

# Public Works Stormwater Pipe Improvements Phase 1

## ADDENDA

### ADDENDUM NUMBER 2 (TWO)

DATE: August 08, 2023

PROJECT: Public Works Stormwater Pipe Improvements Phase 1  
City Project # N/A

OWNER: City of Greenville, North Carolina

ENGINEER: WK Dickson & Co., Inc.

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated July 11, 2023, Addendum #1 dated 7/25/23, with amendments and additions noted below. Addendum #2 contains clarifications to the contract documents, questions/answers, and meeting minutes (Appendix A) from the virtual pre-bid conference held on 08/01/23.

Receipt of this Addendum **must** be acknowledged in the appropriate locations in the Contract Documents. Failure to do so may disqualify the Bidder.

This Addendum consists of the following:

#### CLARIFICATIONS

None.

#### PRE-BID MEETING MINUTES AND SIGN-IN SHEET

See Virtual Pre-Bid Meeting Minutes and Sign-In Sheet attachment for documented Virtual Pre-Bid Meeting Minutes and Sign-In Sheet. This Virtual Pre-Bid Meeting was held on Tuesday, August 1<sup>st</sup>, 2023.

#### PLAN SET REVISIONS

None.

#### PROJECT MANUAL REVISIONS, ADDITIONS, AND UPDATES

All references to "4" Portland Cement Concrete Pavement, Miscellaneous" shall be replaced with "6" Portland Cement Concrete Pavement, Miscellaneous" including but not limited to in the Bid Form for Construction Contract and Agreement Between Owner and Contractor for Construction Contract (Stipulated Price).

#### QUESTIONS

- MWBE/WBE – Can the 6% be included within the 10%?
  - No, the 6% cannot be part of the 10% - they are exclusive percentages.
- Is this a hard Requirement or meet some of it with a good faith effort?

Public Works Stormwater Pipe Improvements Phase 1

- This is not a hard requirement; rather, the Contractor shall show good faith efforts to meet this requirement.

Receipt of this addendum must be acknowledged on Section EJCDC Document C-410 Page 4 of your Bid Form.

Sincerely,

**Marc Horstman, PE, PH, D.WRE**



**WK Dickson & Co., Inc.**  
N.C. License F-0374

Marc Horstman, PE, PH, D.WRE  
Project Manager



**VIRTUAL PRE-BID MEETING MINUTES**

# Virtual Pre-Bid Meeting Minutes for the City of Greenville Public Works Stormwater Pipe Improvements Phase 1

**Date:** Tuesday, August 1, 2023  
**Time:** 11:30 am  
**Place:** Virtual via Teams (Meeting ID: 283 493 300 589)

## 1. WELCOME, SIGN-IN AND INTRODUCTIONS

- Refer to attached sign-in sheet.
- Please note that all page numbers referenced herein refer to the Project Manual's PDF page numbering.
- Meeting minutes for this pre-bid meeting will be included in Addenda 2.
- Acknowledgment of any issued addenda is required in the Bid Form.
- A copy of the plans and project manual can be downloaded via link in the Bid Forms or via the Plan Room on the WKD website. Documents can be viewed in person at the WKD Raleigh, NC office.
- This is a multi-phase project with Phase 2 intended to follow immediately after Phase 1
  - It is not anticipated that two contractors will be on-site at the same time, working on separate phases.

## 2. SAFETY MINUTE

- Please be aware of heat and humidity.
- Look for signs of heat exhaustion and keep water available on site.

## 3. PROJECT DESCRIPTION

- Plan and specification general overview.
  - 52 Design Plan Sheets and 10 Survey Sheets
- Survey Sheets are included as a reference.
- Each Plan and Profile sheet has an associated "A" and "B" sheet.
  - "A" sheets show Site removal work.
  - "B" sheets show Site restoration work.
- A blend of City of Greenville (COG) and NCDOT details are used.
- It is the design intent that the 8x8 RCBC and structures be pre-cast, but the contractor has the option to craft anything as cast-in-place per their means and methods.
  - Shop drawings are required and will need to be sealed by a registered North Carolina PE.
  - Shop drawings are subject to approval by WKD.
- GUC will not require permits as on-site utilities are considered private.
  - Only visual testing is required.
  - A GUC inspector is required on-site for tie-ins and visual testing of water and sewer lines.
- The largest sanity sewer line on-site is 10".

