



City of Greensboro

Melvin Municipal
Office Building
300 W. Washington Street
Greensboro, NC 27401

Agenda Report

File Number: 2022-1071

Agenda Item# G.7.

Agenda Date: 11/1/2022. **Department:** Water Resources

Meeting Type: Council Meeting **Category:** Consent Agenda

Title: 2022 – 1071 Resolution Approving a Contract in the Amount of \$180,000 with Hazen and Sawyer, PC to Provide Water Hydraulic Modeling Support

Council Priority: Place an 'x' in the box.

- Create an Environment to Promote Economic Development Opportunities and Job Creation
- Maintain Infrastructure and Provide Sustainable Growth Opportunities
- Promote Public Safety & Reduce Crime
- Exceptional Customer Service and a Diverse City Government Workforce
- Ensure Fiscal Stewardship, Transparency, & Accountability

Council District: All

Public Hearing: No

Advertising Date/By: N/A

Contact 1 and Phone: Michael Borchers, 336-373-2494

Contact 2 and Phone: Virginia Spillman, 336-373-3260

PURPOSE:

The Water Resources Department is requesting approval for the Professional Services Contract for water hydraulic modeling support. City Council approval of Contract with Hazen and Sawyer, PC in the amount of \$ 180,000 is requested.

BACKGROUND:

The City of Greensboro operates and maintains a complicated water distribution system of water mains, pump stations, and tanks. Water Resources utilizes hydraulic modeling for water system capacity assurance and to troubleshoot operational scenarios in the water distribution system. Hydraulic modeling is used to determine the feasibility of servicing a site, understanding water quality, and investigating hydraulic problems in the system. It is an integral tool for the understanding of the City's water distribution system. Hazen and Sawyer, PC will provide advanced modeling support for City staff and will provide engineering expertise through modeling for operational concerns. Hazen and Sawyer will also provide guidance for complicated feasibilities and provide water quality modeling and water quality data review.

Hazen and Sawyer were requested to solicit and make an effort to use certified M/WBE firms capable of providing services needed to fulfill the project. The firm committed to utilizing an MBE firm on the project and will subcontract 10.00% of the total contract value. For this contract the project team will include Stewart Engineering, MBE.

BUDGET IMPACT:

Funding in the amount of \$ 180,000 is budgeted in the Water Resources Operating Fund.

ACCOUNT NUMBER:

501-7081-01.5413

501-7023-01.5413

RECOMMENDATION / ACTION REQUESTED:

It is recommended that City Council approve the Professional Services Contract with Hazen and Sawyer, PC.