

City of Gonzales

ADDENDUM NO. 3 Industrial Sewer Collection System Project 07-30-2024

The following changes additions and clarifications are hereby made part of the contract documents for the above referenced project and shall be taken into account in the preparation of all proposals and the execution of all work. This Addendum shall be signed by the Bidder, be attached to submitted bid and acknowledged on the bid forms. All changes, omissions, additions and alterations in, on and to the Contract Documents and Specification will apply to proposals made for the execution of the various parts of the work affected thereby. In cases of conflict between the Plans, Specifications and this Addendum, this Addendum shall govern.

Changes to Bid Documents:

1. The Specifications for the Industrial Sewer Collection System Project have been modified. The links below access the modified sections. All bidders shall replace the original sections with these modified sections in preparing bids:
 - a. **REPLACE: Section 02223, Page 02223-1**, (Update Part 1, 1.03.A) can be accessed via this link
<https://mnsengineers.box.com/s/k9dmn7l41ds47lok5m9frtw2pjzy09i6>
 - b. **REPLACE: Project Plans, Detail Sheet D-1**, can be accessed via this link
<https://mnsengineers.box.com/s/g5xv12sd5kjlz4j5vjbs4uwi0v44ptv>
2. Answers to Contractor Questions. The following shall be considered as supplemental requirements in preparing bids:
 - a. *Question:* Detail 7 on Sheet D-1 of the Bid Documents is titled "TRENCH DETAIL IN UNPAVED AREAS" This detail shows the "Pipe Zone" backfill with the following note;

BACKFILL TO 6" OVER THE TOP OF PIPE WITH SELECTED EXCAVATED MATERIAL FREE FROM ROCK LARGER THAT 2" DIA. BACKFILL SHALL HAVE S.E. OF 30 OR GREATER (IF NOT AVAILABLE, PROVIDE IMPORTED BACKFILL MATERIAL).

Specification Section 02223 TRENCHING, BACKFILLING, AND COMPACTING, in para. 1.03 A DEFINITIONS, defines the Pipe Zone as follows, *Pipe Zone: The pipe zone shall include the full width of trench from the bottom of the pipe or conduit to a horizontal level 12 inches above the top of the pipe.* This is different that what is shown on Detail 7 Sheet D-1 which only calls for Pipe Zone backfill to extend to 6" over the top of the pipe versus the 12 inches referenced herein.

Can the City please clarify if the Pipe Zone shall extend to 12-inches above the top of pipe, or if the Pipe Zone should only extend to 6-inches above the top of pipe?

Answer: The Pipe Zone extends 6-inches above the top of pipe per Detail 7 on D-1. Specification Section 02223, Part 1.03A is revised to read "Pipe Zone: The pipe zone shall include the full width of trench from the bottom of the pipe or conduit to a horizontal level 6 inches above the top of the pipe."

- b. *Question:* Specification Section 02223 TRENCHING, BACKFILLING, AND COMPACTING, in para. 2.01 NATIVE EARTH BACKFILL section C. states that *Only approved imported sand shall be used in the pipe zone.* This is different than Detail 7 on Sheet D-1 which directs contractors to backfill to 6" over the top of pipe with select excavated material. Based upon a quick review of the geotechnical report, it is not clear if the native material meets the S.E. 30 requirement.

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Can the City please clarify if Native excavated soil will be acceptable for use in the Pipe Zone, or if imported Sand as specified in para. 2.03A will be required?

Answer: Imported sand will be required for the pipe zone since the native may not meet the requirements.

- c. *Question:* Please provide RIM's and Inverts for manholes 19 and 20.

Answer:

Manhole 19:

RIM = 128.63'

INV OUT = 120.92'

INV IN = 121.12'

Manhole 20: shown on detail 1/D-5

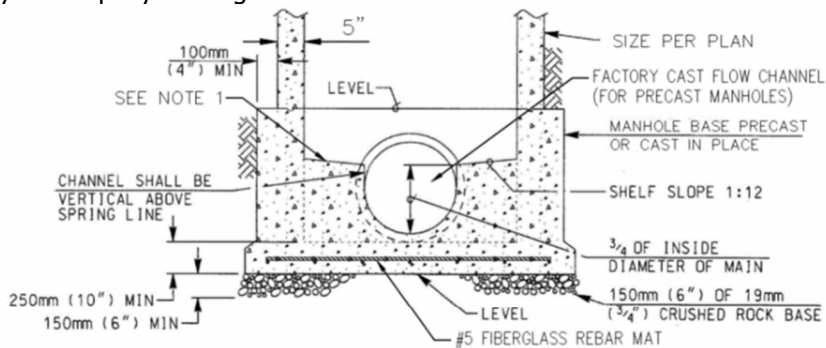
RIM = 128.5' - 129' +/-

NEW 12" OUT = 121.17'

*per the contract docs, rim elevations for these two manholes are approximate

- d. *Question:* Please clarify bid item 12, cast in place polymer sewer manhole. Is it just the base of the manhole that is cast in place? On detail 3/ D-1 note 1 states that a polymer overlay shall be applied to the manhole base please provide a spec on that polymer coating.

