



Invitation for Bid No. 2021-078

West Fork Twelve-Mile Creek Interceptor

.....

ADDENDUM No. 1

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
9101 Southern Pine Blvd, Suite 250
Charlotte, NC 28273 • 704.357.3150

ADDENDUM NO. 1 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 10, 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. 1 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

5/10/2021



QUESTIONS:

1. Question: NCDOT's new excavation requirement is now 2:1 + 5-ft from the edge of a travel lane must be actively shored. For the roadway crossings a 1:1 line is shown on the Drawings which the bore / receiving pits are clear of, but according to the new regulation these pits will need to be actively shored. Will Union County / Hazen consider extending the casing lengths to eliminate the active shoring requirement?

Response: No. Even though regulations have changed with respect to active shoring requirements along NCDOT maintained roadways, NCDOT will honor the County's previously approved permit which allows no active shoring if excavation is outside the 1:1.

SPECIFICATIONS:

Section C-410 – Bid Form

- Pay Items A-1, A-3, A-4, and A-5 (Furnish and Install New Pipe) have been revised to require the prospective Bidders to provide pricing for PVC push-on pipe only.
- Pay Items J-1 and J-2 (Rock Excavation) unit quantities have been revised.
- The "Minimum Unit Costs" for Pay Item J (Rock Excavation) and Pay Item L (Select Backfill) have been deleted.
- Prospective Bidders are required to provide alternative unit pricing for furnishing and installing new 12", 18" and 24" push-on DIP (refer to Page 10 of the attached revised Bid Form). However, these costs are not to be included in the TOTAL BID PRICE nor will they be used by the County in the Evaluation of Bids or the Award of the Contract. Pricing will only be used in a subsequent change order following the award of the Contract if the County elects to install ductile iron in lieu of PVC piping.
- Replace the Bid Form with the attached revised Bid Form.

Section C-520 – Agreement

- Article 4.02.A – change the consecutive number of calendar days for substantial and final completion to 630 days and 660 days, respectively.

Section C-550 – Notice to Proceed

- The County will allow a flexible notice to proceed construction start date. The County and the awarded Contractor will jointly determine the notice to proceed start date within the range of 0 to 7 months from date of award of the construction contract by the Union County Board of Commissioners. The anticipated contract award date is June 2021. The Contractor is required to notify the County of their preferred notice to proceed date within 30 days of the contract award date.

DRAWINGS:

- None

- END OF ADDENDUM No. 1 -

BID FORM
UNION COUNTY
UNION COUNTY, NORTH CAROLINA
WEST FORK TWELVE-MILE CREEK INTERCEPTOR
UNION COUNTY PROJECT NO. SW037
IFB #2021-078

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	4
ARTICLE 6 – Time of Completion.....	12
ARTICLE 7 – Attachments to this Bid.....	12
ARTICLE 8 – Defined Terms.....	14
ARTICLE 9 – Bid Submittal	15

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

***Union County Government Center
Attn: Vicky Watts, Senior Procurement Specialist
500 North Main Street, Suite 709
Monroe, NC 28112***

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 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 60 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:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____

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:
 - 1. "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;
 - 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.

THIS PAGE INTENTIONALLY LEFT BLANK

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents and shall identify in the following table (1) his unit price bids for completing all work, (2) predetermined Contingency Allowance, and (3) the Total Bid Price which shall be the sum of the first two items.

- A. The predetermined Contingency Allowance shall be included in the Total Bid Price. This allowance shall be used only upon issuance of a written work order by the Engineer during the Contract. Any unused portion of the allowance remaining at the completion of the Contract shall revert back to the Owner as a credit. The Owner reserves the right to delete the allowance from the Contract prior to award.
- B. Unit Price Pay Item Descriptions are further described in Section 01025, Payment Item Descriptions.

Pay Item A - Furnish and Install New Pipe

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
A-1	Furnish and install new 8" push-on PVC pipe	LF	800	_____	_____
A-2	Furnish and install new 8" push-on DIP	LF	440	_____	_____
A-3	Furnish and install new 12" push-on PVC pipe	LF	20	_____	_____
A-4	Furnish and install new 18" push-on PVC pipe	LF	11,920	_____	_____
A-5	Furnish and install new 24" push-on PVC pipe	LF	7,580	_____	_____
A-6	Furnish and install new 8" RJ DIP	LF	450	_____	_____
A-7	Furnish and install new 18" RJ DIP	LF	1,750	_____	_____
A-8	Furnish and install new 24" RJ DIP	LF	3,150	_____	_____

