



HENEGHAN AND ASSOCIATES, P.C.

CIVIL ENGINEERS • LAND SURVEYORS

WWW.HAENGR.COM

Since 1986

Addendum No. 1

for

2021 WATER MAIN EXTENSIONS

Contract "A"

for Gateway Regional Water Company

1120 Tonti Road

Sandoval, Illinois 62882

H&A File No. 40007-415 Contract "A"

July 5, 2021

The Contract Documents prepared by Heneghan & Associates, P.C. for the 2021 Water Main Extensions Contract "A" for the Gateway Regional Water Company, dated May 2021, are hereby amended, or clarified as follows:

PROJECT SPECIFICATIONS

Changes/additions/clarifications to the project specifications are as listed below:

1. Bid Form: A REVISED BID FORM is included with the addendum, only bids submitted on this REVISED BID FORM will be accepted.

Item 40: Bacteriological Sampling added to bid form.

2. All questions are due to Lindsey Bowlin via email at lbowlin@heneghanassoc.com, no later than **4:30 p.m. on Friday, July 16, 2021.**

Technical Provisions:

None.

PROJECT DRAWINGS

Changes/additions/clarifications to the project drawings are as listed below:

None.

GENERAL

Attached is the Pre-Bid meeting Minutes and attendance list from the Pre-Bid meeting held June 30, 2021, 10:00 am at the Gateway Regional Water Company, Sandoval, Illinois. The Minutes are made a part of this Addendum, and the items stated in the Minutes shall be followed.

End of Addendum.

Lindsey L. Bowlin, P.E., Project Manager
Heneghan & Associates, P.C.

X 838 East McCord
Centralia, IL 62801
(P) 618-533-6525
(F) 618-533-6652

□ 310A Vision Drive
Columbia, IL 62236
(P) 618-281-8133
(F) 618-281-8290

□ 1004 State Highway 16
Jerseyville, IL 62052
(P) 618-498-6418
(F) 618-498-6410

□ 1929 Richardson Road
Arnold, MO 63010
(P) 636-464-3610
(F) 636-464-2059

"DEDICATING OUR SERVICES TO STRENGTHEN CLIENT TRUST"

**Pre-Bid Meeting - Wednesday, June 30, 2021 @ 10:00 A.M.
Gateway Water Treatment Plant,
1120 Tonti Road
Sandoval, Illinois 62882**

| Name | Company | Title |
|------|---------|-------|
|------|---------|-------|

[illegible]

2021 WATER MAIN EXTENSIONS

Contract "A"

Pre-Bid Meeting Minutes

Wednesday, June 30, 2021 @ 10:00 A.M.

Gateway Regional Water Company

1120 Tonti Road

Sandoval, Illinois 62882

Pre-Bid Meeting Minutes are in **bold**.

1. Introduce A. Heneghan & Associates' Representatives
B. Gateway Regional Water Company Representatives
2. Please sign the Attendance Sheet.
3. Bid Opening Wednesday, July 21, 2021, 10:00A.M.
GRWC Office 1120 Tonti Road, Sandoval, IL 62882
 - A. Addendum will be sent by Monday, July 5, 2021 and must be acknowledged on the bid form.
 - B. A 5% Bid Bond is required.
 - C. Revised wage rates will be included with the addendum.
 - D. GRWC is a ~~tax-exempt~~, not for profit organization. **Owner tax exempt status for the project can be found in the Instructions to Bidders Article 22.**
 - E. Substantial Completion for Contract "A" is within 280 calendar days after the date when the Contract Times commence to run provided in Paragraph 2.03 of the General Conditions.
 - F. Liquidated damages are set at \$800 per day, or actual damages, whichever is greater.
 - G. All bidders must hold bid prices for 90 days.
 - H. For bonding purposes the estimate for Contract A is under \$1.5M.
4. After Bid Opening, Heneghan & Associates will prepare certified bid tabulations. Low bidders for the contract will then be contacted for a reference list and Heneghan & Associates will follow-up on references.
5. If Bids are acceptable, a recommendation will be given to the GRWC Board at their regular Board Meeting on July 28, 2021.
5. Easements - GRWC is in the process of acquiring the required easements necessary for the project. A portion of the project is located within Township, County, and State Highway ROW.
6. Items in specifications to be aware of that are specific to this project or different/changed from Heneghan & Associates' typical rural water specifications (listed by section number, in technical provisions of project specifications):
 - 11.04 Water used by the Contractor to fill, test, and flush water lines and service connections will be billed at \$4.00 per thousand gallons used. Unless actually metered, this will be charged to the Contractor at ten times the entire pipeline volume, plus leaks and line breaks, during construction and subsequent warranty period.
 - 11.06 Contractor attention is drawn to the Highway permits provided in the Specifications. Also see Sec 11.12 COORDINATION WITH LOCAL ROADWAY OFFICIALS.
 - 11.06 Easements will be available to be viewed at the Heneghan and Associates office.

