HENEGHAN AND ASSOCIATES, P.C.



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ADDENDUM No. 2

Jefferson County Public Sewer District Weber Hill Terrace/Warren Woods Sanitary Sewer Improvements

H&A File No. 80009-502 January 8, 2021

The Contract Documents prepared by Heneghan & Associates, P.C. for Weber Hill Terrace/Warren Woods Sanitary Sewer Improvements for the Jefferson County Public Sewer District, dated April 2020, are hereby amended or clarified as follows:

GENERAL

The pre-bid meeting sign-in sheet and minutes are attached. The Minutes are made a part of this Addendum, and the items stated in the Minutes shall be followed.

PROJECT DRAWINGS

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

None.

PROJECT SPECIFICATIONS

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

1. EJCDC C-410 Bid Form shall be revised as attached; only bids submitted on the "Bid Form (REVISED 01/08/2021)" shall be accepted.

The changes to the Bid Form include:

- Owner Address is updated.
- Item 1 description is revised to say "2" dia. HDPE or PVC Pipe, CL 200, SDR-21 Forcemain"
- Item 12 description is revised to say "HMA or Bituminous Surface Driveways"
- Item 28* quantity is revised to 125.

2. Section 32.21.F.4 shall be replaced as follows:

"4.1 Hot Mix Surface over a Flexible Base.

Where the existing driveway is hot mix asphalt and the base consists of a flexible material such as gravel or crushed stone, the base replacement shall consist of a minimum of eight (8) inch compacted thickness

of material unless otherwise indicated on the plans and shall conform to the following coarse aggregate materials as described in the MoDOT "Standard Specifications for Highway Construction."

- a. Type 1
- b. Type 5
- c. Type 7

Placing and compacting of the base course material shall conform to the methods described in the above-referenced specifications for aggregate base course. The surface replacement shall consist of a bituminous prime coat and a two (2) layer hot mix asphalt surface plant mix totaling three (3) inches in thickness conforming to the MoDOT "Standard Specifications for Highway Construction." The prime coat shall be MC-30 at a uniform rate of 0.35 gallons per square yard. The prime shall cure for at least twenty-four (24) hours before surface coat is applied.

This work shall be completed within two weeks of disturbance if HMA is available, otherwise see 32.21.D, unless OWNER agrees in writing with CONTRACTOR to wait till end of the project.

4.2 BITUMINOUS TREATED Surface OVER A FLEXIBLE BASE

Where the existing roadway is hot mix asphalt or bituminous treated/oil and chipped, and the base consists of a flexible material such as gravel or crushed stone, the base replacement shall consist of a minimum of eight (8) inch compacted thickness of material unless otherwise indicated on the plans and shall conform to the following coarse aggregate materials as described in the MoDOT "Standard Specifications for Highway Construction."

- d. Type 1
- e. Type 5
- f. Type 7

Placing and compacting of the base course material shall conform to the methods described in the above-referenced specifications for aggregate base course. The surface replacement shall consist of a bituminous prime coat and an A-2 surface. The prime coat shall be MC-30 at a uniform rate of 0.35 gallons per square yard. The prime shall cure for at least twenty-four (24) hours before surface coat is applied. Oil for the two (2) surface coats shall be either HFE 150 or HFRS 2 applied at a minimal rate of 0.3 gallons per square yard. The CM- 15 chips shall be applied at a rate of 25 pounds per square yard. All work and material shall be per the MoDOT "Standard Specifications for Highway Construction."

End of Addendum.

Seth W. Elliott, P.E.

Project Manager

Heneghan & Associates, P.C.



VISITOR SIGN IN

DATE	NAME	EMAIL ADDRESS
3		
1/8/01	Jeson & Jac Vanderanter	Jschneider Drandevarter. 200
1/8/21	JOE BEFFA VELOCITY	JBEFFA @ VELOUTY ICENTS. COM
1/8/21	Mike Warnecke	muarnecke@ Kelpe.com
1-8-21	Tom Broderick	AEC1314Q Comed. Com
1-8,21	Frank Marchesi Ja	Frank, - e Bi State Utilities. com
1-8-2021	Kory Faulkner	kory. faulkner arkexc. com
1-8-21	Michael Crachiolo	Fred M. Luth & SON
1-8	Rob Schulze	robs. boehmerbro SQ hotmail com
1-8	CHRIS LOCHER	Chrisa Kjuinc. com
1-8	DAN HUFKER-FLOSYSTER	is Danhulker@flosystems.com
1-8-2021	Kim Biondo	kim@wehmeyerfarms.com
1-8-2021	Kent Rollins	ucc2803@hotmail.com
1-8-2021	K. Bielicki	kbielicki@jhberra.com

Jefferson County Public Sewer District Weber Hill/Warren Woods Sanitary Sewer Improvements Pre-Bid Meeting Minutes

Friday, January 8, 2021 @ 10:00 AM.

