2140-J** "6-INCH," with "4-INCH."
 - f. **REPLACE BFV-2240-H** "6-INCH," with "4-INCH."
 - g. **REPLACE BFV-2240-J** "6-INCH," with "4-INCH."
 - h. **REPLACE BFV-2340-H** "6-INCH," with "4-INCH."
 - i. **REPLACE BFV-2340-J** "6-INCH," with "4-INCH."

All bidders shall acknowledge receipt and acceptance of Addendum No. 2 by signing in the space provided on the Bid Form. Bids submitted without Addendum No. 2 being acknowledged will be considered non-responsive.

| | |
|---|--|
|  | I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.  |
| | Date: <u>4/28/22</u> |
| MATTHEW JOHN WILDMAN, P.E. | |
| License No. 17910 | |
| My renewal date is December 31, 2023 | |
| Pages or sheets covered by this seal: Addendum #2 | |
| | |
| | |

MATT WILDMAN
HR GREEN, INC.
8710 EARHART LANE
CEDAR RAPIDS, IOWA 52404
PHONE: (319) 841-4000

END OF ADDENDUM #2

**SECTION 00400
BID FORM**

BID TO: City of Grandview, IA
104 S. Main Street
Grandview, IA 52752-0100

- The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the Owner in the form included in the Contract Documents to perform the WORK as specified or indicated in said Contract Documents entitled:

Wastewater Treatment Improvements

- Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice to Bidders and Instructions to Bidders, dealing with the disposition of the Bid Security.
- Schedule of prices for construction of Wastewater Treatment Improvements in accordance with the Contract Documents.

| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|---|---------------------------------------|------|----------|------------|-------|
| Division 1 – General | | | | | |
| 1.01 | Mobilization/Testing/Miscellaneous | LS | 1 | \$ | \$ |
| 1.02 | CDBG Project Sign | LS | 1 | \$ | \$ |
| 1.03 | WWTP Warning Signs | EA | 8 | \$ | \$ |
| 1.04 | Lagoon Sludge Removal | LS | 1 | \$ | \$ |
| Division 2 – Existing Conditions | | | | | |
| 2.01 | Demolition | LS | 1 | \$ | \$ |
| 2.02 | Clearing and Grubbing | LS | 1 | \$ | \$ |
| 2.03 | Fence Removal | LF | 860 | \$ | \$ |
| Division 3 – Concrete | | | | | |
| 3.01 | Blower Building Foundation | LS | 1 | \$ | \$ |
| 3.02 | Generator Foundation & Pad | LS | 1 | \$ | \$ |
| 3.03 | Lift Station Transformer Pad | LS | 1 | \$ | \$ |
| 3.04 | Concrete Sidewalk and Steps | LS | 1 | \$ | \$ |
| 3.05 | Bollards | EA | 12 | \$ | \$ |
| 3.06 | Lagoon Cell 3 Inlet Manhole, MH-2320 | LS | 1 | \$ | \$ |
| 3.07 | Lagoon Cell 3 Outlet Manhole, MH-2360 | LS | 1 | \$ | \$ |
| 3.08 | Primary Splitter Structure, TK-4004 | LS | 1 | \$ | \$ |

| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|--|---------------------------------------|------|----------|------------|-------|
| 3.09 | Secondary Splitter Structure, TK-5005 | LS | 1 | \$ | \$ |
| 3.10 | SAGR Level Control Manhole, TK-5810 | LS | 1 | \$ | \$ |
| 3.11 | UV Disinfection Structure | LS | 1 | \$ | \$ |
| 3.12 | Effluent Metering Manhole, MH-8120 | EA | 1 | \$ | \$ |
| Division 4 – Masonry | | | | | |
| 4.01 | Blower Building | LS | 1 | \$ | \$ |
| Division 5 – Metals | | | | | |
| 5.01 | Aluminum Plank | SF | 244 | \$ | \$ |
| 5.02 | Aluminum Grating | SF | 110 | \$ | \$ |
| Division 9 – Finishes | | | | | |
| 9.01 | Paints and Coatings | LS | 1 | \$ | \$ |
| Division 22 – Plumbing | | | | | |
| 22.01 | 5/8" Ball Valve | EA | 1 | \$ | \$ |
| 22.02 | 3" Ball Valve | EA | 1 | \$ | \$ |
| 22.03 | 4" Butterfly Valve | EA | 23 | \$ | \$ |
| 22.04 | 6" Butterfly Valve | EA | 2 | \$ | \$ |
| 22.05 | 4" Plug Valve | EA | 3 | \$ | \$ |
| 22.06 | 12" Plug Valve | EA | 5 | \$ | \$ |
| Division 23 – HVAC | | | | | |
| 23.01 | Blower Building HVAC | LS | 1 | \$ | \$ |
| Division 25 – Integrated Automation | | | | | |
| 25.01 | Radar Level Detector/Transmitter | EA | 1 | \$ | \$ |
| 25.02 | Control Panel CP-100 | LS | 1 | \$ | \$ |
| 25.03 | Alarm Dialer & Wiring/Conduit | LS | 1 | \$ | \$ |
| Division 26 – Electrical | | | | | |
| 26.01 | New Engine-Generator & Wiring | LS | 1 | \$ | \$ |
| 26.02 | Blower Building Electrical | LS | 1 | \$ | \$ |
| 26.03 | UV Electrical | LS | 1 | \$ | \$ |
| Division 31 – Site Work | | | | | |
| 31.01 | Site Restoration | LS | 1 | \$ | \$ |
| 31.02 | Excavation | LS | 1 | \$ | \$ |
| 31.03 | Backfill | LS | 1 | \$ | \$ |
| 31.04 | Clay Berm Material | CY | 450 | \$ | \$ |

| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|---|--|------|----------|------------|-------|
| 31.05 | Uniform Graded Clean Rock | CY | 3,620 | \$ | \$ |
| 31.06 | Gravel Landscape | SF | 12,451 | \$ | \$ |
| 31.07 | Gravel Drive | SF | 17,712 | \$ | \$ |
| 31.08 | Gravel Overlay | SF | 8,711 | \$ | \$ |
| 31.09 | Insulating Mulch | CY | 280 | \$ | \$ |
| 31.10 | Non-Woven Geotextile | SF | 35,320 | \$ | \$ |
| 31.11 | SAGR HDPE Liner | SF | 22,300 | \$ | \$ |
| 31.12 | Wall Framing and Sheathing | LF | 990 | \$ | \$ |
| 31.13 | Rip Rap, Class E | CY | 100 | \$ | \$ |
| Division 32 – Exterior Improvements | | | | | |
| 32.01 | Metal Swing Tube Gate, 20 feet | EA | 2 | \$ | \$ |
| 32.02 | Metal Swing Tube Gate, 4 feet | EA | 1 | \$ | \$ |
| 32.03 | Fencing, Woven Wire | LF | 2,379 | \$ | \$ |
| Division 33 – Utilities | | | | | |
| 33.01 | Fill & Plug Piping | LF | 125 | \$ | \$ |
| 33.02 | 10" PVC Piping | LF | 291 | \$ | \$ |
| 33.03 | 12" PVC Piping | LF | 717 | \$ | \$ |
| 33.04 | 8" HDPE Field Tile | LF | 50 | \$ | \$ |
| 33.05 | 12" HDPE Field Tile | LF | 50 | \$ | \$ |
| 33.06 | 6" Aeration Header Piping, Stainless Steel | LF | 73 | \$ | \$ |
| 33.07 | 4" Aeration Header Piping, HDPE | LF | 82 | \$ | \$ |
| 33.08 | 6" Aeration Header Piping, HDPE | LF | 245 | \$ | \$ |
| 33.09 | 15" Culvert, CMP | LF | 95 | \$ | \$ |
| 33.10 | 15" Apron, Metal | EA | 4 | \$ | \$ |
| 33.11 | Sanitary Sewer Manhole Improvements | LS | 1 | \$ | \$ |
| 33.12 | Sanitary Sewer Replacement, 8" PVC | LF | 15 | \$ | \$ |
| Division 35 – Waterway and Marine Construction | | | | | |
| 35.01 | 14" Slide Gate | EA | 8 | \$ | \$ |
| 35.02 | Turtle Guard, Lagoon Influent Pipes | EA | 1 | \$ | \$ |
| 35.03 | Turtle Guard, Lagoon Draw Pipes | EA | 2 | \$ | \$ |
| 35.04 | 12" Animal Guard, Outfall | EA | 1 | \$ | \$ |
| Division 43 – Process Gas and Liquid Handling, Purification, and Storage Equipment | | | | | |

| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | TOTAL |
|--|--|------|----------|------------|-------|
| 43.01 | UV Disinfection Equipment & Install | LS | 1 | \$ | \$ |
| Division 44 – Pollution and Waste Control Equipment | | | | | |
| 44.01 | Composite Sampler | EA | 1 | \$ | \$ |
| 44.02 | SAGR Equipment & Installation | LS | 1 | \$ | \$ |
| Division 46 – Water and Wastewater Equipment | | | | | |
| 46.01 | Lagoon Aeration Equipment & Installation | LS | 1 | \$ | \$ |
| 46.02 | Baffle Curtain | LS | 1 | \$ | \$ |
| TOTAL ITEM 1.01 THROUGH 46.02 | | | | | |

4. Name of person who inspected site of proposed WORK for your firm:

Name: _____ Date of Inspection: _____

5. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number _____ Date _____

6. Failure to acknowledge addenda may render the Bid non-responsive and be cause for its rejection. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where the WORK is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations), and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.
7. The Bidder hereby agrees to comply with the additional requirements listed below which are included in this proposal and identified as Bid Form attachments:

| ITEM NO. | DESCRIPTION OF ATTACHMENT |
|----------|--|
| 1. | Bidder Status Form and Worksheet: Authorization to Transact Business |
| 2. | Questionnaire, Section 00450 |
| 3. | SRF Attachments 1, 2, 3, 4, 5 & 10 |
| 4. | Intent to comply with Section 3 Requirements |
| 5. | Request for Contractor Eligibility Form |

To all the foregoing, and including all Bid Forms contained in this Bid, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Bid Price(s) named in the aforementioned Bid Form.

Signed this _____ day of _____, 2022.

By: _____
(Firm Name)

(Signature)

(Typed or Printed Name)

(Title)

(1) BIDDER's name and address:

(2) BIDDER's telephone numbers, and e-mail address:

(3) Federal Tax I.D. No.: _____ Iowa Contractor License No.:

(DO NOT OMIT)

(4) BIDDER's authorized agent for contract execution: _____
Name and Title

(5) BIDDER's attesting agent for contract execution: _____
Name and Title

(6) BIDDER's type of business: _____
(Corporation, partnership, individual, etc.)

END OF SECTION 00400



DISCLAIMER

HR Green, Inc. (HR Green) makes these files available for information purposes only. While HR Green intends for the data to be accurate and reliable, no warranty either expressed or implied is made regarding the accuracy, validity, or reliability of the data. The Recipient must rely on the hardcopy or original signed drawings for accuracy, validity, reliability and completeness. HR Green cannot guarantee that changes to the data files will not be made by other persons or entities.

HR Green reserves the right to revise, update, and improve its electronically stored data without notice and assumes no responsibility for any damages which may arise as a result of the use of its data.

HR Green is not responsible for making the files compatible with any system or software package other than the one on which the files were originally prepared.

The Recipient agrees to the fullest extent permitted by law, to indemnify and hold the HR Green and the Owner harmless from any damage, liability or cost, including reasonable attorneys' fees and costs of defense, arising from any changes made by the Recipient or from reuse of the drawings and data without the prior written permission of HR Green and the Owner and from any and all liability in connection with the use of the files. The Recipient shall not give the files to any person outside of their organization or company without the express written permission of HR Green. If the Recipient discloses their files to a third party, the third party shall release HR Green and the Owner from any and all liability in connection with the use of the files.

HR Green makes every effort to ensure the storage media is virus free; however, HR Green assumes no responsibility for any damages caused by the installation of this data.

Use of the electronic files indicates that the Recipient accepts the above conditions. If these conditions are unacceptable, the electronic files should be returned promptly to HR Green and all copies destroyed.

Recipient represents that these electronic files will be used solely for bidding purposes for Grandview Wastewater Treatment Improvements. Recipient accepts all responsibility and liability associated with any use other than that for which they are intended.

RECIPIENT

HR GREEN, INC.

Signature

Signature

Matthew Wildman, P.E.

