

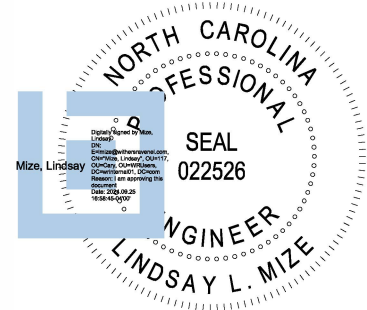


Date : September 25, 2024

Project: ECIA Transmission Main Improvements

Bid # 700-ENG-2025-03

Addendum No. 1



Please note that this addendum is for changes and/or clarifications to the Bid Documents.

Bidders are hereby notified that this Addendum shall be attached to and made a part of the Bidding and Contract Documents.

Clarifications:

1. See attached Pre-bid Meeting Agenda which includes bidder questions and clarifications issued during the meeting.
2. Contractor is responsible for coordinating and contracting railroad flagging services. An updated bid from to include a \$50,000 allowance will be provided in a future addendum. The "Allowance for Third Party SCADA Integration" bid item will be reduced by \$50,000.
3. The deadline for questions has been extended until September 27, 2024 at 5:00PM.

Changes to Specifications:

1. Update the following in all applicable locations of the Contract Documents:
 - a. The Town of Clayton has paid the Railroad Protective Liability Insurance.
 - b. Contractor shall provide for and coordinate railroad flagging services as required.

Changes to Drawings:

Changes to drawings are not issued as part of this addendum.

This addendum must be acknowledged and signed by an authorized representative of the firm and must be returned with your bid.

Failure to do so will cause your bid to be rejected:

By: _____
(Signature)

Name: _____
(Printed)

Title: _____

Date _____



WithersRavenel

Our People. Your Success.

PRE-BID CONFERENCE SUMMARY

Project: Town of Clayton
ECIA Transmission Main Improvements
Clayton Project # 700-ENG-2025-03
WR Project #02201012.00
EDA Grant #: 04-79-07480

Date: September 17, 2024

Location: 111 E. Second St Clayton NC 27520
In person

Please note that nothing discussed or said at this Pre-Bid Conference in any way amends the Contract Documents. Only Addenda can amend the Contract Documents.

1. Introduction / Attendance

The project is: ECIA Transmission Main Improvements

| Owner – Town Clayton | | |
|--|---------------|--|
| Town of Clayton Project Manager | Louis Duffie | lduffie@townofclaytonnc.org |
| Town of Clayton Contracts and MWBE Manager | Shaun Mizell | smizell@townofclaytonnc.org |
| Town of Clayton Assistant Director-Water Resources | James Blalock | jblalock@townofclaytonnc.org |
| Grant Administrator | Skip Green | s9351@nc.rr.com |
| Engineer – WithersRavenel & McKim & Creed | | |
| | Glynn Fleming | gflaming@withersravenel.com |
| | Lindsay Mize | lmize@withersravenel.com |
| | Michael Penny | mpenny@mckimcreed.com |
| | | |
| Funding Agency | | |
| | | |

2. Project Location & Description

- ▶ Installation of approximately 15,020 linear feet of PVC force main
- ▶ Installation of approximately 3,640 linear feet of FRP gravity sewer
- ▶ Abandonment or removal of approximately 2,100 linear feet of AC water main and miscellaneous water system improvements
- ▶ Pump Station improvements including but not limited to installation of a new wet well, valve vault, two (2) meter vaults, dri-prime pump, and modifications to existing infrastructure.

3. Project Schedule

Days to substantial completion: 510 calendar days

Days to final completion: 540 calendar days

Addenda 1 – Gravity Sewer Certification discussion

Timeline is 8-10 months currently but still in development. This would include install and testing.

115 MacKenan Drive | Cary, NC 27511

t: 919.469.3340 | f: 919.467.6008 | www.withersravenel.com | License No. F-1479

Asheville | Cary | Charlotte | Greensboro | Pittsboro | Raleigh | Southern Pines | Wilmington

4. Addenda

Questions regarding this project should be emailed to Louis Duffie at lduffie@townofclayton.org

All official notifications, addenda, and other Bidding Documents will be offered only through the designated websites. Neither Owner nor Engineer will be responsible for Bidding Documents, including addenda, if any, obtained from sources other than the designated website.