Jefferson County Public Sewer District, 4629 Yeager Road, Hillsboro, MO 63050

And Virtually via 3CX Web Meeting.

- 1. Introduce A. Jefferson County Public Sewer District Representatives
 - B. Heneghan and Associates, P.C. Representatives
- 2. Please sign the Attendance Sheet.
- 3. Bid Opening Friday, January 22, 2021 @ 1:00 pm (local time), Jefferson County Public Sewer District (JCPSD), 4629 Yeager Road, Hillsboro, MO 63050.
 - a. 5% Bid Bond.
 - b. Must use prevailing wage rates, listed in the specifications.
 - c. Hold bid prices for 90 days.
 - d. Engineer's estimate for bonding: \$3,000,000
- 4. If the Bids are acceptable, a recommendation will be given to the Jefferson County Public Sewer District for their Board Meeting on January 27, 2021. If accepted at that time, the CONTRACTOR would be sent a Notice to Proceed. The CONTRACTOR will then have two weeks to execute the necessary paperwork and bonding requirements. Based on the schedule above, the completion date will be as noted in the contract documents:
 - a. Substantial Complete: 365 days; Final: 545 days (which allows for a seeding season)
- 5. Submit pay request(s) to the Engineer the first day of each month. Engineer, Contractor and District RPR will work together to finalize within ten (10) days. Then Engineer will submit to District Manager for approval and payment will be issued following District receipt of funds.
- 6. Planholder's lists available online at haengr.com/Bid Documents.
- 7. Changes/Clarifications to the Plans and Specifications currently include the following:
 - a. Plans:
 - i. None
 - b. Specs:
 - i. A corrected Table of Contents will be issued with these meeting minutes as part of Addendum—1.2.
 - ii. Bids shall be submitted as instructed in the Advertisement for Bids, to the Owner's office at 4629 Yeager Road. The Bid Form lists a previous address.
 - iii. EJCDC C-410 Bid Form: Quantity for item 28 "Personal Grinder Pump Station 1HP Simplex Pump w/ Curb Stop/Check Valve Assy" shall be adjusted to 125.
 - iv. Section 10.04.07 item 12a (and Section 52.03.D.) shall allow HDPE pipe for pipe diameters of 2" and smaller, SDR-11 or 9, with submittals being required.
 - v. Section 32.16 Rock Excavation, page 32-13, last paragraph the first sentence shall be revised as follows:

For sewer main excavations for PVC and HDPE pipe up to 12 inches in diameter, rock shall be excavated to a width of at least 12 inches for the entire depth of the excavation.

- 8. Comments from HA:
 - a. Retainage 5%; stored material 5%
 - b. Liquidated Damages \$800 per calendar day or actual damages, whichever is greater
 - c. MBE/WBE Rules
 - d. Shop Drawing (Submittal) Review Contractor shall review prior to submittal to
 Engineer; shall contain contractor's signature and date of review on transmittal.

 Contractor shall provide written notice of deviations of any type from the requirements of the contract documents. Sample of Engineer response shall be provided with minutes from this meeting.
 - e. <u>Items to be aware of, critical to this project:</u>
 - i. Rock Excavation measurement and payment (pg 32-13)
 - ii. <u>Bid Items separation of work for sewer main installation vs. lateral/pump</u> installation
 - iii. Decommission Septic Tanks licensed hauler
 - iv. 42.05 pipe testing requirements
 - v. <u>USACE</u> permit calls for crossing Bear Creek Trib at Terrace Drive, sheet 5 STA. 22+50; shall be completed in accordance with Section 42.06, "Drainage Ditch/Creek Crossing"
 - vi. Resident Project Representative is to be by the Owner.
- 9. Comments from the District representatives:

On-site representative (RPR) will be onsite when the contractor is working, so keep him informed of working days.

