THE CITY OF ASHEVILLE

Staff Report

Council Meeting Date: July 25, 2023

Subject: Annual Sludge Removal for the Water Resources - Water Production Division Water Treatment Plants.

Staff Resource(s): David Melton, Department Director, Bill Hart, Water Production Division Manager

Action Requested: Adoption of a resolution authorizing the City Manager to execute a general services agreement with BioNomic Services, Inc., for the removal of treatment residuals (sludge), from the North Fork, William DeBruhl, and Mills River Water Treatment Plants.

Background:

- Water Resources - Water Production Division operates three water treatment plants (WTPs) that produce clean, safe drinking water for the citizens of the City of Asheville, Buncombe and Henderson Counties.
- During the treatment process, each of the plants remove impurities which result in the creation of residuals.
- The residuals (sludge) are stored in lagoons at each facility and are removed on a yearly basis.
- This is essential and maintains operational flexibility, meets the standards of the Water Resources Department's ISO 14001 certification, and maintains a healthy environment for our local communities.
- This agreement is for an initial period of 3 years with (2) possible one year renewals, and an amount not exceeding $500,000 per year or $2,500,000 over the term of the contract.

Vendor Outreach Efforts:

- The City of Asheville Water Resources Department issued RFP - 298-WTPSludgeRemovalFY23 on May 19, 2023, requesting proposals for the removal of water treatment residuals (sludge), from the North Fork, William DeBruhl, and Mills River Water Treatment Plants.
- Due to the specialized nature of the sludge removal process and equipment, staff were unable to locate any contractors within the MWBE hubs that could complete the project.
- Staff did however provide a list of (5) MWBE contractors that have the ability to haul sludge.
- Staff worked in coordination with the City of Asheville's MWBE/ABI to verify that all proposals were responsive and provided documentation of outreach efforts and showed MWBE vendor participation where possible.
- Three bids were submitted and BioNomic Services, Inc. was the lowest, responsive bid.
- BioNomic Services, Inc., submitted affidavits to verify they would self perform all work and will not require the use of subcontractors.

Council Goal(s):

- A financially Resilient City
- Clean and Healthy Environment.

Committee(s):

- None

Pro(s):

- The adoption of a resolution to authorize a general services agreement between the City of Asheville Water Resources Department and BioNomic Services, Inc., will allow the Water Resources Department's Water Production Division to continue to operate as designed to provide safe clean drinking water to our customers in the City of Asheville, Buncombe and Henderson Counties.
- Each of these systems are permitted and regulated through the National Pollution Discharge Elimination System (NPDES), and are subject to those requirements.
- Reduce the risk of compliance violations.

- Maintain a clean and healthy environment.

Con(s):
- Failure to remove sludge will impact the amount of water produced at each water treatment plant
- Decanted water may impact environmental regulations.

Fiscal Impact:
- Funding for this contract is available in the Water Resources Department operating budget.

Suggested Motion:
- Motion to authorize the City Manager to execute a general services agreement with BioNomic Services, Inc., for the removal of treatment residuals (sludge), from the North Fork, William DeBruhl, and Mills River Water Treatment Plants.

Attachment(s)
- Resolution

RESOLUTION NO. 23-_____

RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A MULTI-YEAR GENERAL SERVICES AGREEMENT WITH BIO-NOMIC SERVICES, INC FOR THE REMOVAL OF SLUDGE FROM THE THREE WATER TREATMENT PLANTS

WHEREAS, pursuant to N.C.G.S. § 160A-312, the City of Asheville has authority to operate a public enterprise; and

WHEREAS, pursuant to N.C.G.S. § 160A-20.1, the City of Asheville may enter into contracts with private entities to carry out any public purpose the City is authorized to engage in; and

WHEREAS, the Water Resources Department issued a Request for Proposals (RFP) for theWater Treatment Plant Sludge Removal from North Fork, William DeBruhl, and Mills River Water Treatment Plants; and

WHEREAS, Bio-Nomic Services, Inc. was selected based on qualifications, understanding of project scope, cost, and proposal for removal of sludge; and

WHEREAS, the City wishes to enter into a General Services Agreement with Bio-Nomic Services, Inc., for three (3) Years, with two (2) optional one years extensions; and

WHEREAS, the funding for the agreement is allocated within the Water Resources - Water Production Operating Budget; and

WHEREAS, the contracted amount will not exceed $500,000 per year;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ASHEVILLE THAT:

The City Manager, on behalf of the City of Asheville, is hereby authorized to enter into a multi-year General ServicesAgreement for three (3) years with two (2) optional extensions, with Bio-Nomic Services, Inc. for the Water Treatment Plant Sludge Removal.

Read, approved and adopted this 25th day of July, 2023.

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City Clerk Mayor

Approved as to form:

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City Attorney