



City of Greensboro

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

Agenda Report

File Number: 2024-718

Agenda Item# I.5.

Agenda Date: 10/15/2024. **Department:** Water Resources
Meeting Type: Council Meeting **Category:** General Business Agenda

Title: 2024 - 718 Resolution Approving an Engineering Services Contract in the amount of \$1,170,000 with CDM Smith Inc. for the Mitchell WTP High Service Pump and Surge Improvements.

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

- | | |
|--|---|
| <input type="checkbox"/> Safest City | <input type="checkbox"/> Most Skilled Workforce |
| <input type="checkbox"/> Easiest Place to Do Business | <input type="checkbox"/> Most Connected City |
| <input type="checkbox"/> Youth Sports Capital | <input type="checkbox"/> Hub of Recreation and Entertainment |
| <input type="checkbox"/> Abundance of Attainable Housing | <input checked="" type="checkbox"/> Other/Admin <u>Infrastructure Improvement</u> |

Council District: 3

Public Hearing: No
Advertising Date/By: N/A

Contact 1 and Phone: Michael Borchers, Ext. 2494
Contact 2 and Phone: Virginia Spillman, Ext. 3260

PURPOSE:

Water Resources Department is requesting approval for an Engineering Services for the Mitchell WTP High Service Pump and Surge Improvements. City Council approval of a contract with CDM Smith Inc. in the amount of \$1,170,000 is requested.

BACKGROUND:

The City of Greensboro Water Resources Department requires engineering evaluation of the high service pumps and various valve and piping appurtenances to evaluate surge impacts to the pump discharge piping. CDM Smith will perform modeling simulations and in-field measurement to determine surges. Based on these evaluations, CDM Smith will design a solution that helps mitigate these effects. CDM Smith Inc. part of the City of Greensboro Water Resources On-Call list for Engineering Services, selected in accordance with the Mini-Brooks Act. The team assembled by CDM Smith Inc. includes CriTek Engineering Group, a local MBE firm for 0.90% and Verdantas Flow Labs, a non-MWBE for 10.26%.

BUDGET IMPACT:

Funding in the amount of \$1,170,000 is budgeted in the Water Resources Revenue Bond Account. A budget Ordinance is needed to use this account.

Vision Statement: "A Community with Endless Economic Opportunities and Exceptional Quality of Life."

ACCOUNT NUMBER:

518-70-7099213.5410

RECOMMENDATION / ACTION REQUESTED:

It is recommended that City Council approve the Engineering Service contract with CDM Smith Inc. for the Mitchell WTP High Service Pump and Surge Improvements.