- a. *Answer:* For manhole installation at grade, concrete base shall be precast, unless otherwise specified such as Manhole 20 and Manhole 21 (cast-in-place manhole base). For buried manhole installation, concrete base can either be precast or cast in place. If manhole base is cast in place manholes, polymer overlay shall be applied to the concrete shelf. Polymer overlay is a protective coating that enhances the durability and resistance of the concrete surface to chemical attack, abrasion, and moisture infiltration. An example of a polymer overlay is an epoxy coating.



MANHOLE BASE SECTION

NOTES:

1. FOR CAST IN PLACE MANHOLE BASE, POLYMER OVERLAY SHALL BE APPLIED TO CONCRETE SHELF.
2. BALLAST SHALL BE INTEGRALLY CAST WITH MANHOLE BASE BY MANHOLE MANUFACTURER AND BALLAST SLAB SHALL FLARE OUT 11 INCHES AND SHALL BE 6 INCHES THICK.

MANHOLE BASE **3**
NOT TO SCALE VAR

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- e. *Question:* Note 5 on Sheet C-2 of the Bid Documents states the following,

EXISTING 12" VCP SEWER MAIN AND MANHOLES SHALL BE REMOVED AND DISPOSED OF IF WITHIN TRENCH SECTION PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS OR ABANDONED AND CAPPED WITH MANUFACTURED CAP COMPATIBLE WITH EXISTING MATERIAL IF OUTSIDE OF TRENCH SECTION"

Is this Existing 12" Sewer main active? If yes, does this flow need to be handled and bypassed?

Answer: No, the existing 12" sewer is not active.

- f. *Question:*

- i. The depth of this existing (12") sewer main is not shown anywhere on the profile drawings, can the City provide as-built information regarding depth and proximity to the proposed 27" sewer main?
- ii. Are the 12" pipe and manholes to be abandoned or removed?

Answer: The City does not have as-built information for the 12" VCP. Refer to General Notes 5, Sheet C-2 if 12" VCP sewer main and manholes are encountered during construction.

- g. *Question:*

- i. Please provide a peak flow rate and time for the existing sewer.
- ii. Regarding the 12" sewer: What type of effluent is inside? What are the flow rates?

Answer: Peak Hour Flow rate = 2 MGD. The 12" sewer is not in service.

- h. *Question:* Can the alignment of the proposed sewer line be shifted within the 50 foot easement to provide more separation from the existing sewer line?

Answer: No.

- j. *Question:* Would the City allow Vylon PS 115 PVC to replace SDR 26 PVC pipe?

Answer: Pipe material will conform to the plans and specifications.

- k. *Question:*

- i. Will the dewatering allowance, bid item 17, compensate contractors for all impacts should groundwater be encountered?
- ii. Bid items 17 and 18 address possible contingency items, however their scope description in SECTION 0257-R is as follows: Payment for Bid Item 17 and 18 will be made as needed, not to exceed the lump sum bid price as listed in the bid table. If the actual cost for the contingency work covered under these items exceeds the lump sum bid price as listed in the bid table, how does the contractor get compensated?

Answer: Bid Items 17 and 18 will be paid on a time & materials basis as required to facilitate construction. While not anticipated, if dewatering efforts exceed the allowance, the Contractor will be compensated in accordance with Article 9 of the General Conditions.

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- l. *Question:* Does the City have accurate location data on these manholes? You mentioned in the pre-bid that there was accurate location information on the 21" manholes, but don't recall that the 12" was discussed.

Answer: The City does not have survey data for the manholes for the 12" VCP.

- m. *Question:* I'm reviewing the bid forms for the Industrial Sewer Collection and noticed that we cannot change the Disclosure of Lobbying Activities form. will this form be revised, or should we use it as is?

Also, if you need an example Box 1, we cannot change it from d. Loan to a. Contract.

<p>1. * Type of Federal Action:</p> <p><input checked="" type="radio"/> a. contract</p> <p><input type="radio"/> b. grant</p> <p><input type="radio"/> c. cooperative agreement</p> <p><input checked="" type="radio"/> d. loan</p> <p><input type="radio"/> e. loan guarantee</p> <p><input type="radio"/> f. loan insurance</p>
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Answer: The fillable form can be accessed via this link,
https://www.epa.gov/sites/default/files/2020-06/documents/sflll_1_2-v1.2_fill-sign.pdf

3. Bid opening date remains the same: **August 6, 2024, at 2:00 pm** local time.

This Addendum has been sent to all "bidders of record". If there are questions regarding this addendum or bid, contact Megan Panofsky of MNS Engineers, Inc. via email at mpanofsky@mnsengineers.com.

Megan Panofsky

Megan Panofsky, Program/Construction Manager

Bidders shall acknowledge receipt of the Addendum by signing and dating below and returning the Addendum with your sealed bid

Bidder's Authorized Representative

Date

End of Addendum 3