Addendum 1 will be released after this meeting and will include the summary and sign-in sheet from this meeting.

5. Bid Submission

Proposals sent before the bid date should be sent by mail to:

Town of Clayton
Attn: Louis Duffie
RE: ECIA Transmission Main Improvements
111 E. Second Street
Clayton, NC 27520

Bids delivered after 1:00 PM on October 15, 2024, will be rejected and not opened. **Bid Security/Bonds must be submitted separate from the sealed bidding documents. Place the Bid Security/Bond in a separate sealed envelope.**

6. Bid Package Requirements (EJCDC C-410)

Per Specification Section C-410 Bid Form, the following documents are submitted with and made a condition of this Bid. You Bid may be deemed non-responsive if this information is not completely filled out and included with your bid:

- A. Required Bid Bond or other allowable Bid security; Bid Security/Bonds must be submitted separate from the sealed bidding documents. Place the Bid Security/Bond in a separate sealed envelope.
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers;
- D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
- E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- F. Enter Contractor's License Number as called for throughout bid AND write on the outside of sealed envelope containing the Bid.
- G. Required Bidder Qualification Statement with supporting data; and
- H. Photocopy of Bidder's North Carolina General Contractors License.
- I. Statement of Compliance with requirement of the General Conditions that the Bidder will ensure that at least 60% percent of work is performed with the Bidder's employees (provide statement on bidder's letterhead).
- J. Certified list of equipment & material manufacturers.
- K. Bidder's Certificate as to Organization and Authority
- L. Equal Employment Opportunity Addendum.
- M. Non-Collusive Affidavit.

- N. Non-Discrimination Clause.
- O. Affidavit A or B as applicable.
- P. Identification of MWBE Sub Contractors
- Q. E-Verify Affidavit
- R. Liabilities
- S. Acknowledgement of addendum, when applicable, include signature page of each addendum issued.

7. Responsible Contractors

Bidders will be evaluated for responsiveness, quality, and responsible work history. All bids must be accompanied by a certified or cashier's check or bid bond in the amount of 5% of the total maximum amount bid, made payable to the Owner. No bidder may withdraw his/her bid within **60** days after the actual date of the opening thereof. Bidders must be licensed contractors in the state(s) in which the work is to be completed. Review Article 2 of the Bid Form for a list of items needed with bids.

8. Property Acquisition

The OWNER has obtained all required property and easements for the project.

9. Information Available to Bidders (Section 00 03 00)

All appendices include all the documents normally found in this section. If you see something missing or questions please email Louis.

10. Work Area

All work must occur within temporary and permanent easements obtained by the Town of Clayton or public rights-of-way as indicated on the drawings. Staging areas beyond this are the responsibility of the CONTRACTOR.

11. Existing Active Streets

Please note that all proposed work is near or within active streets. Some streets have high volumes of traffic. All potential BIDDERS are responsible for reviewing and accounting for all required traffic control and safety precautions required for the project. The Contract Documents reference areas where CONTRACTOR shall provide Traffic Control Plans, however, CONTRACTOR shall comply with all encroachment requirements and is responsible for safety of the site and if additional areas require Traffic Control, those shall be provided by the CONTRACTOR at no additional cost to the Owner.

12. Unit and Lump Sum Prices (Section 01026 with the Bid Form C-140)

Section 01026 Unit and Lump Sum Prices along with the Bid Form C-140, describes the bid schedule line items and how each is to be measured and paid. The bidders should closely review these as some line items are lump sum and others are to be measured on a quantity basis. All include multiple work items such as excavation, backfill, materials, labor, taxes, shipping, etc., that would be inclusive and necessary for a complete installation.

See General and Supplementary Conditions for additional requirements including but not limited to Contractor information, Engineering and Owner review period.