On-site representative will work with the contractor to maintain communication within the community, specifically concerning road closures/traffic routes, and future work schedule planning.

- 15. Comments/Questions from Contractor's:
 - a. Are there any American Iron and Steel requirements?
 No, those requirements do not apply to this project.
 - b. What is the depth of asphalt required?

Seth Elliott stated there will be a clarification issued related to the use of oil/chip surfaces versus HMA surfaces. Clarification to the specifications are in Addendum #2.

c. What is the depth and diameter of the grinder pump pits?

The grinder pump WH101-092 as specified, is 92" depth and 29.5" outside diameter of the pit, with additional outside diameter for ballasting as required in the manufacturer's installation requirements.

d. <u>Is there a stored material or lay down yard available?</u>

The District identified that there is a small area available at the Yorktown Wastewater

Treatment Plant on Airport Road near the subdivision. However, it was noted this site is not secured and has experienced vandalism in the past.

16. Site Visit – contractors were welcomed to visit the site with the District manager if they wanted.

BID FORM (REVISED 01/08/2021)

Jefferson County Public Sewer District Weber Hill Terrace/Warren Woods Sanitary Sewer Improvements 80009-502

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ARTICLE 1 - BID RECIPIENT

This Bid is submitted to:

Jefferson County Public Sewer District 4629 Yeager Road Hillsboro, MO 63050

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 of 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.
- 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:
 - "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - "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;
 - "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 e 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: Weber Hill Terrace/Warren Woods SSIA					
H&A FILE NO.: 80009-502					
				UNIT	ESTIMATED TOTAL
	ITEMS - BASE BID "A"	QUANTITY	UNIT	PRICE	PRICE
₁	2" dia. HDPE or PVC Pipe, CL 200, SDR 21 - Forcemain	6082	LF	\$	\$
<u> </u>	3" dia. PVC Pipe, CL 200, SDR 21 -	0002	LI	Ψ	φ
2	Forcemain	5504	LF	\$	\$
	4" dia. PVC Pipe, CL 200, SDR 21 -				
3	Forcemain	2100	LF	\$	\$
4	Connect to Existing Manhole	1	EACH	\$	\$
5	Air Release Valve	8	EACH	\$	\$
6	2" Gate Valve	3	EACH	\$	\$
7	3" Gate Valve	7	EACH	\$	\$
8	4" Gate Valve	2	EACH	\$	\$
9	Force Main Flush Structure/Cleanout	15	EACH	\$	\$
10	Force Main Testing	13686	LF	\$	\$
11	Select Granular Backfill	500	CU YD	\$	\$
12	HMA or Bituminous Surface Driveway	1450	SQ YD	\$	\$
13	Bituminous Surface Roads	17700	SQ YD	\$	\$
14	Portland Cement Concrete 6"	60	SQ YD	\$	\$
15	Sign Removal and Replacement	2	EACH	\$	\$
16	Mailbox Relocation	19	EACH	\$	\$
17	Creek Crossing	2	EACH	\$	\$
18	Temporary Seeding and Mulch	13200	LF	\$	\$
19	Erosion Control	1	LS	\$	\$
20	Permanent Seeding	13200	LF	\$	\$
21	Bonding and Insurance	1	LS	\$	\$
22	Mobilization/Demobilization	1	LS	\$	\$
23	Rock Excavation	1775	CU YD		
24	Traffic Control & Protection	1	LS	\$	\$
	1.25" dia. PE Pipe - Service Line				
25*	from Grinder Pump to Force Main	14500	LF	\$	\$
26*	Service Connection to Force Main (includes saddle and corp)	161	EACH	\$	\$
	Connect Lateral and Decommission	101	LACH	Ψ	Ψ
27*	Existing Septic Tanks	161	EACH	\$	\$
	Personal Grinder Pump Station 1HP				
28*	Simplex Pump w/ Curb Stop/Check	40E	EACH	œ.	
L_0	Valve Assy.	125	EACH	\$	\$

]	<u> </u>	3
TOTAL BID AMOUNT					\$	
32*	Rock Excavation (for service lines and grinder pumps)	2725	CU YD	\$	\$	
31*	Exploratory Digging of Septic Systems before installation of Sewer Main	161	EACH	\$	\$	
30*	Permanent Seeding (for service lines and grinder pumps)	10800	LF	\$	\$	
29*	Temporary Seeding and Mulch (for service lines and grinder pumps)	10800	LF	\$	\$	

(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.
- 6.03 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.: **[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 Λ-1, Certification for Contracts, Grants, and Loans.
 - 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

^{*}These items are ineligible for RSG funds.

preference for all equals or substitutes approved by Addenda for American Iron and Steel products as provided in these Contract Documents.