Pay Item B – Furnish and Install New Manholes

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
B-1	Furnish and install new 4' diameter manhole	Ea	100	_____	_____
B-2	Furnish and install new 5' diameter manhole	Ea	3	_____	_____

Pay Item C – Guaranteed Bored/Tunneled Crossings

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
C-1	Antioch Church Road (Dwg C5)	LF	80	_____	_____
C-2	Beulah Church Road (Dwg C10)	LF	160	_____	_____
C-3	Forest Lawn Drive (Dwg C20)	LF	100	_____	_____

THIS PAGE INTENTIONALLY LEFT BLANK

Pay Item D - Stream Crossings (Permanent and Temporary)

Unit Price Pay Item Description		Units	Estimated Quantity	Unit Price	Bid Price
D-1	S-1 (Temporary) - Dwg C1	LS	1	_____	_____
D-2	S-2 (Permanent) - Dwg C1	LS	1	_____	_____
D-3	S-3 (Temporary) - Dwg C1	LS	1	_____	_____
D-4	S-4 (Temporary) - Dwg C2	LS	1	_____	_____
D-5	S-5 (Permanent) - Dwg C2	LS	1	_____	_____
D-6	S-6 (Permanent) - Dwg C6	LS	1	_____	_____
D-7	S-7 (Permanent) - Dwg C9	LS	1	_____	_____
D-8	S-8 (Temporary) - Dwg C11	LS	1	_____	_____
D-9	S-9 (Permanent) - Dwg C15	LS	1	_____	_____
D-10	S-10 (Temporary) - Dwg C16	LS	1	_____	_____
D-11	S-11 (Permanent) - Dwg C17	LS	1	_____	_____
D-12	S-12 (Permanent) - Dwg C19	LS	1	_____	_____
D-13	S-13 (Temporary) - Dwg C21	LS	1	_____	_____
D-14	S-14 (Temporary) - Dwg C23	LS	1	_____	_____
D-15	S-15 (Permanent) - Dwg C24	LS	1	_____	_____

Pay Item E – Furnish and Install Tie-In Connections

Unit Price Pay Item Description		Units	Estimated Quantity	Unit Price	Bid Price
E-1	24" Sanitary Sewer (Dwg C1)	Ea	1	_____	_____
E-2	Brookhaven Pump Station (Dwg C24)	Ea	1	_____	_____
E-3	Scotch Meadows Pump Station (Dwg C26)	Ea	1	_____	_____
E-4	Grace Meadows Pump Station (Dwg C27)	Ea	1	_____	_____

Pay Item F – Clearing and Grubbing

Unit Price Pay Item Description		Units	Estimated Quantity	Unit Price	Bid Price
F-1	Furnish all equipment and labor for clearing the sewer line easements and temporary construction easements where shown	LS	1	_____	_____

Pay Item G – Provide Temporary Bypass Pumping

Unit Price Pay Item Description		Units	Estimated Quantity	Unit Price	Bid Price
G-1	Furnish, install, maintain and remove all necessary bypass pumps and piping	LS	1	_____	_____

THIS PAGE INTENTIONALLY LEFT BLANK

Pay Item H – Sedimentation and Erosion Control

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
H-1	Furnish, install, maintain and remove all sedimentation and erosion control measures	LS	1	_____	_____

Pay Item I – Landscaping, Seeding and Straw Cover

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
I-1	Furnish all materials and labor required for temporary seeding of disturbed areas	LF	27,950	_____	_____
I-2	Furnish all materials and labor required for final landscaping, seeding and placement of straw over disturbed areas	LF	27,950	_____	_____

Pay Item J – Rock Excavation

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
J-1	Rock excavation by blasting	CY	26,750	_____	_____
J-2	Rock excavation by mechanical methods	CY	1,500	_____	_____

Pay Item K – Additional Stone

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
K-1	Additional Rip-Rap (Class 2)	Ton	100	_____	_____
K-2	Additional stabilization stone (#67)	Ton	500	_____	_____

Pay Item L – Select Backfill

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
L-1	Select backfill	CY	500	_____	_____

Pay Item M – Abandonment and Demolition of Existing Pump Stations

	Unit Price Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
M-1	Scotch Meadows Pump Station (Dwg C28)	LS	1	_____	_____
M-2	Grace Meadows Pump Station (Dwg C29)	LS	1	_____	_____
M-3	Brookhaven Pump Station (Dwg C30)	LS	1	_____	_____

THIS PAGE INTENTIONALLY LEFT BLANK

Pay Item N – Laterals and Connections

	Unit Price	Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
N-1		4" Lateral and connection	Ea	2	_____	_____