13. Project Funding

The Town of Clayton and Johnston County have received a \$6,000,000 joint Economic Development Administration (EDA), US Department of Commerce Grant (04-79-07480) to assist in the design and construction of sewer improvements. In addition to the EDA grant, project design

and construction financing will also utilize a minimum of \$4,722,780 local funds. If additional funds are required, based upon the bid price of selected Contractor, the Town will compensate with additional local funds. The Town of Clayton's (Town) project consists of sewer improvements, to be owned and operated by the Town. The selected firm must meet Federal contract requirements.

14. EDA Contracting Provisions for Construction Projects:

EDA Provisions are listed in Division – 00 of the Bid Document & Project Manual.

15. MBE Solicitation Requirements

There is a 10% MWBE participation goal in accordance with North Carolina General Statutes. Documentation of MWBE solicitation will be required to be submitted with bids. The award of the Contract cannot be made until all such documentation have been submitted. BIDDERS are cautioned to become familiar with the forms and provide the requested documentation. See the requirements listed in "Special Instructions to Bidders Regarding Utilization of Minority Business in Construction Projects" and subsequent Affidavit A, Affidavit B, and Identification of MWBE Sub Contractors. Affidavit C and Affidavit D to be submitted only by the apparent lowest responsible, responsive bidder.

16. Davis Bacon Wage Rates

Davis Bacon Wage Rates apply to this project. The Contractor and their Sub-Contractors shall follow but not be limited to the following requirements: post Davis Bacon Poster, post wage rates, maintain and submit weekly payrolls, provide employee interviews and submit these to the OWNER or their representatives and the Funding Agency representatives.

17. American Iron and Steel; Build American Buy American (BABA)

Per the EDA's Contracting Provisions for Construction Projects (included in Division 00), "To the greatest extent practicable, contractors are encouraged to purchase American-made equipment and products with funding provided under EDA financial assistance awards."

Certain sections do have requirements for years of experience in the US, please pay attention to those sections.

18. Subsurface Investigation Reports

A subsurface investigation report, titled "Updated Report of Subsurface Investigation", dated June 20, 2023, by GeoTechnologies, Inc., is included in Appendix B. This report identifies below grade conditions and offers general information for site preparation, excavation, fill material, dewatering, prepared primarily for use of Engineer. Recommendations included in this report are not requirements of this Contract, unless specifically referenced in the Contract Documents. These reports, by their nature, cannot reveal all conditions existing on the Site.

19. Permits and Encroachments

Permits are appended to the Project Manual and are considered part of the Contract Documents. The project is being partially funded by the Economic Development Administration. Contractor will be responsible for all cost associated with maintaining compliance and updating all permits obtained to-date, and obtaining additional permits, if necessary, for completion of construction. Additionally, Contractor is responsible for all costs associated with scheduling, coordinating, and completing required Town of Clayton building inspections, as required for the project.

Bidders shall thoroughly review the conditions of each permit and encroachment which include preconstruction submittals and meetings, and post construction submittals. Some of the Contractor requirements has been included on the drawings and in Specification Section 01000 Special Conditions, however, this does not exclude the Contractor from complying with all requirements of

the permits and encroachments. The following permits have been obtained by the Engineer on behalf of the Owner, and are included in Appendices to the Project Manual:

- NCDOT Encroachment Agreement
 - See Supplementary Conditions for providing a NCDOT Performance Bond of \$150,000
- NCDOT Temporary and Permanent Drive Permit
- North Carolina Railroad Encroachment
 - Includes requirements for preconstruction submittals, flagging operations, and access.
- Duke Energy Distribution – Letter of No Objection
- PNG – Encroachment
 - Includes requirements for protection of existing utilities during construction
- NCDEQ – Wastewater Collection System Extension Permit
- NCDEQ – Public Water Supply – Authorization to Construction
- NCDEQ – DEMLR – Erosion and Sedimentation Control
- NCDEQ – NCG01 Stormwater Permit
- NCDEQ – 401 Water Quality Certification
- NCDEQ – DWR Buffer Authorization
- USACE – 404 Nationwide Permit 58

20. Existing Utilities

Contractor shall verify location of existing utilities prior to beginning construction. No separate payment will be provided. Contractor shall dig up each utility which may conflict with construction 14 days in advance to verify locations (horizontally and vertically) to allow the engineer an opportunity to adjust the design to avoid conflicts.