- 11.10 Clean up is very important to GRWC! Payment for cleanup will be incidental to water main installation. The Owner will withhold 12% of the installed cost of all water main, items 1, 2, 9, 10, and 11 until final clean-up/seeding work is satisfactory. All debris including old fences, brush, stumps must be removed and disposed of off-site. Debris cannot be piled alongside of the road. Disposal is to be continuous with land clearing operations. No fences are to be cut unless absolutely necessary. If fences are referenced in an easement restriction, they may not be cut under any circumstance. All fences must be properly repaired. Road Permits for various State, County, and Township Roads and Railroads are included in the Specifications and shall be followed.
- 11.21 The CONTRACTOR shall obtain an NPDES General Permit for Construction Activities. The CONTRACTOR is responsible for all aspects of the permit process from the Notice of Intent to Construct, through Notice of Termination, including the weekly and rainfall inspections as necessary per the permit and according to section 34 of these specifications. The CONTRACTOR will be responsible for implementation and maintenance of all erosion control measures necessary for his/her respective contract.
- 31.01 All areas trenched between May 1 and December 31 must be cleaned up, final graded, and permanent seeded by May 21 of the following year. All areas trenched between January 1 and April 30 must be cleaned up, final graded, and permanent seeded by September 30 of the same year. Total retainage is 10% of entire project as stated in the General conditions plus cleanup retainage (12%). Cleanup retainage will be 12% until certificate of final completion is issued. Rock backfill/road restoration - trench backfill across gravel drives and field entrances is incidental and required for full trench width/depth.
- 31.10 Rock Excavation by the directional boring method shall be paid for at the contract unit price per cubic yard determined by measuring/estimating the average volume (diameter of rock cutter & estimated length of rock) of the rock removal. However, the OWNER will pay for no more than 1.3 times the diameter of the pipe. The RPR is required to measure the volume for rock excavation. This shall remain uncovered, or water main of the respective size will be paid. If an earth/rock type profile is encountered, then only the rock profile is paid in rock excavation unit price. **No soil borings were completed but we do not anticipate significant rock excavation.**
- 34.01 The CONTRACTOR shall obtain an NPDES General Permit for Construction Activities. The CONTRACTOR is responsible for all aspects of the permit process from the Notice of Intent to Construct, through Notice of Termination, including the weekly and rainfall inspections as necessary per the permit and according to section 34 of these specifications.
- 41.04 Backfill for longitudinal installation along township roads within 2 ft of roadway edge is pay item "Granular Backfill" **of the diameter as specified on the plans.**
- 41.07 Leak test is not allowed. RPR shall be present when pressure testing water main **and the owner may be present during testing.**
- 41.08 Flushing, pigging (2 pigs per line segment), Bio-Penetrant, and disinfection are all incidental to water main installation.
- 41.08 2 passing Bacteriological samples shall be taken 48 hours apart. OWNER shall be present when both samples are taken. Samples shall be taken to an IEPA approved laboratory. Results shall be given to Owner and Engineer (can be submitted via email).
- 41.08.A Flushing operations must be coordinated with GRWC to minimize low pressure situations. During flushing operations a fire hose(s) is to be used to direct flush water to the nearest natural drainage ditch or waterway. Coordinate flushing and tie-ins/hot taps

with system operator.

- 41.08.I An IEPA approved sampling plan has been included on Sheet 2 of the plan set. Twelve (12) total samples at 6 sites. The Contractor must take Bac-T samples in accordance with this plan. Each Bac-T sampling pay item includes 2 passing samples taken 48 hours apart that may be checked by the Owner. Results shall be provided to OWNER/ ENGINEER. **A "Bacteriological Sampling" pay item paid per each will be added to the bid form via addendum. The quantity for this pay item will be twelve (12).**
- 51.02.E. All water main is to be installed within three days of stringing.
- 51.08.A A full length of pipe shall be used where PVC pipe connects to a fitting or appurtenances that require blocking. Where a full length of pipe cannot be utilized for any reason, a UFR joint restraint, manufactured by The Ford Meter Box Company, Inc, shall be used at the next nearest joint to the fitting such that the length of restrained pipe is greater than or equal to twenty (20) feet.
- 51.09.05 All valve boxes shall be installed upon the valve with the use of a Valve Box Alignment Device (Gate Valve Adapter for gate valves 4-12") and this work shall be incidental to the price for gate valves with box.
- 51.09.17 Casing spacers are required. Either end seals or a method approved by the OWNER shall be used to seal the end of the casing, to be reviewed during submittals.