Pay Item O – Access Gates and Fencing

	Unit Price	Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
O-1		Access Gate and Fencing	Ea	7	_____	_____

Pay Item P – Mobilization (Maximum of 3% of Total Bid Price)

	Unit Price	Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
P-1		Mobilization				_____

Pay Item Q – Contingency Allowance

	Unit Price	Pay Item Description	Units	Estimated Quantity	Unit Price	Bid Price
Q-1		Contingency Allowance				<u>\$200,000</u>

Total Bid Price (Items A-Q) _____

The TOTAL BID PRICE for completing all work included in the Contract shall be as follows (enter amount of Bid as shown above in words and numerals):

 _____ Dollars and _____
 Cents (\$ _____).

CONTRACTOR: _____
 (Print)

Provide alternative unit pricing for furnishing and installing new push-on ductile iron pipe (DIP). Pricing will be used in a subsequent change order if the County elects to install ductile iron in lieu of PVC piping. Pricing shall include all items as stipulated in Pay Item Description A (Section 01025).

Pay Item A - Furnish and Install New Ductile Iron Piping

	Unit Price	Pay Item Description	Units	Estimated Quantity	Unit Price	Extended Total
A-3		Furnish and install new 12" push-on DIP	LF	20	_____	_____
A-4		Furnish and install new 18" push-on DIP	LF	11,920	_____	_____
A-5		Furnish and install new 24" push-on DIP	LF	7,580	_____	_____

THIS PAGE INTENTIONALLY LEFT BLANK

Bidder acknowledges that (1) each unit price Bid item includes an amount considered by Bidder to be adequate to cover Contractor’s overhead and profit for each separately identified item, and (2) estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete within 540 consecutive calendar days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 570 consecutive calendar days after the date when the Contract Times commence to run.

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 Manufacturers/Subcontractors
- C. Evidence of authority to do business in North Carolina; or a written covenant to obtain such license within the time for acceptance of Bids
- D. General Contractor’s North Carolina License Number: _____
- E. Required Qualifications of Bidder with supporting data

CERTIFIED LIST OF PROPOSED MANUFACTURERS/ SUBCONTRACTORS

As part of the procedure for submission of Bids on this project known as **West Fork Twelve-Mile Creek Interceptor**, Bidder submits the following lists of Subcontractors and Suppliers to be used in the performance of work to be done on said Project. The lists furnished shall be based on requirements of the Contract Documents. Changes to this list after the Bid opening shall only be as approved by the Owner upon request by the Contractor or as required by the Owner based upon review of Contractor's submittals.

CATEGORY	MANUFACTURER/SUBCONTRACTOR
Ductile Iron Pipe Manufacturer	
PVC Solid Wall Pipe Manufacturer	
Manhole Manufacturer	
Jack-and-Bore Subcontractor	
Blasting Subcontractor	

QUALIFICATIONS OF BIDDERS

In order to assist the Owner in determining whether the Bidder is qualified to perform the Work, the Bidder shall furnish the following information with his Bid. **Items 1 through 4 must be submitted with the Bid.**

1. List of references who are qualified to judge as to his financial responsibility and his experience in work of similar nature to that bid upon.
2. List of previous contracting experience, including dollar values of contracts.
3. List of facilities or equipment that is available for use.
4. Name, residence, and title of the individual who will give personal attention to the work.
5. Financial Statement.

ASSETSCURRENT ASSETS:

Cash		\$_____
Notes and Accounts Receivable		_____
Inventories		_____

PLANT ASSETS:

Real Estate	\$_____	
Machinery	_____	
Good Will, Patents, etc.	_____	\$_____

LIABILITIES:

Notes Payable	\$_____	
Accounts Payable	\$_____	
Accrued Wages	_____	
Other Liabilities	_____	\$_____

EXCESS OF ASSETS OR NET WORTH		\$_____
-------------------------------------	--	---------

Notes:

- A. The above is a suggested form for the Financial Statement, and the Bidder is not required to follow the form explicitly. The Financial Statement submitted must clearly show to the satisfaction of the Owner the Bidders current financial condition. The Owner reserves the privilege of requiring additional information as to financial responsibility of the Bidder prior to awarding Contract.
- B. Bidder shall attach additional pages, if necessary, in order to complete the required information.
- C. The Bidder shall submit detailed information required for above items 1 through 4 with his Bid package and at the discretion of the Bidder the information required under Item 5 can be furnished after Bids are received if required by the Owner and Engineer to evaluate the financial qualifications of a prospective Bidder.

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.: _____