21. Maintenance of Facility Operations (Specification Section 01111)

See this specification for additional requirements and recommended construction sequencing for lift station improvements.

- Contractor shall submit Construction Phasing Plans to the Engineer for review and approval for improvements to the ECIA Lift (Pump) Station.
- Contractor shall provide a bond for the haul route through the Novo Nordisk Wastewater Pretreatment Facility (WWPF) (See Supplementary Conditions 6.01.4, and Special Conditions Section 01000 6.07.A) in the amount of \$200,000.
- The Grifols Access Drive is a private roadway owned by Grifols. If requested to be utilized, at the expense of the Contractor, the Contractor shall coordinate with Engineer and Town of Clayton to obtain access and provide a temporary security chain link fence of equal or better quality with the same dimensions as the existing security fence.

22. Water Systems Improvement's and Installation of Gravity Sewer

Water System Improvements must be completed prior to initiating sewer installation from proposed MH 7 to Proposed MH 15. See Sheets C24 and C25 for general notes, construction sequencing requirements, water service interruption requirements, water main abandonment requirements, and fire hydrant installation sequence.

Please review the MOPO specification for sequencing.

23. Property Owner Coordination and Restoration

Contractor is expected and required to cooperate with property owners affected by the work. Private agreements with property owners must be in writing on a form approved by the Owner and a copy shall be provided to the owner prior to proceeding with construction activities affected by said agreement. The drawings include requirements for property owner coordination and

restoration which includes durations of allowable work and time periods for when restoration shall occur. See Specification Section 01000 Special Conditions, Article 3 for requirements of entry onto the project site. See the drawings for pre-construction requirements to either remove, locate, relocate existing utilities or facilities, and restoration requirements.

24. Question and Answer Period

At this time all potential BIDDERS may ask project related questions.

The deadline to submit questions on the project is September 24, 2025 at 5:00PM.

Final addendum to be posted October 1st.

- ▶ Clarification: Bidders shall review specifications for schedule of value submittal requirements.
- ▶ Bidder Question: Who is responsible for coordinating/providing railroad flagging?
 - Response: To be addressed/clarified in coming addendum
- ▶ Bidder Question: Is there a geotechnical report available?
 - Response: Geotech report is available in Project Manual, Appendix A.
- ▶ Bidder Question: Are bidders free to propose sub(s) of their choosing?
 - Response: Yes, with the exception of the Owner-preferred Integrator (Control Systems Integrator, CSI). The CSI will be Custom Controls Unlimited, Inc.; 2600 Garner Station Boulevard, Raleigh, NC.
- ▶ Bidder Questions: Can subcontractors change after bid?
 - Response: Yes, EDA may require a letter documenting the change.
- ▶ Bidder Question: Is there an Engineer's Opinion of Cost?
 - Response: Yes
- ▶ Bidder Question: Will Engineer's OPCC be made available?
 - Response: No
- ▶ Bidder Question: Is funding in place for the project?
 - Response: Yes, funding is secured through revenue bonds and capital funds.
- ▶ Bidder Question: Can the PS Site be accessed before bidding?
 - Response: Yes. Interested parties may contact Louis Duffie to arrange access. Please allow 24-48 hours advance notice of desire to visit site.
- ▶ Bidder Question: Will there be restrictions on work hours/days?
 - Response: See the General Conditions for standard work hours and requirements for working outside of standard work hours. Bidders are encouraged to familiarize themselves with current Town noise ordinance criteria.
- ▶ Bidder Question: Will there be restrictions on work hours/days if the discussed ICT is issued?
 - Response: Work hours/days will follow what is listed in the General Conditions.
- ▶ Bidder Question: Will job be executed as one (1) construction contract?
 - Response: Yes
- ▶ Bidder Question: Is there a possibility the bid date is pushed back?