Project Manager

Print/Type Name

Print/Type Name

Company Name

Date

Date

Files transferred: C102 Grad.bak & C102 Grad.dwg

Pre-Bid Meeting Minutes

April 26, 2022

Wastewater Treatment Plant Improvements

City of Grandview, Iowa

I. BID INFORMATION

A. BID DATE: Thursday, May 5, 2022 - 1:00 p.m. CDT

PLACE TO FILE: City of Grandview
SEALED BIDS: City Hall
104 S. Main Street
Grandview, Iowa 52752

BIDS OPENED AND READ: Grandview City Hall 1:00 p.m.

II. PROJECT TEAM - OWNER

City Clerk: Lisa Wymer
Phone: (319) 729-4013
Email: grandview@louisacomm.net

HR GREEN, INC
Sr. Project Manager: Matthew J. Wildman, P.E.
319-841-4320
mwildman@hrgreen.com
Staff Engineer: Sarah Piburn, EIT
319-841-4327
spiburn@hrgreen.com

III. PROJECT OVERVIEW

A. Description

The project consists of the following: 291 LF of 10-inch sanitary PVC piping; 717 LF of 12-inch sanitary PVC piping; 400 LF of 4-inch to 6-inch HDPE aeration piping; Lagoon berm construction for the quiescent cell separated by a baffle curtain; lagoon aeration system, four (4) Submerged Attached Growth Reactors (SAGR) with 60 mil HDPE liner; electrical work, earthwork, and a new block building to house blowers and electrical equipment; UV disinfection system. The project will also include sanitary sewer improvements.

A. Review of bid documents and bidding procedures -

1. Notice to Bidder – Notice to Proceed
2. Instructions to Bidders
3. Acknowledgement of Addenda
4. Section 00450 - Questionnaire
5. Special Provisions
6. Unit Prices
7. Liquidated Damages - \$500 per day for substantial and final completion
8. Iowa Sales Tax Exemption

B. Project Completion

1. Substantial completion date is **September 30, 2023**
[Engineer understands there are longer lead times for products. This date](#)

should give the contractor time to order supplies. Supplies can be paid for that are not onsite if they are delivered and insured. This should allow flexibility with the contractor on starting this summer or next.

2. Final project completion date is **May 1, 2024**.

C. Construction Schedule General Discussion

- a. WWTP must stay operational and meet effluent limits during construction. DNR and the Engineer should be notified ahead of time if effluent limits might not be met.
 - i. Lagoon Sludge Removal
 - ii. Lagoon Cell 3 is offline
 - iii. Lagoon aeration
 - iv. Upsizing the outfall and installing manhole 8120
- b. Long lead time items such as valves, generator, blowers, pumps, and controls may dictate the schedule and should be communicated with OWNER and ENGINEER once a delivery schedule is established to determine if a time extension will be necessary.

D. Site Work

- a. Secure site and equipment when contractor is not onsite
Plans show demo of fencing, so equipment and site are the contractor's responsibility to keep secure.
- b. Notify OWNER and ENGINEER of any interruptions to site utilities

E. Addenda – Addendum #1 issued on April 22, 2022; Addendum #2 anticipated later this week

F. Site utilities.

- a. Contractor shall provide and pay for all electrical power required.
Contractor should arrange with the city.
- b. Contractor to provide necessary telecommunications for project site.
- c. Contractor to make suitable arrangements for temporary water service if required for construction or testing.
- d. Contractor to provide temporary sanitary facilities as needed.

G. Permits

- a. Contractor to provide necessary storm water or dewatering permits. Contractor is responsible for SWPPP. Demolition permits should be obtained as necessary from DNR, including any required asbestos testing.
- b. IDNR has issued the wastewater construction permit.

H. Legal issues.

- a. Davis Bacon Wages
- b. AIS
- c. SRF and CBDG
- d. SRF now has attachment 10

- I. General Discussion of Plans and Specs
 - a. Demolition
 - b. Lagoons
 - c. SAGRS
 - d. UV
 - e. Piping
 - f. Blower Building

IV. QUESTIONS AND ANSWERS

- 1. What is the Engineer's Opinion of Cost?
 - a. This is shown on the plan holders list and is \$3,169,000.00
- 2. Is the quantity shown for earthwork or the Lagoon Clay berm?
 - a. Earthwork is shown as a lump sum on the bid form
 - b. The Lagoon Clay Berm is shown in Cubic Yards.
- 3. The sequencing called out on the plans doesn't match the sequencing in the bid summary
 - a. This will be addressed with Addendum #2.

V. SITE VISIT