

**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.3
May 3, 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. 3 consists of the following:

- Addendum No. 3 pages ADN3-1 through ADN3-4
- Section 00400 Bid Form – ADDENDUM #3 (5 pages)
- Section 00450 Questionnaire – ADDENDUM #3 (2 pages)
- Certification – ADDENDUM #3 (1 page)

CLARIFICATIONS:

1. The City of Grandview will not charge for building permits.

SPECIFICATIONS:

1. **REPLACE CERTIFICATION** (See attached form)
2. **REPLACE SECTION 00400 BID FORM WITH THE ATTACHED** (changes highlighted)
3. **REPLACE SECTION 00450 QUESTIONNAIRE WITH THE ATTACHED** (changes highlighted)
4. **REFER TO SECTION 03 3000 CAST-IN-PLACE CONCRETE**
 - a. **PARAGRAPH 2.02: ADD item D**
"D. Adhesive rebar anchors: See Detail 4/S001 for approved adhesive manufacturers and product names. Submit product. Embed all adhesive rebar anchors a minimum of 16 bar diameters."
 - b. **PARAGRAPH 2.04: ADD item D**
"D. Crystalline Waterproofing: Xypex or approved equal."

- c. **PARAGRAPH 2.05: ADD item I**
 - "I. Synthetic Fibers: fibrillated nylon or polypropylene
 - 1. ASTM C1116, Type III
 - 2. Dosage: Minimum 1.5 LB/cubic yard
 - 3. Manufacturers: Propex, Grace, Euclid, GRT
 - d. **PARAGRAPH 2.06.E: CHANGE "07 9005" to "07 9200"**
 - e. **PARAGRAPH 2.07: ADD item C**
 - "C. CLSM (Controlled Low-Strength Material):
 - 1. Standard mix from ready mix supplier with minimum 3 years' experience producing CLSM.
 - 2. Normal weight
 - 3. Minimum compressive strength 250 psi
5. **REFER TO SECTION 05 5000 METAL FABRICATIONS**
- a. **PARAGRAPH 2.03: ADD item E**
 - "E. Aluminum plank: Solid-top, non-slip surface, as fabricated by IKG HD-P-70, or approved equal."
6. **REFER TO SECTION 05 5500 ANCHOR BOLTS AND EXPANSION ANCHORS**
- a. **PARAGRAPH 2.01.A.1: CHANGE "Group 1 or 2" to "Group 2"**
 - b. **PARAGRAPH 2.01.B.1: CHANGE "Group 1 or 2" to "Group 2"**
 - c. **PARAGRAPH 2.02.A.1: ADD** at end of line, "and as shown on Drawings".
 - d. **PARAGRAPH 2.02.A.2: CHANGE "at least 15 rod diameters" to "as shown on Drawings".**
 - e. **PARAGRAPH 2.02.C.2: CHANGE "six bolt diameters" to "eight bolt diameters"**
7. **REFER TO SECTION 07 2600 VAPOR RETARDERS**
- a. **PARAGRAPH 2.1.A: DELETE:** "10-mil- (0.25-mm-) thick sheet under slabs, with maximum permeance rating of 0.1 perm (5.7 ng/Pa x s x sq. m)" and **REPLACE WITH:** "see Specification 03 3000 for vapor retarder under concrete slabs."
8. **REFER TO SECTION 22 0523.15 ECCENTRIC PLUG VALVES**
- a. **ADD TO 2.01 MANUFACTURERS** "E. G.A. Industries."
9. **REFER TO SECTION 33 0561 CONCRETE MANHOLES**
- a. **ADD TO 2.01 E** "or single offset profile joints conforming to ASTM C443."
10. **REFER TO SECTION 33 3111 SANITARY SEWER PIPING**
- a. **ADD TO 2.03 A 4 PROTECTO 401** "or equal"
 - b. **ADD 2.03 A 4 a** "Permax CTF is an approved alternative."



PLANS:

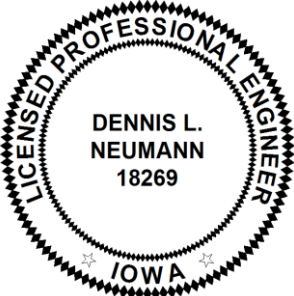
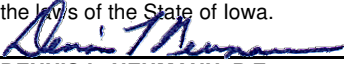
- 1. **REFER TO SHEET C101 – PLANT LAYOUT**
 - a. **DELETE SHEET C101 NOTES 1** "And shall be considered incidental to bid item "Mobilization/Testing/Miscellaneous"."

2. **REFER TO SHEET S101 – BLOWER BLDG - FOUNDATION & ROOF FRAMING PLANS**
 - a. **PLAN 1 - BLOWER BUILDING FOUNDATION PLAN: In plan note immediately above "NOM FIN FLR", DELETE: "OVER 10 MIL VAPOR BARRIER" and REPLACE WITH: "OVER VAPOR BARRIER PER SPEC 033000"**
 - b. **SHEET S101 NOTES, ADD Note 5:**
"5. ADD FULL HEIGHT #4 VERT/DOWEL AT EACH JAMB OF ALL DOORS AND OTHER OPENINGS. ADD ONE #4 VERT/DOWEL IN EACH OF THREE CELLS AT EACH BUILDING CORNER."