- Response: No delay is anticipated at this time



WithersRavenel
Engineers | Planners | Surveyors

PRE-BID CONFERENCE
for the
ECIA Transmission Improvements, Town of Clarkton
Tuesday Septemeber 17, 2024
1:00 PM

Nothing discussed or said at this Pre-Bid Conference in any way amends the Contract Documents. Only Addenda can amend the Contract Documents

ATTENDANCE SHEET
(PLEASE PRINT CLEARLY - THANK YOU)

| Name | Company Name | Company Address | Phone # | Email |
|---------------|---------------------|---|--------------|--|
| Glynn Fleming | WithersRavenel | 115 MacKenan Drive Cary, NC 27511 | 919.469.3340 | gffleming@withersravenel.com |
| Lindsay Mize | WithersRavenel | 167 E. Chatham St. Cary, NC 27511 | 919.469.3340 | lmize@withersravenel.com |
| Michael Penny | McKimCreed | 4300 Edwards Mill Road, Suite 200, Raleigh, NC 27612 | 919.233.8091 | mpenny@mckimcreed.com |
| Louis Duffie | Town of Clayton | | 919.695.1042 | |
| Chris Rowland | Town of Clayton | | 984.310.7951 | crowland@townofclayton.org |
| Jacob King | Moffat Pipe | 701 Finger Lake Dr, Wake Forest NC 27587 | 919.295.4630 | bids@moffatpipe.com |
| Tyler Sutton | TA Loving Co | PO Drawer 919 Goldsboro, NC | 919.734.8400 | tsutton@taloving.com or jprice@taloving.com |
| Skip Green | SGT Associates | 123 Windgate Drive, Clayton NC | 919.763.0925 | 59351@ncrr.com |
| J David Stike | Sanford Contractors | 623 Rocky Ford Church Road | 919.770.4565 | dstike@sanfordcontractors.com |



PRE-BID CONFERENCE
for the
ECIA Transmission Improvements, Town of Clarkton
Tuesday Septemeber 17, 2024
1:00 PM

Nothing discussed or said at this Pre-Bid Conference in any way amends the Contract Documents. Only Addenda can amend the Contract Documents

ATTENDANCE SHEET
(PLEASE PRINT CLEARLY - THANK YOU)

| Name | Company Name | Company Address | Phone # | Email |
|--------------|----------------------|--|--------------|--|
| Umar Urias | Moffat Pipe | 701 Finger Lake Dr, Wake Forest NC 27587 | 919.295.4630 | bids@moffatpipe.com |
| Steve Brown | HDR | 555 Fayetteville St, Suite 900, Raleigh NC 27601 | 919.268.3001 | stephen.brown@hdrinc.com |
| Mike Hewit | Garney | | 919.235.5094 | Mhewitt@garney.com |
| Cody Roberts | Garney | | 910.705.5653 | Ccroberts@garney.com |
| Tim Hogan | JF Wilkerson | | 919.501.8597 | tim@jfwilkerson.com |
| Kim Gruber | Atlas Trenching, LLC | | 320.685.7578 | drilling@atlas-trenchless.com |

