



## **PRE-BID MEETING AGENDA AND MINUTES**

*Minutes denoted in bold and italicized text.*

Project: Town of Haw River – Small Waterlines Replacement

AWCK Job No. 23009

NCDWI Project No. SRP-D-ARP-0217

Date: Tuesday, February 18, 2025 @ 10:00am

Location: Office of the Engineer

740 Chapel Hill Road

Burlington, NC 27215

1. Introductions:
2. Overview of Project Scope
  - A. Water Main Improvements
    - i. Replacement of 2" watermains across 12 streets within the Town of Haw River.
    - ii. Installation of approximately 8,820 LF 6" Ductile Iron Pipe Water Line / 340 LF 4" Ductile Iron Pipe.
    - iii. Installation of one 40 LF Bore and Jack Road Crossing. ***Pine street WL, boring under Wilkins St (SR 1928)***
    - iv. Installation of approximately 2,500 lbs of Ductile Iron compact fittings.
    - v. Installation of 81 services, along with taps, valves, and hydrants to complete installation of waterlines.
  - B. Bidders must be licensed in the state of NC at the time Bid is submitted.
  - C. Complete Bid Submission must include:
    - i. Bid Security equal to 5% of bid amount.
    - ii. Contractor's qualifications statement.
    - iii. E-Verify Affidavit.
    - iv. Relevant MBE forms.
  - D. Project Specifics
    - i. Owner is Town of Haw River.
    - ii. Project is being funded by a grant from NCDEQ -Division of Water Infrastructure.
    - iii. Engineering Design is by AWCK.
    - iv. AWCK will provide CEI services including construction stakeout services.
    - v. Working hours per Project Requirements paragraph 1.3 are between the hours of 8 am and 6 pm on Town streets and 9 am to 4 pm on NCDOT streets.
    - vi. Access to existing driveways is to be maintained at all times and restored at the end of each working day.
    - vii. Coordinate resident notifications prior to construction with the Town and Engineer.
    - viii. No staging/storage of materials or equipment within Public ROW. Staging/storage of materials or equipment is to be determined by Contractor prior to construction, with concurrence from the Town and Engineer. Any agreement(s) with private property owners shall hold harmless the Town and

Engineer. ***Contractors informed that they can use the old water treatment plant as a laydown area.***

- ix. Construction staking provided by Owner and performed by AWCK.
- x. Town of Haw River Standard Specifications apply.

Schedule:

- E. Bid Date March 11<sup>th</sup>, 2025
  - F. Expected Town Award April 7<sup>th</sup>, 2025
  - G. Anticipated NCDWI Award May 7<sup>th</sup>, 2025
  - H. Tentative Pre-Con Mid-May 2025
  - I. Notice to Proceed May 27, 2025
  - J. Completion Time ~~300 Days~~ **365 Days (will be issued in Addendum)**
- 3. Liquidated Damages are \$500.00 per day.
  - 4. All easements are expected to be obtained by April 30.
  - 5. Permits: All permits have been received and are included in the project specifications.
  - 6. MBE and DBE outreach is required to be attempted and Good Faith Efforts Form to be completed and submitted. *The Good Faith Efforts must be adhered to and all forms provided regardless of what percentage utilization is achieved.*
    - A. MBE/DBE goal is 10%. It is not a quota.
    - B. Table A is required to be submitted.
      - i. Prime Contractor and all selected subcontractors are to be listed on Form A. Submit multiple sheets as necessary.
      - ii. If Prime Contractor is a MBE/WBE firm, list what % of work will be completed by Prime.
      - iii. Non-MBE/WBE subcontractors are to be listed, insert N/A or 0% as applicable.
      - iv. Provide MBE/WBE and Prime \$ amounts and MBE/WBE % on first sheet.
    - C. *Table B is not required if you comply with 10% goal.* If goal is not complied with, provide Table B and all supporting documentation.
      - i. If you choose a non MBE/WBE sub, you will need to contact and list 3 or more subs documenting, no response or amount of their bid in comparison to non MBE/WBE firm.
  - 7. Important Project Notes:
    - A. NCDOT traffic Standards to be complied with during all construction regardless of Town or NCDOT maintained street..
    - B. Install Erosion Control measures per approved plan and comply with all applicable NCDEQ erosion control standards and requirements..
    - C. Highview St – Need to confirm elevation of existing water main at sewer main crossing, ~ Sta. 5+47 and maintain 18” vertical separation. Install 2 vertical bends if 30” cover cannot be maintained where water crosses existing ditch.
    - D. Douglas Rd – Contractor will be responsible for coordinating with Dominion Energy to relocate gas line to allow 12” separation between watermain and gas line. Paid under bid item No. 36 for gas line relocation. If existing 4” sewer service line at Sta. 3+05 is PVC, replace with 4” DIP. Waterline to be installed over service and have 30” minimum cover.
    - E. Glen Oaks Rd - Contractor may be required to remove and replace a section of 12” RCP driveway culvert at ~ station 1+60 to install water main. If required to remove and replace culvert to install water main and pipe is damaged during removal, then contractor will install new 12” RCP and paid for at the contract unit price for “12” RCP”.

