THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: October 13, 2020

Subject: Change Order to the Professional Services Contract with Brown and Caldwell for repairs to the North Fork Water Treatment Plant (WTP) five million gallon water storage tank baffle curtains and geotechnical testing of the North Fork Hypochlorite Bulk Storage area.

Staff Resource(s): David Melton, Water Resources Department Director; Leslie Carreiro, Water Production Manager.

Action Requested: Adopt a resolution authorizing the City Manager to execute a change order to the contract with Brown and Caldwell for the emergency repairs to the North Fork WTP water storage tank baffle curtains for an amount of $346,500 bringing the total of the project to $819,500.

Background:

- The North Fork Clearwell (water storage tank) was constructed in 1976 and has a five (5) million gallons of water capacity.
- Inspection of baffle curtains confirmed significant deterioration. The baffle curtains are critical for attaining required disinfectant contact time within the clearwell to meet regulatory requirements.
- The baffle curtains are beyond repair and must be replaced.
- Inspection discovered minor needed repairs to the clearwell roof, vents, and other equipment.
- The requested change order includes both structural engineering and complete repair costs.

Vendor Outreach Efforts:

- N/A

Council Goal(s):

- A Financially Resilient City; A Clean and Healthy Environment

Committee(s):

- None

Pro(s):

- The North Fork Water Treatment Plant will more easily be able to meet the EPA and State requirements for Giardia & Cryptosporidium

Con(s):

- The North Fork Water Treatment Plant clearwell has a capacity of the five (5) million gallons. To meet EPA and State requirements for Giardia & Cryptosporidium the clearwell has had to be maintained at a higher capacity level and limits operational flexibility.

Fiscal Impact:

- Funding for this repair will come from Water Resources Capital Improvement Program (CIP) funding that is already budgeted.

Suggested Motion:

- Move to adopt a resolution authorizing the City Manager to execute a change order to the contract with Brown and Caldwell for the emergency repairs to the North Fork WTP water storage tank baffle curtains for an amount of $346,500 bringing the total of the project to $819,500.

Attachment(s)

- Resolution

RESOLUTION NO. 20-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CHANGE ORDER TO THE CONTRACT WITH BROWN AND CALDWELL FOR PROFESSIONAL SERVICES ASSOCIATED WITH EMERGENCY CLEARWELL REPAIRS ON THE NORTH FORK WATER TREATMENT PLANT CLEARWELL AND GEOTECHNICAL TESTING OF THE BULK STORAGE AREA

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.

WHEREAS, the professional services for the repairs to the North ForkWater Treatment Plant 5 million gallon water storage tank baffle curtains and geotechnical testing of the bulk storage area will be a subcontract under said Master Agreement; and

WHEREAS, the use of Brown and Caldwell, will utilize the most qualified firm to ensure timely completion and fulfill compliance with scope of services for the repairs to the North ForkWater Treatment Plant 5 million gallon water storage tank baffle curtains and geotechnical testing of the bulk storage area.

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 the change order to the contract with Brown and Caldwell, for professional services required to make repairs to the North Fork Water Treatment Plant 5 million gallon water storage tank baffle curtains and geotechnical testing of the bulk storage area, additional amount of $346,500 and a total contract amount not to exceed $819,500.

Read, approved, and adopted this 13th day of October 2020.

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City Clerk Mayor

Approved as to form:

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City Attorney