3. **REFER TO SHEET S102 – UV STRUCTURE FOUNDATION & UPPER PLAN**
 - a. **SHEET S102 NOTES, NOTE 2: DELETE: "TO PEAK WATER LEVELS NOTED ON SHEETS G005" and REPLACE WITH: "675.50"**
 - b. **SHEET S102 NOTES, NOTE 3: DELETE NOTE**
 - c. **SHEET S102 NOTES, NOTE 4: CHANGE "PLANK" TO "GRATING"**
 - d. **SHEET S102 NOTES, NOTE 5: ADD "UNLESS NOTED OTHERWISE" at end of note.**
 - e. **SHEET S102 KEYNOTES: DELETE all three keynotes.**

All bidders shall acknowledge receipt and acceptance of Addendum No. 3 by signing in the space provided on the Bid Form. Bids submitted without Addendum No. 3 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>5/03/22</u>
	MATTHEW JOHN WILDMAN, P.E. License No. 17910 My renewal date is December 31, 2023 Pages or sheets covered by this seal: Addendum #3

	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>5/03/22</u>
	DENNIS L. NEUMANN, P.E. License No. 18269 My renewal date is December 31, 2022 Pages or sheets covered by this seal: Addendum #3

HR Green, Inc.
Project No. 200332

Wastewater Treatment System Improvements
Grandview, Iowa
ADDENDUM #3

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

END OF ADDENDUM #3

**SECTION 00400
BID FORM**

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

1. 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

2. 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.
3. 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	100	\$	\$
33.08	6" Aeration Header Piping, HDPE	LF	1005	\$	\$
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	\$	\$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Division 43 – Process Gas and Liquid Handling, Purification, and Storage Equipment					
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

**SECTION 00450
QUESTIONNAIRE**

This form must be signed and included with the bid.

Each Bidder shall enter in the spaces provided the names of the manufacturers of equipment, which Bidder proposes to furnish. Only one manufacturer's name shall be listed for each item of equipment. Upon award of a contract the named equipment shall be furnished. Substitutions will be permitted only if named equipment does not meet the requirements of the Contract Documents, the manufacturer is unable to meet the delivery requirements of the construction schedule, or the manufacturer is dilatory in complying with the requirements of the Contract Documents. Substitutions shall be subject to concurrence of Owner and shall be confirmed by Change Order.

Preliminary acceptance of equipment listed by manufacturer's name shall not in any way constitute a waiver of the specifications covering such equipment; final acceptance will be based on full conformity with the Contract Documents.

Several manufacturers' names may be listed for each item to facilitate completing the Questionnaire in a timely manner. However, all nonapplicable names shall be crossed out prior to submission of the Bid. **Only one manufacturer's name shall be submitted with the bid. Failure to furnish all information required or to cross out all but one manufacturer's name for any item in this Questionnaire may be cause for rejection of the Bid.**



Equipment	Specification Section	Manufacturer
Generator	26 3213	a. Caterpillar b. Cummins c. Kohler
Submerged Attached Growth Reactor	44 4213.04	a. Nexom
Blowers	44 4213.04 & 46 5152	a. Aerzen b. Kaeser
Lagoon Aeration	46 5152	a. Nexom
Ultraviolet Disinfection Equipment	43 3263	a. Trojan b. Glasco

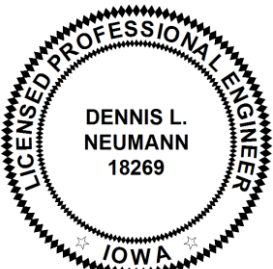
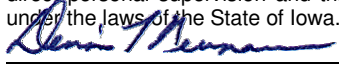
Company

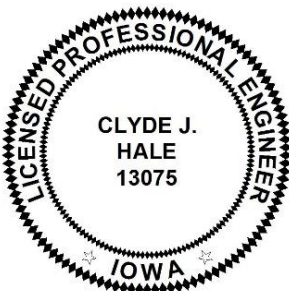

Project

Executive Officer

CERTIFICATION - ADDENDUM #3
SPECIFICATIONS
WASTEWATER TREATMENT IMPROVEMENTS
CITY OF GRANDVIEW, IOWA
2022

	<p>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.</p> <p> _____ MATTHEW JOHN WILDMAN, P.E.</p> <p>License No. 17910 My renewal date is December 31, 2023</p> <p>Pages or sheets covered by this seal: Bidding Requirements, Contract Forms, Conditions of the Contract, 1, 2, 22 (non-mechanical), 31, 33, 35, 43, 44, 46, and Section 09 9000.</p>
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	<p>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.</p> <p> _____ DENNIS L. NEUMANN, P.E.</p> <p>License No. 18269 My renewal date is December 31, 2022</p> <p>Pages or sheets covered by this seal: Divisions 3 and 5</p>
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	<p>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.</p> <p> _____ CLYDE J. HALE, P.E.</p> <p>License No. 13075 My renewal date is December 31, 2023</p> <p>Pages or sheets covered by this seal: Divisions 25 and 26.</p>
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