



ADDENDUM #1
October 1st, 2020

**Shallotte Transmission Waterline
Brunswick County Public Utilities
Brunswick County, NC**

This Addendum #1 to the Shallotte Transmission Waterline Project forms a part of the Contract Documents and modifies the original Bidding Documents as noted below. Bidders shall acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Bids that do not include documentation of Addendum Receipt may not be considered or reviewed.

REVISED FORM OF PROPOSAL

- Replace the original FORM OF PROPOSAL Sheet F-2 with the revised FORM OF PROPOSAL Sheet F-2 included with this Addendum.

PRE-BID MEETING SIGN IN SHEET AND AGENDA

- A Copy of the Pre-Bid Meeting Sign-in Sheet as well as Pre-Bid Meeting Agenda is attached

CONTRACTOR QUESTIONS:

- Included with this Addendum is a list of additional Contractor Questions and Answers.

By:


Matthew Haley, PE



END OF DOCUMENT

ALTERNATES:

Should any of the alternates as described in the Contract Documents be accepted, the amount written below shall be the amount to be "added to" or "deducted from" the base bid. (Clearly Mark "Add" or "Deduct" as appropriate.)

GENERAL CONTRACT:

Alternate No. G-1 *The use of products meeting the performance technical specification instead of products on the Approved Products List in the Supplementary General Conditions (or if omitted, the Approved Products List effective at time of bid).* Where there is a cost differential between a Preferred Brand item and the other equivalent item, list the equivalent item type, manufacturer, model, item number, and item cost deduction.

<u>Item Type</u>	<u>Manufacturer/Model/Item Number</u>	<u>Item Cost Deduction</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Deduct _____ Dollars(\$)

Alternate No. G-2 - Substitution of 24" C900 DR-18 Pipe for 24" Ductile Iron
 (Check one below)
 Add Deduct

_____ Dollars(\$)

Alternate No. G-3 - Substitution of 30" DR-9 HDPE for 24" Fusible C900 DR-18 on all Directional Drills
 (Check one below)
 Add Deduct

_____ Dollars(\$)

TRENCHLESS PIPE INSTALLATION SUBCONTRACTORS:

Horizontal Directional Drill Subcontractor:

On-Grade Trenchless Installation (Bore and Jack, Etc.) Subcontractor:

See the General Conditions Article 20 D 3 and Article 35 D.



SIGN-IN SHEET

CAPE FEAR
ENGINEERING

Project Name: Brunswick County - Shallotte Transmission Waterline
Project Number: 839-04
Date: 09/24/20 (Pre-Bid Meeting)
Location: Brunswick County Public Utilities Operations Center (250 Grey Water Road)

	Name	Company	Email Address	Phone
1	Johnny MEADOR	HALL Contracting Corp.	JMEADOR@HALLCONTRACTING.COM	704-598-0818
2	J. DAVID STEIKE	SANFORD CONTRACTORS	DSTEIKE@SANFORDCONTRACTORS.COM	919-770-4565
3	Dustin Wagoner	State Utility	dustin@sucontractors.com	910-383-3799
4	Walter J Carmichael	Carmichael Const Co Inc	Walter@Carmichaelcc.com WALTER DR@CARMICHAELCC.COM	910 4576510
5	Mike Hewitt	GARNEY Construction	mHewitt@GARNEY.com	(919) 235-5094
6	Jason Runk	Garney Construction	jrun@garney.com	(919) 586-5347
7	O'Neal Skipper	J Smith Civil	ostkipper@jscivil.com	919-330-1230
8	Craig Newhoff	Herring-Rivenbark Inc	cnewhoff@herringrivenbark.com	252 527 2599
9	Paul Smith	" "	←	" "
10	Chris deCathelineau	S. J. Louis Const.	estimators@sjlouis.com	320-253-9291
11	MICHA DILLAHAY	BCPU	MICHA.DILLAHAY@BRUNSWICKCOUNTYNC.GOV	910-523-4729
12	Jason Hill	TA Louing	jhill@talouing.com	919.581.7924
13	Adam Collins	TA Louing	acollins@TALOUING.COM	919-223-3033

