



City of Greensboro

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

Agenda Report

File Number: 2022-1118

Agenda Item# I. 3.

Agenda Date: 11/15/2022. **Department:** Water Resources

Meeting Type: Council Meeting **Category:** General Business Agenda

Title: 2022 – 1118 Resolution Approving Contract in the amount of \$1,299,000 with HDR Engineering of the Carolinas, Inc. for Professional Services for the Water Booster Stations Instrumentation and Control and Supervisory Control and Data Acquisition Improvement

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: N/A

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 Water Booster Stations Instrumentation and Control and Supervisory Control and Data Acquisition (SCADA) Improvements Project. City Council approval of a professional services contract with HDR Engineering of the Carolinas, Inc. in the amount of \$1,299,000 is requested.

BACKGROUND:

HDR Engineering Inc. of the Carolinas is developing operational standards for Instrumentation and Control (I&C) and SCADA for the Water Supply Division of the Water Resources Department. Previous construction projects designed by other engineering firms did not incorporate these I&C standards because of the length of time it has taken HDR to define and incorporate the standards. Now that the standards have been established, HDR, a professional services consultant for Water Resources, is being tasked with incorporating the I&C and SCADA standards into the following projects: Four Farms Water Booster Station Improvement Contract,

Liberty Road Water Tank, Megasite Advanced Notification Water Quality Flushing Stations, Power Monitoring at Groometown Tank, Valve Station SCADA Improvements, and Airpark Booster Station.

HDR Engineering of the Carolinas, Inc. is on the City of Greensboro Water Resources On-Call list for Professional Services. The team HDR has assembled for the Water Booster Station Instrumentation and Control and SCADA Improvements Project includes SAMR, a MBE located in Guilford County. The MBE participation is 16.0%. There is no WBE participation on this contract.

BUDGET IMPACT:

Funding in the amount of \$1,299,000 is budgeted in the Water Resources Capital Improvement Fund.

ACCOUNT NUMBER:

503-7032-08.6019 A23062

RECOMMENDATION / ACTION REQUESTED:

It is recommended that City Council approve the Professional Services Contract with HDR Engineering of the Carolinas, Inc. for the Water Booster Stations Instrumentation and Control and SCADA Improvements Project.