THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: May 12, 2020

Subject: Professional Services Contract with CDM Smith for the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2. Design, Bidding, Project Management Scope includes replacements, upgrade, and / or new installation of equipment to ensure the plant can continue to operate efficiently and meet future water demand.

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

Action Requested: Adoption of a resolution authorizing the City Manager to execute a Supplemental Agreement for professional services contract with CDM Smith for the design, bidding, and project management of the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2 in the amount of $1,349,500 with a contingency of $40,000 for a total project cost of $1,389,500.

Background:

- Mills River Water Treatment Plant is over 20 years old. Assets and components required to produce high quality drinking water are reaching the end of their useful life.
- CDM Smith completed a Professional Engineer's Report in 2017 which is the basis of this second phase of the continued rehabilitation project.
- Phase 1 of the project is currently under construction. The water treatment plant rehabilitation is staged in 2 phases to allow for continued plant operation during rehabilitation.
- Phase 2 includes replacement of bulk chemical storage tanks, expansion of chemical storage and feed systems, additional raw and finished water storage, additional filter capacity, replacement of multiple motors and pumps, and filter control upgrades.

Vendor Outreach Efforts:

- Through a qualifications-based selection process beginning in August 2014, the City of Asheville selected nine consulting firms to provide on-call professional services for an array of different types of water system projects. CDM Smith was one of the selected firms due to their expertise in areas of water treatment plant construction and upgrades.
- The City of Asheville entered into a master agreement with CDM Smith 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 CDM Smith for the additional two years of on-call professional services.
- If approved, the proposed engineering services described here within will be developed into a subcontract under the conditions of the master agreement.
- City of Asheville Water Resources Staff determined that utilizing the on-call professional services for General Projects was the best method to deliver this project and CDM Smith was the most qualified of the on-call firms. Based on the current master agreement, no additional vendor outreach was performed.

Council Goal(s):

- A Clean and Healthy Environment

Committee(s):

- None

Pro(s):

- Continued functionality of assets necessary to produce high quality drinking water.
- Ability to continue compliance with Federal and State regulations.

Con(s):

- Impacts could hamper the delivery of water into the water distribution system
- Impact the ability to meet future increased water demands
- Impact the ability to meet EPA and State regulations.

Fiscal Impact:

- The Water Resources Department currently has the funds needed for this construction agreement budgeted in the “Water Treatment Plant Project” in the Capital Improvement Program Fund.
- $1,349,500 with a contingency of $40,000 for a total project cost of $1,389,500

Suggested Motion:

- Motion to adopt a resolution authorizing the City Manager to execute a professional services - supplemental agreement with CDM Smith for the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2 Design, Bidding, and Project Management.

Attachment(s)

- Resolution

RESOLUTION NO. 20-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT WITH PROFESSIONAL SERVICES CONTRACT WITH CDM SMITH FOR THE MILLS RIVER WATER TREATMENT PLANT - MISCELLANEOUS PLANT UPGRADES - PHASE 2. DESIGN, BIDDING AND PROJECT MANAGEMENT

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, CDM Smith 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 CDM Smith, on June 8, 2015 and renewed the Master Agreement on March 16, 2018 for On-Call Professional Services for the Water Treatment Plant Projects; and

WHEREAS, professional Services Contract with CDM Smith for the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2 will be a subcontract under said Master Agreement; and

WHEREAS, the use of,CDM Smith will utilize the most qualified firm to ensure timely completion and fulfill compliance with scope of services for the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2 - Design, Bidding, and Project Management;

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 contract with CDM Smith for the Mills River Water Treatment Plant - Miscellaneous Plant Upgrades - Phase 2. Design, Bidding, Project Management amount of $1,349,500 with a contingency of $40,000 for a total project cost of $1,389,500.

.

Read, approved, and adopted this 12th day of May 2020.

_____ _____

City Clerk Mayor

Approved as to form:

_____

City Attorney