14	Geoff Burdick	Underground Solutions	gburdick@aegion.com	704-619-0522
15	Steve Thornton	R. H. Moore Co. Inc	set13@rhmoorecompany.com	910-308-5965
16	JASON PRICE	StL Contracting LLC	jason@sanlcontractingllc.com	704 694 6450
17	Scott Burton	LEGACY WATER GROUP	Sburton@LEGACYWATERGROUP.COM	770-298-7929
18	Tim Hill	Ralph Hodge Const	Timh@ralphhodge.com	252-237-3663
19	Phil Broom	FALCONER CONSTRUCTION	pbroom@Falconerconstruction.com	910-750-6834
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**Shalotte Transmission Waterline
Brunswick County Public Utilities
Brunswick County, NC**

**September 24th, 2020, 3:00 PM
Pre-Bid Meeting Agenda**

The below information is intended to summarize key project information and requirements. This document is not considered an official contract document. Contractors shall verify all information with the Project Manual.

1. Meeting Introductions

- a. Client Introductions – Brunswick County – John Nichols, Brent Lockamy, Paul Biagiotti
- b. Engineering Introductions – CFE – Engineer: Matt Haley, Kyle Herring

2. Project Overview

- a. Approx. 25,000 LF of 24” Waterline
- b. Located primarily along US-17 from the southern intersection of Main Street to Red Bud Road SW
 - i. There are five points of connection to interconnect this line in with the existing Brunswick County water system.
- c. No services are proposed on this line.
- d. The majority of this project is located within the NCDOT Right-of-Way

3. Project/Bid Schedule

- a. Bid Date: *Sealed proposals will be received until 3:00 p.m. on Thursday, **October 15, 2020**, in the office of the Brunswick County Public Utilities Operations Center in Supply, NC*
- b. RFIs – All RFIs shall be submitted in writing (email or fax) to the Designer by 5:00 PM, Monday 10/05. Expect Final Addenda by Thursday 10/08.
- c. Anticipated Construction Start Date: December 2020 (Approximate time to completion: 12 Months)

4. Project Specifics

- a. Wetlands/Stream Crossing
 - i. There are wetlands and streams located within the project area.
 - ii. Contractor shall not disturb the wetland areas and shall make crossing via directional drill unless otherwise noted.
 - iii. Wetland evaluation and permitting has been completed and included it the Bid Documents.



- b. Easements
 - i. Brunswick County acquired utility easements for the installation of the waterline. Width varies.
 - ii. Contractor will be required to obtain any additional areas and provide documentation of permission from property owners for additional laydown/staging areas
- c. NCDOT
 - i. Contractor will be required to meet the Conditions provided in the NCDOT Encroachment Agreements included in the Bid Documents
 - ii. Brunswick County will not release Bond until NCDOT agrees that work in the right of way meets or exceeds NCDOT standards
- d. BEMC Coordination
 - i. In the event that any work conflicts with power poles, guys or lines, Contractor will be responsible for coordination and cost associated with BEMC

5. Bid Form

- a. Base Bid – Base Bid (Single Prime Contract) shall cover all work covered in the Contract Documents **including** unit price items, allowance items, testing allowance, change order allowance, and the use of Preferred Brands.)
- b. Alternates:
 - i. Alternate 1 shall be Complete Base Bid Price with the Add/Deduct Price of Alternate 1 included (Substitution of 24” C900 DR-18 for 24” Ductile Iron Pipe)
- c. Allowances:
 - i. Unsuitable Materials
 - ii. Pipe with Petroleum Resistant Gaskets
 - iii. Stone Pipe Bedding
 - iv. Additional Materials Testing
 - v. Change Order Allowance
- d. Basis of Selection
 - i. The award of the Contract will be made to the lowest responsible Bidder as soon as practical.
 - ii. The Owner may award on the basis of the base bid, unit prices, any alternates the Owner chooses, as well as meeting the requirements for consideration as a responsible Bidder.

