

Charlotte Water / Construction

Vest Water Treatment Plant to Franklin Water Treatment Plant Force Main and Lee Duke Water Treatment Plant Chem Feed Improvements

The Project consists of two scopes of work.

Scope 1: Vest Water Treatment Plant to Franklin Water Treatment Plant Force Main consists of installing over 16,000 linear feet of 16" ductile iron piping force main for residual and backwash transfer between the Vest Water Treatment Plant and the Franklin Water Treatment Plant. Installation of all associated fittings, valves, air release valves, trenching, trenchless crossings, parallel future piping, paving, connections, corrosion control, erosion control, cleaning, testing, and all other associated pipeline work. Installation of two crossings at CSX railroad and NCDOT I-85 Interstate, consisting of parallel 16" ductile iron carrier pipe inside single casing. Reporting on material of service connections along alignment and replacing galvanized steel service lines where discovered. Scope 2: Lee S Dukes High Density Polyethylene (HDPE) Pipeline consists of the installation of 6,000 LF of new 3-inch x 6-inch diameter double wall containment pipe for new chlorine dioxide chemical feed system, including all appurtenances, leak detection system, electrical, testing, and final commissioning. Installation of two (2) new 2-inch diameter HDPE raw water sample lines (approximate length is 6,000 LF for each), including all appurtenances, and testing. Installation of a new raw water sample pump, casing, piping, appurtenances, electrical, and testing at the Raw Water Intake at Blythe Landing. Removal and replacement of various chemical feed lines (1 1/2-inch and 4-inch diameter) inside existing 8-inch and 12-inch diameter casing pipes. Installation of new fiber optic cable (approximately 6,000 LF) between the Lee S. Dukes WTP and the Raw Water Intake. Installation of new potable water line from Highway 73 to existing Compressor Building, including all appurtenances, and testing.

Details

Posting Number	2023-Q1(Jan-Mar)-CW-9634
Anticipated Posting Date	2023-03-21
Commodity Code(s):	91200, 91223, 91356, 91360, 91389

Requirements

Last Updated: 04/19/23

Insurance Requirements

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:

- ☒ Automobile-For automobile operations liability
- ☒ Constructions Bonds-For bidding, payment, completion of construction projects
- ☒ General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury
- ☒ Workers Compensation-For lost wages and medical expenses of injured workers

Bonding Requirements

The City plans to require the following bond(s) for this solicitation:

- ☒ Bid Bond-City required Bond to ensure that vendors do not retract bids from the time they submit a bid until the contract has been executed.
- ☒ Payment Bond-City required Bond to ensure that subcontractors and/or suppliers are paid for any work performed.
- ☒ Performance Bond-City required Bond to ensure satisfactory completion of a project by the vendor.

Subcontracting Opportunities

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Clearing and Grubbing Services; Construction, General: Backfill Services, Digging, Ditching, Road Grading, Rock; Stabilization, etc.; Construction, Sewer and Storm Drain; Concrete; Electrical; Metal Work; Painting and Wallpapering; Networking Services, Including Installation, Fire Extinguisher Maintenance; Hauling Services; Erosion.

Estimated Total Value

The total project value is anticipated to be:

☒ \$10,000,000+

Utilization

The City anticipates setting goals for the following types of subcontractor utilization:

☒ SBE-Small Business Enterprise

☒ MBE-Minority Business Enterprise

Contract Term

The term of the project is anticipated to be:

For Questions, Contact:

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City Contact

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