- Lines will require steel encasement when passing through the 8x8 RCBC.
- GUC Gas requires a certified NC plumber on site.
- The LOD is intentionally less than 1.0 acres.
  - An LOD of less than 1.0 acres does not require an Erosion and Sediment Control Permit from the State.
  - Do not perform work causing the LOD to exceed 1.0 acres.
  - Erosion and sediment control measures are still required and outlined on the “EC” sheets within the plans.
- It is up to the contractor to maintain site security.
- Traffic Control
  - Some existing measures have been put in place by COG.
  - The contractor is to provide its own labor and materials for Traffic Control. COG is willing to assist in the layout.
- Main work of the project is the replacement of an 84” CMP with +/- 1300 LF of 8x8 RCBC.
  - Flow is split before Beatty St., with a portion diverting north into the existing system.
  - No work is to be performed under the railroad east of Beatty Street
  - Project will consist of a future Phase 2 to be performed by others.
    - Results in two temporary tie-ins at the upstream end of the project.

#### 4. ACCESS TO SITE DURING BIDDING PERIOD

- Access to the site during the bidding period shall be coordinated through the Public Works Department and shall be limited to Monday through Friday between 8:00 am and 5:00 pm.
- Work can begin earlier with written permission from the City if desired.

#### 5. BID FORM/INFORMATION

- Bids opening will be Wednesday, August 23<sup>rd</sup>, 2023 (page 4) @ COG Public Works Building.... 1500 Beatty St, Greenville, NC 27834 at 10:00 AM.
- Instruction to Bidders (pages 48-73)
  - Each bid proposal must be accompanied by all appropriate forms and documentation to be considered responsive, including the Bid Form and items specified in Article 2 of the Bid Form (page 59). **DO NOT SEPARATE THE BID FORM FROM THE PROPOSAL!**
- The bid proposal shall be accompanied by a Bid Bond or a Certified Check payable to the Owner (ie COG) in an amount equal to not less than five percent (5%) of the bid (page 74). Bids for this project shall be guaranteed by all bidders for a period of 60 calendar days following the bid opening. A performance and payment bond will be required by the successful bidder.
- Any questions related to the Bid Documents must be received 5 working days before the Bid opening (by Wednesday, August 16<sup>th</sup>). Responses to questions will be provided in a formal addendum. If received less than 5 days from the bid date, they are subject to not being answered.

- The following documents are attached to, made a condition of this Bid, and must be submitted to be considered a responsive bid, including:
  - Bid Form with addendum acknowledgment and signatures;
  - Required bid security (5%);
  - List of proposed subcontractors;
  - List of proposed suppliers;
  - Evidence of authority to do business in NC;
  - Contractor's license number;
  - Work Experience and Professional Qualifications per SP-02 (Page 230, Work Experience Forms on pages 27-45);
  - Required bidder qualification statement;
  - and City's MWBE Forms (page 220).
- Bidders shall be registered plan holders to bid as general contractors. Bidders desiring additional copies of the bid documents may download them from the WK Dickson Plan Room.
- Bid Forms
  - Page 62 – Please acknowledge any addendums.
  - Page 65 – Signature page
  - Pages 60-62 - Bid sheets with 62 Line Items.
- City's MWBE compliance supplement (MBE Goal is 10.0% and WBE Goal is 6.0%)
- Please note SP-02 Work Experience and Professional Qualifications.
- **The lowest bidder will be selected based on the "Total of All Unit Price Base Bid Items".**
- Any Addendums will be automatically sent out to all registered plan holders through the WK Dickson plan room.

