THE CITY OF ASHEVILLE

Staff Report

Council Meeting Date: November 14, 2023

Subject: Engineering Services Contract for the development of a Preliminary Engineering Report for East Asheville Booster Pump Station

Staff Resource(s): David Melton - Water Resources Director; Chad Pierce - Engineering Services Manager

Action Requested: Adoption of a resolution authorizing the City Manager to sign a contract with Hazen and Sawyer to provide a Preliminary Engineering Report for East Asheville Booster Pump Station in an amount not to exceed $245,000.

Background:

- The City of Asheville owns a water system booster pump station asset, known as the East Asheville Booster Pump Station or EABPS.
- The East Asheville Booster Pump Station has been non-operational since approximately 2010 and is currently considered decommissioned.
- A large-scale water system outage occurred at the end of December 2022 and beginning of January 2023 that impacted Asheville's Water Resources service area.
- As a result of the water outage, Asheville City Council voted to form a Water Outage Independent Review Committee whose task would be to analyze the event and make recommendations for water system improvements, which would reduce the risk of future large-scale outages.
- One of the recommendations from this committee was to conduct an evaluation of the East Asheville Booster Pump Station for the purpose of producing a Preliminary Engineering Report (PER), detailing what will be needed to refurbish the East Asheville Booster Pump Station and return it to useful service for system redundancy.
- The authorization and execution of this professional services contract for the development of the PER will fulfill the Water Outage Independent Review Committee's recommendation.
- The Water Resources Department has prioritized this water system analysis project for the current fiscal year and is seeking engineering services for the project.
- This project will become part of the Water Resources Department's ongoing Capital Improvement Program.

Vendor Outreach Efforts:

- Through a qualifications based selection process beginning in February of 2020, the City of Asheville selected several consulting firms to provide on-call professional services for General Services Projects.
- Hazen and Sawyer was one of the selected firms due to their expertise in areas of master planning, hydraulic modeling, water system analysis, pump stations, pump system controls and on staff expertise in electrical and mechanical systems.
- The City of Asheville entered into a master agreement with Hazen and Sawyer on September 28, 2020 for on-call professional services for General Services valid for three years with the option to renew for two additional years.
- The City of Asheville renewed the master agreement with Hazen and Sawyer on September 28, 2023 for an additional year.
- 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 Services was the best method to deliver this project in the recommended time frame and that Hazen and Sawyer is specifically qualified to provide the required engineering services.
- No other vendor outreach was performed.

Council Goal(s):

- Improve / Expand Core Services
- A Financially Resilient City

Committee(s):

- None.

Pro(s):

- This project is aligned with the City and the Water Resources Department goal of continued investment and improvement of the City's water system through Capital Improvement Projects, in order to provide safe and reliable service.
- Hazen and Sawyer have successfully provided engineering services for other water system improvement projects.
- Their experience with the Asheville water system and expertise in water distribution projects will lead to a reliable assessment of the feasibility of recommissioning this facility.

Con(s):

- Failure to award an engineering services contract would prevent the Water Resources Department from making an informed decision about the future of this facility.

Fiscal Impact:

- Funding for this contract is available in the Water Resources Capital Projects Fund.

Suggested Motion:

- Motion to adopt a resolution authorizing the City Manager to execute a professional services contract with Hazen and Sawyer to develop a Preliminary Engineering Report for East Asheville Booster Pump Station in the amount of $245,000.

Attachment(s)

- Resolution

RESOLUTION NO. 23-_____

RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN A CONTRACT WITH HAZEN AND SAWYER TO DEVELOP A PRELIMINARY ENGINEERING REPORT FOR THE EAST ASHEVILLE BOOSTER PUMP STATION.

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, Hazen and Sawyer was one of several firms selected by Staff via a qualifications-based process to perform on-call professional services for General Services Projects; and

WHEREAS, the City of Asheville entered into a Master Agreement with Hazen and Sawyer on September 28, 2020 for on-call professional services for General Services Projects for a period of 3 years; and

WHEREAS, the City of Asheville renewed said Master Agreement with Hazen and Sawyer on September 28, 2023 for a period of 1 year; and

WHEREAS, the professional engineering services for the the development of a Preliminary Engineering Report for the evaluation of the East Asheville Booster Pump Station will be part of a subcontract under said Master Agreement; and

WHEREAS, the use of Hazen and Sawyer will insure timely completion and full compliance with the requirements for the development of a Preliminary Engineering Report for the evaluation of the East Asheville Booster Pump Station;

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 Hazen and Sawyer to provide a Preliminary Engineering Report for East Asheville Booster Pump Station in an amount not to exceed $245,000.00

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Read, approved and adopted this 14th day of November 2023.

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City Clerk Mayor

Approved as to form:

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City Attorney