

Charlotte Water / Construction

McAlpine Creek Wastewater Management Facility Waste Activated Sludge Equalization and Blending and Odor Control Improvements

The Waste Activated Sludge (WAS) Equalization and Blending and Odor Control Improvements Project includes upgrades to several facilities at the McAlpine Creek Wastewater Management Facility (WWMF). Primary components include construction of a new cast in place concrete WAS equalization structure with multiple tanks/cells with mixers and pumps to allow for equalization and blending of WAS from the McAlpine Creek WWMF, Sugar Creek Wastewater Treatment Plant (WWTP) and in the future the Irwin Creek WWTP. Adjacent to this structure is a blending basin pump station which will convey blended WAS to the existing solids treatment process and in the future to the planned Thermal Hydrolysis Process. In addition, the project includes a new wet scrubber chemical odor control system for the Screening and Grit Facility, new duct work to this system from the south plant primary clarifiers and gravity thickeners as well as the rehabilitation of the Consolidated Influent Pump Station (CIPS) odor scrubber system.

Details

Posting Number	2021-Q3(Jul-Sep)-CW-6221
Anticipated Posting Date	2021-09-16
Commodity Code(s):	91200, 91300, 91356, 91359

Requirements

Last Updated: 10/26/21

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
- ☒ 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.

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:



Through Project Completion

Special Notes

the archive (bid) date will probably be extended.