#### 6. CHANGE ORDERS AND FIELD DECISIONS

Note to the successful bidder, the inspector or engineer may authorize minor field changes so long as the change does not result in a change in the contract price or completion time. Any change that results in a change in the contract price or completion date must be approved by change order. The contractor must identify and notify the city in writing of any change affecting the contract price or time in a timely manner. Except in emergency conditions, the contractor may not proceed with work requiring a change order until the city signs a change order.

#### 7. PERMIT AND ROW STATUS

- Since the LOD is under 1.0 acre, no additional permits are required for this project. However, the Contractor must follow all Erosion and Sediment Control Measures identified in the plans and must keep all disturbed areas less than 1.0 acre.
- The Site is identified in the Bidding Documents and is contained on City property. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by Contractor. The Contractor must coordinate with the City for site access during the bid period.

## 8. CONSTRUCTION SCHEDULE

- Notice to Proceed will be issued upon the Greenville City Council's approval of the contract award. Council approval is anticipated to be in September 2023. The project has an expected duration of 456 days and substantial completion is expected within 426 days.
- Holidays and holiday weekends include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas.
- Refer to SP-11 for details on how Abnormal Weather Conditions will be handled.

## 9. PROJECT SPECIAL PROVISIONS TO NOTE:

### GENERAL

- CONTRACT TIMES/ INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES (SP-07, page 237)
  - SP-7 discussed the work hours and holidays.
    - The City standard work hours are Monday thru Friday 8:00 AM to 5:00 PM. No work shall occur outside of standard work hours or during the weekend without written approval from the City Engineer or their authorized agent.
    - If the Contractor requests work hours to commence on weekends, holidays, or exceed the standard 40-hour work week, the Contractor will be responsible for additional costs associated with CEI services. An hourly rate of \$100/hour/person (minimum of 4 hour) will be incurred by the Contractor and deducted from the Contractor payment.
  - Discussed the CEI services payment outside of standard work hours.
  - On page 91 (page 2 of Contract), a **\$1,000** per day LD is established.
- MBE and WBE Goals (SP-01)
  - MBE Goal is 10.0% and WBE Goal is 6.0%.
  - **MBE/WBE firms must be NC HUB certified to be considered towards the City's goals.**
- Material Sampling and Testing (SP-04, page 235)
  - The City will select an independent company for materials sampling and testing with a recognized and approved testing laboratory. The expense of such tests shall be borne by the City unless otherwise specified. No direct payment will be made for coordination of these tests as such costs will be considered incidental to other work being paid for by the various items in the contract.
  - The Contractor shall schedule and coordinate each test with the CEI Representative and the testing firm.
  - Any costs associated with re-testing as a result of a failed test shall be paid for by the Contractor.

- STORAGE OF MATERIALS (SP-09, page 238)
  - Private property shall not be used for storage purposes without written permission of the Owner or lessee of such property. This does not apply to excavated and/or waste material from the project that shall be regulated by reclamation plans development and approval. The Contractor shall make all arrangements and bear all expenses for the storage of materials on private property.
- SUBMITTALS, RFIs AND SHOP DRAWINGS (SP-13 and 14, pages 238 and 240)
  - Please note this section to better understand the shop drawing requirements (which are incidental to the contract) through the OpCenter software.
- CONSTRUCTION PHOTOS & VIDEO (SP-15, pages 240-244)
  - Due to the urban project corridor, a well-defined photo and video requirement has been put in place and is incidental to the project.
- AS-BUILT AND RECORD DRAWINGS (SP-18, pages 245-248)
  - Make sure you are keeping up with the field changes so that as-builts and record drawings can be completed in accordance with City of Greenville and GUC standards. Contractor to submit red line drawings for completed work with monthly pay-application.

#### TRAFFIC CONTROL

- BUSINESS AND RESIDENTIAL ACCESS AND TRAFFIC CONTROL (SP-30, Page 270)
  - Contractor shall coordinate with the City to provide the Traffic Control measures on-site to block off the damaged culvert and protect the existing site. Any work associated with this specification is included within the Traffic Control pay item.
- TEMPORARY SECURITY CHAIN LINK FENCE (SP-32, page 272)
  - Furnish and erect temporary security chain fence with locked gates. The temporary security chain fence shall be installed around active work zones, closed roadways or construction staging areas. The fence shall be a minimum of 6' tall to promote safety, deter vandalism and restrict unauthorized personnel from active construction areas.

