THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: April 14, 2020

Subject: Sodium Bicarbonate Silo Replacement Change Orders - Contracts SA #91800305 and #94900315

Staff Resource(s): David Melton, Water Resources Department Director, and Leslie Carreiro, Water Production / Water Quality Division Manager

Action Requested: Adoption of resolutions authorizing the City Manager to increase the professional services and contract amounts for Brown & Caldwell SA (#91800305) and Harper General Contractors (#94900315) for the North Fork Water Treatment Plant's Sodium Bicarbonate Silo Replacement.

Background:

- Sodium bicarbonate is an essential part of the water treatment process to help reduce the corrosion in the City's and customers' waterlines. The City is required to use sodium bicarbonate per our compliance with the Lead and Copper Rule.
- Original feed system was installed in 1996 and had reached the end of its useful life. Construction for the replacement of the silo started in August of 2019. During the course of the project, engineering services were expanded in oversight and design as a result of the discovery of complications associated with underground assets and poor soil conditions.
- The construction schedule was impacted due to the investigations, test results, and updating of the design due to the underground complications.

Vendor Outreach Efforts:

- Through a qualifications-based selection process beginning in August of 2014, City of Asheville staff selected nine consulting firms to provide on-call professional services for an array of different water system projects.
- Staff selected Brown and Caldwell as one of the selected firms due to their expertise in the areas of water treatment plant construction and upgrades.
- The City of Asheville entered into a master agreement with Brown and Caldwell on June 8, 2015 for on-call professional services valid for three years with the option to renew for two additional years.
- On April 19, 2018, the City of Asheville executed a renewal master agreement with Brown and Caldwell for the additional two years of on-call professional services.
- Harper General Contractors was one of three companies determined to be the lowest responsive, responsible bidder for construction of the Sodium Bicarbonate Silo and associated equipment and demolition services.
- This is a continuation of contracted services utilizing existing vendors. No additional outreach was performed.

Council Goal(s):

- A Clean and Healthy Environment

Committee(s):

- None

Pro(s):

- Increased funds will ensure the completion of the required project with proper functionality.

- The Water Resources Department will continue to meet the Environmental Protection Agency Lead and Copper Rule.

Con(s):
- City (Water Resources) would not be able to meet the Environmental Protection Agency Lead and Copper Rule.

Fiscal Impact:
- Brown and Caldwell (SA #91800305) - $36,200
- Harper General Construction (#91900315) - $20,000
- Funding for this repair will come from Water Resources capital improvement funding that was previously allocated to NCDOT projects which are delayed and will not require payment in the current fiscal year.

Suggested Motion:
- Motion to approve additional funds and change orders to the Brown and Calwell contract and the Harper General Contractors contract involved in the construction of the sodium bicarbonate silo and feed system at the North Fork Water Treatment Plant.

Attachment(s)
- Resolutions

RESOLUTION NO. 20-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CHANGE ORDER WITH BROWN AND CALDWELL FOR PROFESSIONAL SERVICES ASSOCIATED WITH THE NORTH FORK WATER TREATMENT PLANT'S SODIUM BICARBONATE SILO REPLACEMENT

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, Brown and Caldwell was one of three firms selected by Staff via a qualifications based process to perform on-call professional services for Water Treatment Plant Projects; and

WHEREAS, the City of Asheville entered into a Master Agreement with Brown and Caldwell, on June 8, 2015 and renewed the Master Agreement on April19, 2018 for On-Call Professional Services for the Water Treatment Plant Projects; and

WHEREAS, the professional services for the design and construction to the North Fork Water Treatment Plant's Sodium Bicarbonate Silo and Feed System under said Master Agreement; and

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 execute a change order to the contract with Brown and Caldwell, for professional services and construction oversight required due to the installation to the North Fork Water Treatment Plant's Sodium Bicarbonate Silo and Feed System for an amount not to exceed $36,200 for a total project cost of $201,200.

Read, approved, and adopted this 14th day of April, 2020.

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City Clerk Mayor

Approved as to form:

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City Attorney

RESOLUTION NO. 20-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CHANGE ORDER WITH HARPER GENERAL CONTRACTORS ASSOCIATED WITH THE NORTH FORK WATER TREATMENT PLANT'S SODIUM BICARBONATE SILO REPLACEMENT

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, Harper General Contractors was one of three companies determined to be the lowest responsive responsible bidder for; and

WHEREAS, the City of Asheville entered into a contract with Harper General Contractors on April 19, 2019, for the Water Treatment Plant Sodium Bicarbonate Silo Replacement Project; and

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 execute a change order to the contract with Harper General Contractors, for construction to the North Fork Water Treatment Plant's Sodium Bicarbonate Silo Replacement for an amount not to exceed $20,000 for a total project cost of $1,151,200.

Read, approved, and adopted this 14th day of April, 2020.

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City Clerk Mayor

Approved as to form:

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City Attorney