L.H. Business Entity Certification, Enrollment, Documentation, and Affidavit of Work Authorization; Pursuant to §285.530.1, RSMo, the contractor assures that it, as well as its subcontractors do not knowingly employ, hire for employment, or continue to employ an unauthorized alien to perform work within the State of Missouri, and shall affirm, by sworn affidavit and provision of documentation, its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. Further, the contractor assures that it, as well as its subcontractor shall sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services.

In accordance with sections 285.525 to 285.550, RSMo a general contractor or subcontractor of any tier shall not be liable when such contractor or subcontractor contracts with its direct subcontractor who violates subsection 1 of section 285.530, RSMo if the contract binding the contractor and subcontractor affirmatively states that the direct subcontractor is not knowingly in violation of subsection 1 of section 285.530, RSMo and shall not henceforth be in such violation and the contractor or subcontractor receives a sworn affidavit under the penalty of perjury attesting to the fact that the direct subcontractor's employees are lawfully present in the United States.

- M. Domestic Products Procurement Law RSMo 34.350 34.359 Certification; All manufactured goods or commodities used or supplied in the performance of any contract or subcontract awarded on this project shall be manufactured, assembled or produced in the United States, unless obtaining American-made products would increase the cost of the contract by more than ten percent (10%). In accordance with sections 34.350 through 34.359 RSMo a waiver may be requested from the owner.
- I. Non-Collusion Affidavit
- J. Certification Regarding Debarment and Suspension
- K. Certification of Nonsegregated Facilities
- L. Minority and Women's Business Enterprise Utilization Worksheet to the list of required documents. And add a statement, "Bidder shall identify the disadvantaged firms which will receive subcontracts, the type of enterprise and contract amount using this worksheet (or similar format). If the established goals are not met, the bidder shall provide documentation which demonstrates steps taken in an attempt to meet the goals."

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

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Submittal Date:	
Address for giving notices	
Telephone Number:	
Fax Number:	
Contact Name and e-mail	address:
Bidder's License No.:	(where applicable)
	(where applicable)

Table of Contents

Advertisement For Bids	EJCDC No. C-111 (2013 Edition)
Instructions to Bidders	EJCDC No. C-200 (2013 Edition)
Bid Form	EJCDC No. C-410 (2013 Edition)
Business Entity Certification, Enrollment Documentation and Affidavit of Work Authorization	Missouri Revisor of Statues
Bid Bond	EJCDC No. C-430 (2013 Edition)
Statement of Contractor's Qualifications	EJCDC No. C-451 (2013 Edition)
Certification for Contracts, Grants, and Loans	1940-Q, Exhibit A-1
Non-Collusion Affidavit of Prime Bidder	
Notice of Award	EJCDC No. C-510 (2013 Edition)
Agreement Between Owner and Contractor(s)	EJCDC No. C-521 (2013 Edition)
Performance Bond	EJCDC No. C-610 (2013 Edition)
Payment Bond	EJCDC No. C-615 (2013 Edition)
Notice to Proceed	EJCDC No. C-550 (2013 Edition)
General Conditions	EJCDC No. C-710 (2013 Edition)
Prevailing Rate of Hourly Wages (when required)	Supplied by Missouri Department of Labor
Minority Business Enterprise/Women's Business Enterprise	Utilization Worksheet
Nonsegregated Facilities	40 CFR Part 7
Contractor's Application for Payment	EJCDC No. C-620 (2013 Edition)
Certified Payroll	CP-1 to CP-2
Partial Lien Waiver	PL-1
Final Lien Waiver	FL-1
Certificate of Substantial Completion	EJCDC No. C-625 (2013 Edition)
Work Change Directive	EJCDC No. C-940 (2013 Edition)
Change Order	EJCDC No. C-941 (2013 Edition)
Field Order	EJCDC No. C-942 (2013 Edition)

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