6. Questions/Discussion



Shalotte Transmission Waterline
Brunswick County Public Utilities
Brunswick County, NC

CONTRACTOR QUESTIONS:

Q1: On page CU106 of plans you are showing at station 81+10 an arrow pointing to the pipe line which says +or- 200 lineal feet HDD #5, is this a typo on the plans for on the same page you have HDD #5 at Station 86+00?

A1: The note referenced on the profile at station 81+00 was left in error, disregard.

Q2: Is there an Engineer's Estimate for this project?

A2: Approximately \$6.1 Million.

Q3: How is the site supposed to be accessed and what is the process for Contractors to obtain approval for access from 17 to work within the controlled access areas?

A3: Contractor is responsible for coordinating site access in accordance with the NCDOT Encroachment Agreements. Copies of the Encroachment Agreements can be found in the in Part IV of the Project Manual. In any locations where site access is through private property, Contractor shall provide Brunswick County with copy of written agreement between the Contractor and Property Owner.

Q4: How is 10-foot separation supposed to be maintained from the fiber lines?

A4: 10-foot shown as a recommendation for waterline alignment in select areas where conditions allow. Please note that all existing utilities shown are based on the best information available at the time of design. Contractor is responsible for verifying all utilities and notifying the Engineer of any issues or discrepancies immediately upon discovery.

Q5: Will Brunswick County Public Utilities (BCPU) be receptive to longer directional drills if Contractor wishes to avoid short, open-cut sections between directional drills?

A5: Contractor shall price per plans and any variations to the directional drills will be handled case by case after project award. Any and all agreed upon changes shall be at no additional cost to the Owner.

Q6: How much notice is required for BCPU in locations where tie-ins/shutdowns of mains are required?

A6: BCPU and the Engineer will require a minimum 10 day notice on any shutdowns and a minimum 72 hour notice for utility connections and start of work.



Q7: How long can existing transmission line be shut down for a major tie in?

A7: Length of shutdown time will vary depending on the time of year and time of day. Typically, our lowest water demands are between the hours of 10:00 PM and 5:00 AM. No shutdowns will be allowed on peak hours during peak season.

Q8: Can BCPU provide water volumes so the Contractor can have appropriately sized pumps on hand?

A8: BC can provide length of line that will need to be drained for tie ins. Contractor will be responsible for calculating volume and sizing pumps correctly.

Q9: What is the date on the most recent set of plans to be used for this project?

A9: Issued For Construction plans with a seal date of 09/01/2020 are the official plans to be used for bidding and construction.

Q10: What are the requirements for stone bedding of the pipe, the plans state stone bedding only to be installed where approved by BCPU or Engineer, however the Geotech Report recommends stone bedding in all locations?

A10: Stone bedding will only be provided where approved by the Owner and/or Engineer. Stone bedding will be paid in accordance with the project documents and from allowance Item 3, Sheet F-4 on the Form of Proposal.

Q11: Are there any particular requirements when working in the area near the cemetery?

A11: There are no special conditions for the work to be completed adjacent to the cemetery.

Q12: Not all signage located in the right-of-way appears to be shown on the plans, what are the requirements for signage located in the right-of-way that is in conflict with the work?

A12: All signage in impacted by the project shall be removed, stored and reinstalled at the Contractor's expense in accordance with the NCDOT Encroachment Agreements. Contractor is responsible for verifying location of impacted signage prior to Bid.



Q13: What is the required process for Contractors that would like to obtain their own soil samples/boring prior to the bid?

A13: Any Contractor that would like to obtain their own soil samples/boring shall do the following:

- *Provide Brunswick County with written notice including locations and schedule of planned explorations.*
- *Contractor is required to contact 811 and have utilities located and marked prior to any ground disturbing activities.*
- *Contractor is required to have traffic control in accordance with all NCDOT and MUTCD requirements.*

Q14: What is the requirements for removal and replacement of unsuitable materials?

A14: Removal, disposal and backfill for unsuitable soils will only be provided where approved by the Owner and/or Engineer. Removal, disposal and backfill for unsuitable soils will be paid in accordance with the project documents and from allowance Item 1, Sheet F-4 on the Form of Proposal.

