



Invitation for Bid No. 2021-078

West Fork Twelve-Mile Creek Interceptor

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ADDENDUM No. 2

ISSUE DATE:

Responding Offerors on this project are hereby notified that this Addendum shall be made a part of the above named IFB document.

The following items add to, modify, and/or clarify the IFB documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the IFB document.



Hazen and Sawyer
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ADDENDUM NO. 2 TO CONTRACT DOCUMENTS

**Project: UNION COUNTY PUBLIC WORKS
West Fork Twelve-Mile Creek Interceptor**

**Union County Invitation for Bid No. 2021-078
Hazen and Sawyer Project No. 30831-049**

DATE: May 17, 2021

To: ALL HOLDERS OF RECORD OF CONTRACT DOCUMENTS

Bidders for the above-named project shall take note of the following changes, additions, deletions, clarifications, etc., in the Contract Documents, which shall become a part of the Contract Documents, and shall be taken into consideration and be included in the Bid.

Please acknowledge receipt of Addendum No. 2 in the Bid in the space provided. Note the Addendum Number and Date where required in the Bid as evidence that the Bidder has received and reviewed this Addendum and has followed instructions outlined herein.

James N. Struve, P.E.
HAZEN AND SAWYER

May 17, 2021



QUESTIONS:

1. Question: Can excavated rock material be placed onsite and the spoil from placing be used to backfill the trench?

Response: Excavated rock material may be buried within the permanent easement but outside the pipe trench as long as at least 8-inches compacted depth of rock-free material covers the buried rock material, the relocated material is fully consolidated, and the compaction achieves the requirements set forth in Specification Section 02200, Paragraph 3.09.A. Excess material of any kind or type will not be allowed to be wasted or installed above pre-construction surface elevations.

2. Question: Can you please direct the bidders on where mechanical excavation will be payable so as to avoid any games with unit pricing? Essentially dictating that payment for mechanical rock excavation will only be paid where blasting is not allowed?

Response: Correct - Rock removal via mechanical methods will only be paid where rock is encountered (definition of rock defined in Specification Section 02220, Paragraph 1.04.B), is required to be removed to install the pipe, and rock removal via blasting is not allowed. Rock removal via blasting is not allowed within 100-ft of newly placed concrete and within 50-ft of any structure (Specification Section 02202, Paragraph 3.01.B) and per Duke Energy Easement Requirements (Specification Section 01012 – Special Provisions).

3. Question: Section 02202 calls for blast monitoring at every structure within 500 feet which will result in several monitoring locations. The monitor at the closest structure will provide the highest realized particle velocity and the others will essentially be a waste. Can you relax this requirement to only the closest structure or any specific structures of consequence?

Response: No – this requirement is to protect the Property Owner, Union County, Contractor, and Engineer.

4. Question: Can the pre-blast survey radius be adjusted from 1,000-feet to 500-feet, both distances are mentioned in the specifications? Typically, the 500-foot radius is most commonly specified.

Response: No – this requirement is to protect the Property Owner, Union County, Contractor, and Engineer.

5. Question: Can the excess soil from the pipe and manhole installations be left on site, i.e., spread and / or wasted along the ROW, excluding maintained areas?

Response: Excess material of any kind or type will not be allowed to be wasted or installed above pre-construction surface elevations.

6. Question: Can the wood chips from the clearing operations be left on site at locations that are not within maintained lawn / landscape areas? This is typically considered a best practice for erosion control. The specification state that all chips have to be removed from the floodplain, but a majority of the project is within the floodplain.

Response: Per Specification Section 02100, Paragraph 3.05.E, Contractor may chip wood and dispose of on cleared easement when easement is not in the FEMA 100-year floodplain or on landscaped private property. Depth of wood chips shall not exceed 2-inches unless approved by the Engineer / Owner. If Contractor receives approval from a private property owner to accept disposal of wood chips on their property, then written permission is required and the County must be provided with a copy of this agreement.

6. Question: Please confirm that rip-rap can be used in lieu of articulated concrete block as noted in the last sentence on Note 2 on Detail Sheet D2 (Detail 1/D2)?

Response: Yes – Contractor may use Class B rip-rap in lieu of articulated concrete block for the permanent stream crossings per Detail 1/D2.

7. Question: Addendum #1 changed the contract times for substantial and final completion, but on page 12 of the Bid Form, Article 6 – Time of Completion, the contract times are still shown as 540 days & 570 days.

Response: Contract times for substantial and final completion were changed in Addendum #1. The change in contract times within the Bid Form are modified below.

SPECIFICATIONS:

Section C-410 – Bid Form

- Page 12, Article 6 – Time of Completion, Paragraph 6.01, change the number of consecutive calendar days for substantial completion from 540 days to 630 days.
- Page 12, Article 6 – Time of Completion, Paragraph 6.01, change the number of consecutive calendar days for final completion from 570 days to 660 days.

DRAWINGS:

- None

- END OF ADDENDUM No. 2 -