

Charlotte Water / Construction

Clarke Creek Pumping Station and Forcemain Progressive Design Build Project

Charlotte Water (CLTWater) treats raw water drawn from the Catawba River Basin and distributes treated drinking water to customers within Mecklenburg County and surrounding regions. Wastewater generated from consumptive use in eastern Mecklenburg County is discharged into the Rocky River Basin via two wastewater treatment plants (WWTPs). CLTWater intends to offset some wastewater flows that are currently tributary to the Rocky River basin due to transfer constraints and limited treatment capacities. This Progressive Design-Build (PDB) project will likely involve the construction of at least one pumping station and force main to transfer flows from east Mecklenburg county to a wastewater treatment plant within the Catawba River Basin. Gravity sewer improvements may be necessary on the receiving sewer. The PDB firm will be required to analyze options for pumping to minimize or eliminate receiving sewer improvements. The Firm will need to consider options for storage at the pumping station or elsewhere in the system to achieve this goal. The total anticipated CIP budget for this project is approximately \$45M, assuming forcemain and gravity sewer improvements will be sized without EQ storage. The budget will vary depending on storage needs. A phased approach for the mentioned improvements, considering future connections to transfer additional flows, will be necessary to align with CIP funding schedules. CLTWater intends to have the initial project phase completed and activated to offset partial flows within two years of the notice to proceed for the planning and design work. The PDB Team will need to have all the necessary resources to complete the planning, design, permitting, easement acquisition, and construction of this project.

Details

Posting Number	2021-Q4(Oct-Dec)-CW-6890
Anticipated Posting Date	2021-11-01
Commodity Code(s):	91200, 91345, 91359, 91360, 91389, 92670

Requirements

Last Updated: 11/03/21

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
- ☒ Errors & Omissions / Professional Liability-For negligence or failure to perform in a professional capacity
- ☒ 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:

- ☒ 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.

Estimated Total Value

The total project value is anticipated to be:

- ☒ \$10,000,000+

Contract Term

The term of the project is anticipated to be:

- ☒ Through Project Completion

For Questions, Contact:

Abby Dolan

City Contact