***12" HDPE will be allowed in Lieu of 12" RCP as long as proper bedding requirements are adhered to. (Issued in addendum)***

- F. Pine St - Contractor to bore under N. Wilkins Street with a minimum 16" encasement pipe. A developer has submitted plans to the Town for the installation of approximately 200 LF of water main approximate station 0+00 to 2+00. If installation is installed prior to installation by the contractor, then section installed by developer will be deleted from contract.
  - G. Circle Dr- Removed from Contract
  - H. N. Spray Pl - Contractor shall field verify existing AT&T duct bank, gas line, and 2" water line prior to making required tap. Town had contractor excavate for gas & duct bank; however, duct bank or gas line were not located as marked. Engineer will review locations of all utilities provided by contractor and revise alignment as needed to minimize impacts. No additional payments will be made if Utility Company has to relocate their utility line(s). ***Additional bid item to be added for exploration – see questions/notes.***
  - I. First St - Contractor to field locate horizontal and vertical locations of existing AT&T duct bank north of existing 8" water main, existing gas main and City of Graham 10" water main, both south of proposed east bound lane of traffic. In addition, a Lumos fiber line is proposed to be installed south of 10" water line and at a minimum depth of 5-ft below pavement grade. Proposed 6" water main to be installed under existing gas, water and fiber lines. 45 degree bends will be allowed to be installed to lower water main under existing utilities.
  - J. Second St. - Existing meter vault and bypass line has been abandoned. Contractor to removal a section of existing 8" line as shown on plans, and install fittings as required to make connection to existing line. An Easement will be required to be obtained by the Town. ***The Second St valve location on the opposite side of main is located 3' off edge of pavement. A Bid item to install ¾" corporation stop to allow chlorine injection point close to source of water for disinfecting the line will be added to Bid Form issued in Addendum.***
  - K. ***Lang St – Contractor to complete exploration as stated in the bid item description for Lang Street Exploration. Engineer will adjust water main alignment to avoid 16" FM and gas main after exploration of existing conditions.***
  - L. Cemetery St - Contractor to complete exploration as stated in the bid item description for Cemetery Street Exploration. Contractor to follow notes on plan for different connection possibilities based on exploration results.
  - M. Lang Ct - Old water maps show an existing 2" watermain behind curb, if main is under pavement, alignment of proposed watermain to be moved to the West of the existing 2" watermain.
  - N. Clayton Pl - All work required from station 4+56 to the tie-in is to be included in the bid item for Clayton Place Waterline installation. Gravel roadway is to be constructed under the bid item for Clayton Place Watermain trench repair and is to include the new stone required to compact the trench and restore the roadway to Town of Haw River requirements. ***Contractor will be allowed to close street and use Lang Ct as a detour for tie-in to Lang St.***
8. Addendum #1
- A. Rock and Borrow Excavation. ***Rock excavation minimum will be \$30.00 a cubic yard and will be based on requirements stated in revised section 01025 – measurement and payment as issued in addendum. Estimated quantity will be 100 CY, no subsurface***

***investigation was completed to determine the quantity. Borrow excavation requirements are stated in revised section 01025 – Measurement and Payment and estimated quantity of 350 CY.***

B. Contract Time – Date of Availability revised to May 27, 2025.

**Questions/Notes:**

- ***Contractors will be allowed to work on more than one street at a time if they chose, provided the closing of another street does not limit access to the first street being closed and traffic control is provided.***
- ***Contractors will be allowed to close Town streets if ingress and egress to local residents is provided. Contractors will have to provide one lane of ingress and egress for dead end streets.***
- ***Dominion Energy Contact information – Josh Edwards (919) 819-2434, listed on sheet 2 of drawings.***
- ***Engineer will contact NCDEQ-DWI for approval to utilize an allowance for the gas line relocation and advise in addendum. Engineer has requested a quote from Dominion Energy and will provide upon receipt, via Addendum.***
- ***Bid item will be added to revised Bid form for exploration required on Spray St. Specifics will be denoted in revised section 01025 – Measurement and payment.***
- **Bore across Wilkins is to be assumed as a dirt bore, should rock be encountered during the boring process, a change order will be discussed with the awarded contractor.**
- **Contaminated soils are not expected to be encountered and will be addressed by change order if encountered.**
- **Bid item 16 – Unit price for Fire Hydrant includes hydrant tee, gate valve, valve box, mega-lugs, hydrant, blocking, backfilling, washed stone, final adjustment and all other appurtenances between hydrant tee and hydrant.**
- **The grant amount as approved by NCDEQ-DWI for construction is \$3.1 million.**