THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: November 9, 2021

Subject: Approval for Bentley Systems as a sole provider for Sensemetrics products for software and instrumentation maintenance for the monitoring system located within the North Fork Dam.

Staff Resource(s): David Melton, Director Water Resources
Lee Hensley, Watershed Supervisor

Action Requested: Sole source approval for contract with current vendor, Bentley Systems - Sensemetrics products and service, for 1 year with two one-year options for renewal.

Background:

- During the recent upgrades to both the Main and Saddle dams at North Fork Reservoir, specialized instrumentation was installed to detect any seepage and/or seismic anomalies within the dams.
- This equipment is manufactured by Bentley Systems - Sensemetrics products and they are the sole providers of the required software and instrumentation maintenance.
- This system and its software provide real-time data that can be easily accessed and reviewed by the dam managers.
- This system provides a standards-based approach for collecting, organizing, and structuring data from the dams, and detects structural anomalies prior to negative impacts within our earthen dams.
- The system provides the ability to proactively manage the dams assets and aids in ongoing compliance with identified risk management practices.

Vendor Outreach Efforts:

- BentleySystems is the sole provider of Sensemetrics products and services.

Council Goal(s):

- A Clean and Healthy Environment

Committee(s):

- None.

Pro(s):

- Ensure the physical integrity and safety of the dams at North Fork Reservoir by continuing to maintain an up-to-date and precise monitoring system and data management.

Con(s):

- If not approved, the current contract will lapse.

Fiscal Impact:

- The annual cost is $9,840, A three year cost would be $29,520. Funding is within the Water Operations budget.

Suggested Motion:

- Motion to adopt a resolution authorizing the City Manager to enter into a Sole source contract with current vendor, Bentley Systems - Sensemetrics products and service, for 1 year with two one-year options for renewal.

Attachment(s)

- Resolution

RESOLUTION NO. 21-____

RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A SOLE SOURCE CONTRACT WITH CURRENT VENDOR, BENTLEY SYSTEMS - SENSEMETRICS FOR PRODUCTS AND SERVICE, FOR 1 YEAR WITH TWO ONE-YEAR OPTIONS FOR RENEWAL.
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WHEREAS, pursuant to N.C.G.S. § 143-129(e)(6), the City of Asheville does not have to engage in competitive bidding for purchases of apparatus, supplies, materials or equipment when (i) performance or price competition is unavailable; (ii) a needed product is available from only one source of supply; or (iii) standardization or compatibility is the overriding consideration.; and

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, the City currently utilizes BENTLEY SYSTEMS to provide SENSEMETRICS products and service in order to ensure the physical integrity and safety of the dams at North Fork Reservoir; and

WHEREAS, the use of BENTLEY SYSTEMS SENSEMETRICS will maintain an up-to-date and precise monitoring system and data 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 enter into a contract with BENTLEY SYSTEMS for SENSEMETRICS products and service in order to ensure the physical integrity and safety of the dams at North Fork Reservoir by continuing to maintain an up-to-date and precise monitoring system and data management.

Read, approved, and adopted this 9th day of November, 2021.

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City Clerk Mayor

Approved as to form:

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City Attorney