Q15: Are there any days in which work is not allowed?

A15: Work hours, times and days shall be as specified within the Brunswick County Conditions and the NCDOT Encroachment Agreements, whichever is more stringent. No work is allowed on holidays unless prior approval is granted by Brunswick County.

Q16: May the Contractor disperse the wood chips from the clearing and grubbing activities within the work area?

A16: All clearing and grubbing debris shall be removed and disposed of offsite at the Contractor's expense.

Q17: Confirm the size and location of insertion valve?

A17: See Sheet CU122. Valve to be installed on existing 30" waterline shall be a butterfly valve.

Q18: What are the compaction requirements for the waterline?

A18: Waterline backfill and compaction shall per the Project Specifications. Per the Contract Documents, Contractor shall employ and pay for the services of an independent testing firm to perform all testing required by the Contract Documents, Owner and/or Engineer



Q19: Are there any specific minority requirements for this project?

A19: Minority requirements are provided in the Contract and are standard Brunswick County project requirements.

Q20: Is this Federal/State funding or BCPU funding?

A20: BCPU has the funding for this project.

Q21: What are the requirements for the fencing located off Washington St. in conflict with the waterline route?

A21: Contractor is responsible for removing, storing and reinstalling. If fencing cannot be salvaged, Contractor is responsible for removing and replacing, in like kind.

Q22: Is there an approximate date expected for the Notice to Proceed?

A22: Anticipated Notice to Proceed would be in early December.

Q23: Is it the Contractor's responsibility for construction staking?

A23: The Contractor is responsible for all construction staking.

Q24: What are the requirements for controlled access fencing removed/disturbed during construction?

A24: Any NCDOT controlled access fencing impacted by the project shall be replaced by the Contractor in accordance with the Project Manual and the NCDOT Encroachment Agreements.

Q25: Is a dewatering permit required?

A25: A dewatering permit is not required, however, Contractor shall be responsible for all dewatering required to complete the project in accordance with all applicable Local, State and Federal regulations, and ensuring erosive conditions do not develop as a result of dewatering.

Q26: Who is responsible for excess soil and drilling mud disposal?

A26: Contractor is responsible for removal and disposal of all excess soil and drilling mud.



Q27: Does the base bid include all allowances and unit price items?

A27: The Base Bid shall include, "All work covered in the Contract Documents including unit price items, allowance items, testing allowance, change order allowance, and the used of Preferred Brands"

Q28: Are there any specific requirements on working hours?

A28: Work hours, times and days shall be as specified within the Brunswick County Conditions and the NCDOT Encroachment Agreements, whichever is more stringent. No work is allowed on holidays unless prior approval is granted by Brunswick County.

Q29: Is the existing Frontage Road NCDOT or Private?

A29: The portion of Frontage Road within the project limits is located within the NCDOT controlled access right-of-way. See approved Encroachment Agreements provided in Part IV of the Project Manual.

Q30: Does BCPU require poly wrap/cathodic protection on ductile iron pipes?

A30: No poly wrap or cathodic protection is required.

Q31: Will the Contractor be required to pay for water required to test the line or does BCPU provide water?

A31: Contractor will not be charged for water required to fill lines for testing. Coordinate with BCPU for access to water for testing.

Q32: Is there a bid tab for this project?

A32: Bid per Plans, Instructions to Bidders and Form of Proposal.

Q33: What is the ductile iron pipe class for this project?

A33: Per Brunswick County Specifications, 24" Ductile Iron Pipe shall be minimum Pressure Class 200.

Q34: At approximate station 245+25 the plans indicate a symbol for a butterfly valve, but one is not called out. Can you verify that a butterfly valve is required in this location?

A34: A 24" butterfly valve is required at this location.



CAPE FEAR
ENGINEERING

Q35: Please confirm where the bid alternate for 30" HDPE DR-9 used for directional drill should be recorded?

A35: See revised page F-2 provided in this addendum with Alternate G-3 added.