

Advertisement for Request for Proposals

Project Name: North Fork Water Treatment Plant Temporary Pretreatment System

Project Number: 298-RFP-NF-WTPTemporaryPretreatmentFY25

Pursuant to the City of Asheville's Procurement, Purchasing and Contracting Policy, and the Code of Federal Regulations 200.317- 200.327, Proposals will be received for the following:

Description of Work:

The City of Asheville's Water Resources Department is looking for a qualified service provider to provide a temporary turbidity reduction system (pretreatment) for the 31 MGD North Fork Water Treatment Plant (WTP), located at 3374 North Fork Left Fork Road in Black Mountain, North Carolina. This system will consist of proven treatment technologies capable of providing a maximum treatment rate of 25 MGD with a turbidity reduction to reduce raw water turbidity to no more than 5 ntu to the North Fork water treatment system. This work will include the management, operation and maintenance of all equipment and systems related to this treatment system, contracting vendors, and communicating with state and Federal regulators. The estimated duration of this service is 5 years.

The Service Provider must procure and assemble the appropriate staff, equipment, chemicals and technology to meet the treatment parameters as listed above. This equipment must be moved to the work site, assembled and put into service, and permitted in a short period of time to provide protection for the City Of Asheville's water production and distribution system. Time is a key factor and the Service Provider's ability to produce a successful turbidity reduction system is of high value to the City of Asheville. A successful proposal will include a detailed schedule, which clearly lists the steps to procure and install equipment, and demonstrates efficiency in the Service Provider's planning and preparation.

The North Fork WTP is rated as an A surface water treatment plant and requires operators with North Carolina surface water operations certifications to operate equipment and dose chemicals as part of the treatment. The turbidity reduction system is considered part of the North Fork WTP and requires an Operator in Responsible Charge (ORC), of an A Surface level certification. The ORC and operations staff are governed by the North Carolina Rules Governing Public Water Systems [eCFR :: 40 CFR Part 141 -- National Primary Drinking Water Regulations](#), and the Federal Code of Regulations [eCFR :: 40 CFR Part 142 -- National Primary Drinking Water Regulations Implementation](#). Under emergency conditions, the NC Department of Environmental Quality will consider reciprocity for out of state water treatment operators. The operator must be onsite at all times when the unit is treating water. The pretreatment operations staff will be in close contact with City of Asheville staff to communicate technical information regarding the turbidity reduction systems operational status, chemical additions, concerns, etc. Chemical additions and pretreatment plant operation will be reported monthly as part of the North Fork WTP Electronic Monthly Operations Report to comply with North Carolina's reporting requirements.

The North Fork WTP is currently approved to use Aluminum Sulfate as a coagulant, and Sodium Hydroxide to balance pH. These chemicals are also used in the pretreatment of raw water, and must be domestically sourced, NSF 60 certified, and require a certificate of origin to allow traceability in case of a problem. Anionic and Cationic Polymers are also considered as possible additives in this system and are approved in North Carolina and the City of Asheville under the same terms listed above. Every chemical load, tote, or barrel must include a certificate of analysis and safety data sheet specific to that product. Certificates of analysis should provide the specific gravity of the chemical, chemical components by percentage, batch number, date of manufacturer, expiration dates, and other information as relevant. The Safety Data Sheets must be specific to the chemical and provide all handling and use recommendations, as well as health and safety information for that product. All equipment and components that are used as part of this treatment system must meet all ANSI/NSF 61 standards.

The North Fork WTP maintains a wastewater treatment system composed of three lagoons, which are operated in sequence to remove solids from the plants filter backwash process. This system is limited in capacity and requires cleaning and the removal of backwash solids on an annual basis or more often depending on raw water conditions, and production demand. The turbidity reduction system creates increased volumes of waste solids that must be removed to maintain the integrity of this treatment system and to meet the requirements of the North Fork WTP NPDES permit.

Proposal Schedule:

Issuance of RFP	Thursday, June 12, 2025
Pre-Proposal Meeting (mandatory) Meeting location 3374 North Fork Left Fork Road, Black Mountain, NC	Tuesday, June 17, 2025, 10:00am EDT
Deadline to Submit Questions	Friday, June 20, 2025, 5:00pm EDT
Addendum	Thursday, June 26, 2025 5:00pm EDT
Proposals Due	Friday, July 11, 2025 4:00pm EDT

There will be a mandatory pre-proposal meeting held at the North Fork WTP at 3374 North Fork Left Fork Road, Black Mountain, NC, at 10:00 AM EDT on June 17, 2025.

Proposal Documents:

This Request for Proposals (RFP) is posted on the City procurement website at www.ashevillenc.gov/bids. This is *the official source* of this solicitation. All updates to this solicitation shall come in the form of published addenda and shall be published to the same location. **The City will not be responsible for full or partial sets of RFP Documents including any addendum obtained from any other source.**

The City of Asheville reserves the right to reject any or all proposals and to waive informalities.

Information:

All questions concerning this Request for Proposal (RFP) should be submitted via email to:

Bill Hart, Project Manager bhart@ashevillenc.gov

Drug Free Workplace: The City of Asheville is a drug-free workplace employer. By submitting this bid, the prospective contractor certifies that if awarded the contract, they and their subcontractors shall comply with the following:

The City requires contractors/vendors entering into a contract with the City to provide a drug-free workplace in the performance of said contract. The contractor, upon execution of the contract, certifies that it will provide a drug-free workplace during the performance of the work on this contract. The contractor agrees to do the following:

Notify employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in the workplace and specify the actions that will be taken for violations of such prohibitions. Responsive actions should be appropriate and sufficient to address and remediate any violations of this requirement.

Miscellaneous Requirements of the Proposal:

- Prospective Contractors are notified of a City policy that prohibits contracting with persons or firms who are delinquent in the payment of ad valorem taxes owed to the City of Asheville.
- All proposals must include the Proposal Cost Table as provided on page 10 of 298-RFP-NF-WTPTemporaryPretreatmentFY25, and copies of addendum.

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