

## Legislation Details (With Text)

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**Title:** Professional Engineering Services for Restoration and Surface Water Quality Projects

**Attachments:**

Date	Ver.	Action By	Action	Result
3/28/2022	1	City Council Business Meeting	Approve	

## Professional Engineering Services for Restoration and Surface Water Quality Projects

### Action:

- A. Approve unit price contracts with the following companies for stream restoration professional services for an initial term of three years:**
- Hazen and Sawyer PC;
  - Kimley-Horn; and
  - SWCA Environmental Consulting & Engineering, Inc.;
- B. Approve unit price contracts with the following companies for surface water quality enhancement services for an initial term of three years:**
- Gavel & Dorn Engineering, PLLC;
  - HDR Engineering Inc. of the Carolinas; and
  - LJB Inc;
- C. Authorize the City Manager to renew the contracts for up to two, one-year terms with possible price adjustments and to amend the contracts consistent with the purpose for which the contracts were approved.**

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

Angela Charles, Charlotte Water  
Mike Davis, Storm Water Services  
Jordan Miller, Storm Water Services

### **Explanation**

- Storm Water Services evaluates the feasibility of new surface water quality improvement projects.
- Surface water quality enhancements, ponds, and stream restoration projects drain to creeks identified as impaired by Clean Water Act standards.
- Improvements to existing ponds and newly identified surface water quality enhancement and stream restoration projects will remove pollutants from stormwater runoff before the water is discharged into the creeks.
- Stream restoration projects can generate mitigation credits that can be used to offset stream and wetland impacts on City and County projects.
- On January 10, 2022, the City issued a Request for Qualifications (RFQ); 17 responses were received.
- The firms selected are the best qualified firms to meet the City's needs on the basis of

demonstrated competence and qualification of professional services in response to the RFQ requirements.

- Aggregate annual contract expenditures are estimated to be \$1,440,000.

### **Charlotte Business INclusion**

The City negotiates subcontracting participation after the proposal selection process (Part C: Section 2.1 (h) of the Charlotte Business INclusion Policy). Each of the firms listed have identified certified firms to be utilized as the project evolves:

#### Action A:

##### Hazen & Sawyer, P.C.

- Stewart Engineering, Inc. (MBE) (field survey and subsurface utility engineering)
- Froehling & Robertson, Inc. (MBE) (geotechnical engineering)

##### Kimley Horn

- Froehling & Robertson, Inc (MBE) (geotechnical engineering)
- Hinde Engineering, Inc. (SBE) (utility coordination and design)
- James Mauney and Associates, P.A. (SBE) (surveying and mapping)

##### SWCA Environmental Consulting & Engineering, Inc.

- CES Group Engineers, LLP (WBE) (surveying)
- Stewart Engineering, INC (MBE) (surveying services)

#### Action B:

Gavel & Dorn Engineering, PLLC is a City-certified SBE.

##### Gavel and Dorn Engineer PLLC (SBE)

- Carolina Wetland Services Inc (SBE) (wetland delineation and permitting services)
- CES Group Engineers, Inc (WBE) (surveying)

##### HDR Engineering Inc. of the Carolinas

- Stewart Engineering, Inc (MBE) (surveying and utility location services easement plat preparation, and geotechnical services)

##### LJB Inc.

- BB Foster Consulting, PC (MBE, SBE) (relocation coordination)
- Carolina Geotechnical Group, PLLC (SBE) (subsurface testing and laboratory analysis and reports)
- Hearn's Real Estate Solutions, LLC (MBE, SBE) (deed research and recordation of plats and documents)
- Tidemark Land Services (SBE) (survey services and easement preparation)

### **Fiscal Note**

Funding: Storm Water Services Capital Investment Plan