

Charlotte Water / Construction

McAlpine Creek WWMF Nutrient Harvesting

While nutrient harvesting has not yet been implemented by CLTWater at any of its wastewater treatment facilities, CLTWater strives to promote beneficial reuse at the McAlpine Creek WWMF and across its other wastewater treatment facilities. To maximize economies of scale, a nutrient harvesting facility (Facility) at the McAlpine Creek WWMF would create the highest current and future value proposition for CLTWater and the treatment plant network. Currently, primary sludge (PS) and waste activated sludge (WAS) from two of the five wastewater treatment facilities are processed at McAlpine Creek WWMF. In the future, PS and WAS from four of six wastewater treatment facilities will be processed at the McAlpine Creek WWMF. Dewatering centrate is high strength waste typically recycled within the treatment plant for processing. Implementation of a Facility would allow CLTWater to create a product that can be beneficially reused (i.e., product to be bagged or bulk shipped and sold) and gain some treatment capacity at the McAlpine Creek WWMF. Designing, constructing, and operating the Facility at the McAlpine Creek WWMF is one component of implementing the overall CLTWater nutrient management and biosolids diversification strategy.

Details

Posting Number	2021-Q1(Jan-Mar)-CW-4500
Anticipated Posting Date	2021-03-02
Commodity Code(s):	91200, 91359

Requirements

Last Updated: 03/23/21

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
- ☒ Pollution Legal Liability-For transit of pollutants (on auto liability) or contamination of work site, and off-site
- ☒ 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+

Utilization

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

- ☒ SBE-Small Business Enterprise
- ☒ MBE-Minority Business Enterprise
- ☒ WBE-Women Owned Business Enterprise

Contract Term

The term of the project is anticipated to be:

- ☒ Through Project Completion

For Questions, Contact:

Abby Dolan

City Contact

adolan@charlottenc.gov