THE CITY OF ASHEVILLE

Staff Report

Council Meeting Date: September 12, 2023

Subject: Bee Tree Dam Assessment Services

Staff Resource(s): David Melton - Water Resources Director; Leslie Carreiro - Water Resources Assistant Director

Action Requested: Adoption of a resolution authorizing the City Manager to sign a contract with Schnabel Engineering for $603,603 (includes a 10% contingency of $54,873) for Bee Tree Dam Assessment Services

Background:

- This project is part of the Water Resources Department's ongoing Capital Improvement Program and will assess the condition of one of the City's High Hazard dams.
- The objectives include assessing the seismic risk and potential impacts to the safety of the dam, identifying conditions at the site which merit future rehabilitation or repair, and the installation of monitoring equipment that will assist engineers and staff in the maintenance of the dam.

Vendor Outreach Efforts:

- Through a qualifications based selection process beginning in November of 2021 the City of Asheville selected Schnabel Engineering South to provide on-call professional services for Dam Inspections and Improvements Projects.
- The City of Asheville entered into a master agreement with Schnabel Engineering South on April 5, 2022 for on-call professional services for Earthen Dams and Related Asset projects valid for three years with the option to renew for two additional years.
- City of Asheville Water Resources Staff determined that utilizing the on-call professional services for Dam Inspections and Improvement Projects was the best method to deliver this project and Schabel Engineering South was specifically qualified to provide the required engineering services.
- If approved, the proposed engineering services described here within will be developed into a subcontract under the conditions of the master agreement.
- No other vendor outreach was performed.

Council Goal(s):

- Improve and Expand Core Services
- Neighborhood and Climate Resilience

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.
- The project will help provide safe and reliable service to our consumers.

- Schnabel Engineering South has successfully provided engineering services for other water system improvement projects.
- Their experience with the department's earthen dams and expertise in dam construction and improvement projects will lead to a successful project with lesser negative impacts to customers and the City's water system.

Con(s):

- Failure to award an engineering services contract would prevent the Water Resources Department from completing the water system capital improvement project in a timely manner.

Fiscal Impact:

- Funding for this contract was previously budgeted and 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 Schnabel Engineering to provide engineering design services for a water system improvement project known as the Bee Tree Dam Assessment $603,603.

Attachment(s)

- Resolution

RESOLUTION NO. 23-_____

RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN A CONTRACT WITH SCHNABEL ENGINEERING SOUTH FOR ENGINEERING SERVICES ASSOCIATED WITH THE BEE TREE DAM ASSESSMENT

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, Schnabel Engineering South was selected by Staff via a qualifications based process to perform on-call professional services for Dam Inspections and Improvements Projects;and

WHEREAS, the City of Asheville entered into a Master Agreement with Schnabel Engineering on April 5, 2022 for for On-Call Professional Services for Dam Inspections and Improvements Projects;and

WHEREAS, the professional engineering services for the Bee Tree Dam Assessment will be part of a subcontract under said Master Agreement; and

WHEREAS, the use of Schnabel Engineering will insure timely completion for the Bee Tree Dam Assessment project;

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 Schnabel Engineering, for engineering services required to design and permit the Bee Tree Dam Assessment project for the not to exceed amount of $603,603.00

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Read, approved and adopted this 12th day of September 2023.

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City Clerk Mayor

Approved as to form:

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City Attorney