#### UTILITIES

- The following utilities are within the project and their contact information is shown on sheet UBO-1.
  - Greenville Utilities Commission (GUC) Electric
  - GUC Water Resources
  - GUC Gas
  - City of Greenville Fiber



- COORDINATION OF UTILITY RELOCATIONS BY OTHERS (SP-33, pages 273-274)
  - All dry utility crossings are considered private and protection/relocation costs will be covered through this SP. For the gas relocation, the Contractor shall be responsible for providing a North Carolina licensed plumber for all associated gas piping activities.

GUC WATER & SEWER (pages 276 – 288)

- All water and sanitary sewer construction shall be performed in accordance with GUC's Manual for the Design and Construction of Water and Wastewater System Extension.
- Contractor is encouraged to review the general notes and construction sequencing for the water and sewer work as listed on plan sheet U1.
- Temporary water service will be required for this project in several areas. There is no separate payment for this work and the costs shall be considered incidental to the bid line items as noted on sheet U1.
- Temporary water service plans are required to be submitted through the Shop Drawing review process for approval prior to implementation.
- It is noted that each utility crossing is considered a service, so these proposed improvements are considered maintenance activities. Thus, pressure testing on the new waterline crossing will not be required, only visual inspection.
- Contractor shall review SPU-07, Bypass Sewer Pumping, to review the sewer crossing by-pass pumping. The largest sewer line expected for by-pass pumping is a 10-in sewer main.

STRUCTURES (Plan Sheets S1-S4)

- It is anticipated that all the structures, including the storm drainage boxes and junction boxes, can be pre-cast. The Contractor must provide a shop drawing sealed by a NC PE that indicates the pre-cast structure meets or exceeds the design parameters as shown on the structural sheets. The contractor must also submit anti-flotation calculations with the shop drawing submittal. A geotechnical report has been provided to aid the pre-cast designer with establishing the measured soil-bearing capacity.
- If the contractor chooses to cast-in-place these structures, then a NC PE will need to sign and seal the construction drawings that will need to be submitted as a shop drawing.
- **It is noted that for both the RCBC and the proposed structures, 1.5-ft of foundation conditioning material (i.e. #57 stone) should be included within the cost of the proposed structure. Excess past 1.5 feet will be paid for separately per CY.**

TEMPORARY STORMWATER TIE-INS (SP-56, SP-57, Pages 322-325)

- Contractor shall review these Special Provisions related to tying in the existing storm drainage system into the proposed system. Contractor shall submit means and methods to Engineer for approval prior to construction.

ACIDIC RESISTANT CONCRETE (SP-58, Page 325)

- Pre-cast concrete mix design shall incorporate cementitious materials with high resistance to acidic water. There will be no separate measurement or payment for this work as all associated costs will be incidental to Structure\_01 and Structure\_02, RCBC, and 78-inch RCP.

2. APPENDIX

- Geotechnical report by Froehling and Robertson, Inc. included for reference. (page 336)
- SUE report by Steward, Inc. included for reference. (page 524)

QUESTIONS AND COMMENTS

1. MWBE/WBE – Can the 6% be included within the 10%?
  - a. See Addenda 2 for answer.
2. Is this a hard Requirement or meet some of it with a good faith effort?
  - a. See Addenda 2 for answer.

**VIRTUAL PRE-BID MEETING SIGN-IN SHEET**

# Sign In Sheet

Public Works Stormwater Pipe Improvements Phase 1 Virtual Pre-Bid Meeting - August 1, 2023

	Name	Company			
1	Marc Horstman	WK Dickson			
2	Gentry Coward	City of Greenville			
3	Kevin Mulligan	City of Greenville			
4	Wanda House	City of Greenville			
5	Kevin Heifferon	City of Greenville			
6	Gary Johanik	Ruby-Collins Inc.			
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