

## Legislation Text

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File #: 15-8438, Version: 1

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### Central Business District Water Distribution System Improvement Plan

#### **Action:**

- A. Approve a unit price contract with Hazen and Sawyer to provide Engineering Services for the Evaluation of the Water Distribution System within and surrounding the Central Business District of Charlotte for an initial term of two years, and**
- B. Authorize the City Manager to renew the contract for up to two, one-year terms and to amend the contract consistent with the purpose for which the contract was approved.**

#### **Staff Resource(s):**

Angela Lee, Charlotte Water  
Keri Cantrell, Charlotte Water

#### **Explanation**

- This contract will provide construction management for the replacement and repair of 55 valves within the Central Business District (CBD) (Council Districts 1, 2, and 3).
- It will also support hydraulic modeling, growth projections, a comprehensive condition assessment, field testing, communications, and a prioritized rehabilitation and replacement plan for the public water infrastructure within the CBD, including a half mile radius outside of the Interstate 277 Loop.
- The 2015 Water Distribution Master Plan identified areas in the CBD that contained infrastructure approaching the end of its useful life. However, due to the development and growth within the study area since then, an accurate hydraulic model and a comprehensive rehabilitation and replacement plan are needed to ensure continuous water supply, adequate fire flows, and minimal future service disruptions.
- On April 2, 2018, the City issued a Request for Qualifications (RFQ); three proposals were received.
- Hazen and Sawyer was determined to be the best qualified firm to meet the City's needs on the basis of demonstrated competence and qualification of professional services in response to the RFQ requirements.
- Estimated contract expenditures are \$3,000,000 in the aggregate over the possible four-year term.

#### **Charlotte Business INclusion**

The City negotiated subcontracting participation after the proposal process (Part C: Section 2.1 (h) of the Charlotte Business INclusion Policy). Hazen and Sawyer has committed to 11.37% (\$341,010) of the total contract amount to the following certified firms:

- Sweetwater Utility Exploration LLC (SBE) (\$130,250) (utility locates)
- Crittek Engineering Group, P.C. (SBE, MBE) (\$100,630) (engineering services)
- Hinde Engineering (SBE) (\$100,630) (engineering services)
- Mid-Carolina ReproGraphics, LLC (SBE) (\$9,500) (copying and printing services)

#### **Fiscal Note**

Funding: Charlotte Water Community Investment Plan

**Attachment(s)**

Map