- 7. Submit pay request(s) seven (7) days prior to monthly Board meeting (Last Wednesday of each month) to Engineer. After GRWC approves, pay request submitted to RD. Once approved at RD typically less than or equal to 30 days, pay request paid by GRWC (within 30 days). **Onsite RPR will be verifying daily/weekly quantities with the Contractor to avoid discrepancies when Contractor submits pay request. Heneghan will also inform the Contractor of any changes to the scheduled board meetings as necessary.**
- 8. Plan holder's lists available upon request and online at haengr.com.
- 9. Changes/Clarifications to the Plans and specifications currently include the following:

Specs:

- 11.06 The following paragraph shall replace the second paragraph of Section 11.06:

Some property owners have restrictive clauses in their easement regarding trees and shrubbery, fences, private utilities, width of easement, forcing construction in road right-of-way, etc. The CONTRACTOR shall comply with these restrictive clauses. It is entirely the CONTRACTOR'S responsibility to be aware of all restrictions and easements, and no increase in the contract price shall be allowed for any construction methods, landowner notifications, etc., necessary to comply with the restrictions. Note that an attempt has been made to show easements obtained and those with restrictions on the plan sheets. Restricted easements are indicated on the plan sheet with an "@". The CONTRACTOR shall refer to the individual easements for details regarding the restriction(s). The CONTRACTOR shall take whatever means necessary to assure themselves that they have the easements necessary to proceed with the work and that they are abiding by all listed restrictions. Neither the Owner, the Engineer, nor the Company's Attorney makes any warranty that the easements and/or restrictions shown on the plan sheets are 100% accurate or inclusive. The information plotted on the drawings is for the RPR and CONTRACTOR'S use, but information so given is not to be construed as a representation that said easements/restrictions are 100% accurate or inclusive as plotted. The easements will be available for CONTRACTOR review at Heneghan and

Associate's office, as well as the Engineer's office.

41.04 This Section shall be revised such that Granular Backfill shall be paid on a lineal foot basis (L.F.). **The bid form has the correct unit of lineal foot for this pay item.**

10. Representatives of HA and GRWC are available to review the water main route after the pre-bid meeting.

11. Comments from other Heneghan & Associates representatives:

-The "future road and turn lane improvements" called out on sheet 15 have been completed. Therefore, the alignment of the water main on the Farina Farms, Inc. property may be adjusted in the field to accommodate changes in location of the Contract B master meter. The easement for this property is signed and is worded as "centered on the as constructed water main".

-This project is subject to compliance with the American Iron and Steel (AIS) Act.

12. Comments from GRWC representatives:

-The GRWC board meeting scheduled for July 28th may be moved up to either the 26th or 27th. This is the board meeting that Heneghan will give their recommendation on the bids. An addendum will be issued if there is a change in the date of the board meeting, but this will NOT change the date that the bids are due.

*After these minutes were developed the Board decided **not** to move the meeting date.*

13. Comments/Questions from Contractors regarding Contract "A":

-Who is the best contact for any questions related to the project? Lindsey Bowlin, preferred by email at llbowlin@heneghanassoc.com or by phone 618-533-6525.

BID FORM – REVISED PER ADDENDUM #1

Gateway Regional Water Company

2021 Water Main Extensions

Contract "A"

40007-415

TABLE OF CONTENTS

| | Page |
|--|-------------|
| ARTICLE 1 – Bid Recipient | 1 |
| ARTICLE 2 – Bidder’s Acknowledgements..... | 1 |
| ARTICLE 3 – Bidder’s Representations | 1 |
| ARTICLE 4 – Bidder’s Certification..... | 2 |
| ARTICLE 5 – Basis of Bid | 2 |
| ARTICLE 6 – Time of Completion..... | 4 |
| ARTICLE 7 – Attachments to this Bid..... | 4 |
| ARTICLE 8 – Defined Terms..... | 5 |
| ARTICLE 9 – Bid Submittal | 6 |

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Keith Ritter, President

Gateway Regional Water Company

1120 Tonti Road, Sandoval, IL, 62882

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.

Addendum, Date

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work **and including all American Iron and Steel requirements.**
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost,

progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

PROJECT: 2021 Water Main Extensions - REVISED PER ADDENDUM #1

H&A FILE NO.: 40007-415

| ITEMS - BASE BID | | QUANTITY | UNIT | UNIT PRICE | TOTAL PRICE |
|------------------|---|----------|------|------------|-------------|
| 1 | 10" PVC Pipe, CL 160, SDR 26 | 18885 | L.F. | \$ | \$ |
| 2 | 8" PVC Pipe, CL 160, SDR 26 | 36840 | L.F. | \$ | \$ |
| 3 | 10" Gate Valve with Box | 3 | Each | \$ | \$ |
| 4 | 8" Gate Valve with Box | 6 | Each | \$ | \$ |
| 5 | 6" Gate Valve with Restrained Joints | 3 | Each | \$ | \$ |
| 6 | Bore 10" Water Main | 1330 | L.F. | \$ | \$ |
| 7 | Bore 8" Water Main | 1905 | L.F. | \$ | \$ |
| 8 | Bore 6" Water Main | 35 | L.F. | \$ | \$ |
| 9 | 10" Restrained-Joint PVC, CL 200 | 2230 | L.F. | \$ | \$ |
| 10 | 8" Restrained-Joint PVC, CL 200 | 2502 | L.F. | \$ | \$ |
| 11 | 6" Restrained-Joint PVC, CL 200 | 40 | L.F. | \$ | \$ |
| 12 | Open Cut 20" Steel Casing Pipe | 100 | L.F. | \$ | \$ |
| 13 | Open Cut 16" Steel Casing Pipe | 105 | L.F. | \$ | \$ |
| 14 | Bore & Jack 24" Steel Casing Pipe | 310 | L.F. | \$ | \$ |
| 15 | Bore & Jack 20" Steel Casing Pipe | 350 | L.F. | \$ | \$ |
| 16 | Bore & Jack 16" Steel Casing Pipe | 227 | L.F. | \$ | \$ |
| 17 | Fire Hydrant | 3 | Each | \$ | \$ |
| 18 | Remove Flushing Hydrant | 1 | Each | \$ | \$ |
| 19 | 10" x 10" Tapping Sleeve with 10" Gate Valve with Box | 1 | Each | \$ | \$ |
| 20 | 8" x 8" Tapping Sleeve with 8" Gate Valve with Box | 2 | Each | \$ | \$ |
| 21 | 6" x 6" Tapping Sleeve with 6" Gate Valve with Box | 1 | Each | \$ | \$ |
| 22 | Granular Backfill for 10" Water Main | 300 | L.F. | \$ | \$ |
| 23 | Granular Backfill for 8" Water Main | 200 | L.F. | \$ | \$ |
| 24 | Septic Encasement | 40 | L.F. | \$ | \$ |
| 25 | Field Drain Repair | 5 | Each | \$ | \$ |

| | | | | | |
|-------------------------|---|-----|-------|----|----|
| 26 | Rock Excavation | 50 | Cu Yd | \$ | \$ |
| 27 | 10" D.I. Tee | 1 | Each | \$ | \$ |
| 28 | 10" D.I. Elbow - 90 Degree | 5 | Each | \$ | \$ |
| 29 | 10" D.I. Elbow - 45 Degree or 22 Degree | 3 | Each | \$ | \$ |
| 30 | 8" x 6" x 8" D.I. Tee | 2 | Each | \$ | \$ |
| 31 | 8" D.I. Elbow - 90 Degree | 6 | Each | \$ | \$ |
| 32 | 8" D.I. Elbow - 45 Degree or 22 Degree | 1 | Each | \$ | \$ |
| 33 | 10" x 8" D.I. Reducer | 1 | Each | \$ | \$ |
| 34 | 10" x 6" D.I. Reducer | 1 | Each | \$ | \$ |
| 35 | 8" x 6" D.I. Reducer | 1 | Each | \$ | \$ |
| 36 | Valve Marker | 16 | Each | \$ | \$ |
| 37 | Utility Sign | 4 | Each | \$ | \$ |
| 38 | Unsuitable Backfill Material | 500 | L.F. | \$ | \$ |
| 39 | NPDES Permit, Erosion Control, and Inspection | 1 | LS | \$ | \$ |
| 40 | Bacteriological Sampling | 12 | Each | \$ | \$ |
| TOTAL BID AMOUNT | | | | \$ | |

Dollars

(In Words)

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security;
 - B. List of Proposed Subcontractors;
 - C. List of Proposed Suppliers;
 - D. List of Project References;

- E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;
- F. Contractor's License No.: [REDACTED] [or] Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- G. Required Bidder Qualification Statement with supporting data; and
- H. If bid amount exceeds \$10,000, signed Compliance Statement (RD400-6). Refer to specific equal opportunity requirements set forth in the Supplemental General Conditions;
- I. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transactions (AD-1048);
- J. If Bid amount exceeds \$100,000, signed RD Instructions 1940-Q, Exhibit A-1, Certification for Contracts, Grants, and Loans.
- J.K. K. Manufacturers' Certification letter of compliance with Section 746 of Title VII of the Consolidated Appropriations Act of 2017 (Division A - Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2017) and subsequent statutes mandating domestic preference for all equals or substitutes approved by Addenda for American Iron and Steel products as provided in these Contract Documents.

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature]

[Printed name]

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature]

[Printed name]

Title:

Submittal Date:

Address for giving notices:

Telephone Number:

Fax Number:

Contact Name and e-mail address:

Bidder's License No.:

(where applicable)