| Question Made By& Date | Question | Answer |
|--|--|--|
| James Y. Joyner II, RSM; Director of Business Development; ECS (919)706-4976: Jjoyner@ESClimited.com 8.30.2024 | wondering if materials testing/compaction were included in this submittal or if that would be advertised separately | Testing is the Contractor's responsibility and is included in the Contract. |
| Annabelle Holman Specification and Support Specialist E-mail: annie.holman@isisupplies.com Phone: +61 410 082 002 | We submit Fiberstrong™ FRPM pipe as manufactured by Future Pipe Industries (FPI) as an "equal" fiberglass pipe product to be considered in the ECIA Transmission Main Improvements. | Material technacally seems to meet "As Equal" but asked Questioner if the manufacturere/supplier meets the other criteria of specifications? Years of service/experience, etc. |
| Jacob King Moffat Pipe Inc. Mobile: 304-231-6698 jking@moffatpipe.com 9.18.2024 | Can you clarify which concrete structures (manholes, wet wells, vaults, etc.) require a coating? | See 03300 for antimicrobial admixture requirements for the wet well and valve vault to be provided instead of a coating. See Detail MC-01 on Sheet D3 for coating requirements on ARV manholes. Other concrete structures do not require coatings. |
| Erik G. Reynolds GARNEY CONSTRUCTION PH: 407.877.5903 ereynolds@garney.com 9.23.2024 | 1.Please provide structural details and reinforcement requirements for the 14' x 18' Odor Control Slab shown on Sheet C32 as well as the Electrical Equipment Pad shown on Sheet E03.1. | a.As a clarification: per Sheet C32, the odor control pad is to be installed in the future. |
| Erik G. Reynolds GARNEY CONSTRUCTION PH: 407.877.5903 ereynolds@garney.com 9.23.2024 | 2.Sheet C34, refenced on sheet C32, is not included. Please include Sheet C34 with Addendum 1. | a.Changes to the drawings: Sheet C32, replace "DRI-PRIME SUCTION LINE, SEE SHEET C34" with "DRI-PRIME SUCTION AND DISCHARGE LINES SHOWN ON SHEET M1 AND M2" |
| Erik G. Reynolds GARNEY CONSTRUCTION PH: 407.877.5903 ereynolds@garney.com 9.23.2024 | 3.Note 5 on C32 states the following: (Text Found on Drawing). Please confirm if the owner would be open to alternative installations of the 30" RJDIP between the new and existing wet wells. | The bid is based upon the design as shown. Value engineering options will be discussed after award. |
| Erik G. Reynolds GARNEY CONSTRUCTION PH: 407.877.5903 ereynolds@garney.com 9.23.2024 | 4.Is there profile drawing at the existing wet wells available? | a.Existing wet well profile is shown on sheet M4. |

| Question Made By& Date | Question | Answer |
|--|---|---|
| Erik G. Reynolds GARNEY CONSTRUCTION PH: 407.877.5903 ereynolds@garney.com 9.23.2024 | 5.Will the Town of Clayton consider extending the deadline for questions a few day? | The Deadline for Questions has been extended to COB Septmber 27, 2024. Addenda with clarifications/answers to be issued by COB October 4, 2024 |
| Mike Hewitt GARNEY CONSTRUCTION OFFICE: 919.694.6975 mhewitt@garney.com 9.23.2024 | 1.Will Pomona Products Prefabricated Aluminum Anti – Seep Collar be allowed. | a.The bid is based upon the use of concrete anti-seep collars as shown. Value engineering will be considered after award. |
| Mike Hewitt GARNEY CONSTRUCTION OFFICE: 919.694.6975 mhewitt@garney.com 9.23.2024 | 2.Could you please clarify the bedding requirements for the PVC force main. | As a clarification, force main pipe laying conditions shall meet Type 4 as shown in Detail 511.02 on sheet D1 |
| Jack Thirunellil Biku Novinfa C : 1.514.963.6275 jbiku@novinfra.com 9.24.2024 | 1.In the interest of promoting competition, we kindly request the removal of the current FRP installation requirement, which specifies that fiberglass pipes and fittings must have at least 10 years of experience in the United States, with more than 100,000 linear feet installed in the last 10 years in pressure sewer applications. | This Change to the Specifications is not being considered for this project. |
| Jack Thirunellil Biku Novinfa C : 1.514.963.6275 jbiku@novinfra.com 9.24.2024 | 2.Additionally, we would like to request the removal of the U.S.-specific requirement for FRP installation experience, as we believe this may limit potential competition. | This Change to the Specifications is not being considered for this project |
| Jeremy Hussey RockHardSCP 910-808-9336 jeremy.hussey@rockhardscp.com 9.24.2024 | I see that the approved manufacturers for polymer concrete manholes are U.S. Composite, Armorock, or Equal. Will RockHardscp be considered as equal or would it require substitution submission if used by the winning contractor? | Additional information will need to be provided from bidders for Engineer's review in order to determine if this product meets project specifications. This determination may not be made until after the bid period. If the bid is based on this product but the product is subsequently determined to not be "equal" bidder shall furnish a product meeting project specifications at no cost to the owner. |
| | | |

[illegible]