

Legislation Text

File #: 15-19791, Version: 1

Professional Engineering Services for Various Storm Water Services Projects

Action:

- A. Approve a contract for up to \$1,300,000 with Armstrong Glen, PC for planning and design services for the Morning Dale Storm Drainage Improvement Project,**
- B. Approve a contract for up to \$1,100,000 with D&A Wolverine, PLLC for planning and design services for the Lanier Storm Drainage Improvement Project,**
- C. Approve a contract for up to \$1,600,000 with ESP Associates, Inc. for planning and design services for the Collective Culverts Storm Drainage Improvement Project,**
- D. Approve a contract for up to \$1,300,000 with STV Engineers, Inc. for planning and design services for the Tennessee Storm Drainage Improvement Project,**
- E. Approve a contract for up to \$1,200,000 with WithersRavenel, Inc. for planning and design services for the Brooklain-Coulwood Storm Drainage Improvement Project, and**
- F. Authorize the City Manager 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
Matthew Gustis, Storm Water Services

Explanation

- Professional engineering services will include evaluation of infrastructure and reported storm drainage concerns to determine and design needed improvements to the existing drainage system.
- Specific planning tasks include, but are not limited to:
 - Site assessment activities,
 - Hydrologic and hydraulic analyses,
 - Determination of alternatives to address the applicable drainage issues,
 - Recommendations of a preferred solution, and
 - Evaluation of downstream impacts.
- Specific design tasks include, but are not limited to:
 - Design of repairs and/or improvements,
 - Preparation of construction documents, and
 - Construction administration.
- On December 19, 2022, the city issued a Request for Qualifications (RFQ); 24 responses were received.
- Armstrong Glen, PC, D&A Wolverine, PLLC, ESP Associates, Inc., STV Engineers, Inc., and WithersRavenel, Inc., were 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.

Action A

- The Morning Dale Storm Drainage Improvement Project is bordered by Hinson Drive to the north, Stratfordshire Drive to the south, Tadlock Place to the east and Morning Dale Road to the west, in Council District 6.

Action B

- The Lanier Storm Drainage Improvement Project is bordered by Unaka Avenue to the north, Buena Vista Avenue to the south, N. Sharon Amity Road to the east and Dudley Drive to the west, in Council District 5.

Action C

- The Collective Culverts Storm Drainage Improvement Project consists of five separate drainage culverts located at: N. Kings Drive, Harris Houston Road, Allister Drive, Parview Drive, and Pence Road. These five locations are in Council Districts 1,4,5, and 7.

Action D

- The Tennessee Storm Drainage Improvement Project is bordered by N. Hoskins Road to the north, Honeywood Avenue to the south, a tributary to Stewart Creek to the east and Alabama Avenue to the west, in Council District 2.

Action E

- The Brooklain-Coulwood Storm Drainage Improvement Project is bordered by Coulwood Drive to the north, Brooklain drive to the south, Cathey Road to the east and Waycross Drive to the west, in Council District 2.

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).

Action A

Armstrong Glen, PC has identified the following certified firms to participate as project scopes are defined:

- Froehling & Robertson, Inc. (MBE) (geotechnical assessment)
- Pipe Pros. (SBE) (inspection and cleaning)
- Survey & Mapping Control, Inc. (SBE) (field surveying)

Action B

D&A Wolverine PLLC PC has identified the following certified firms to participate as project scopes are defined:

- Avioimage Mapping Services, Inc. (SBE) (survey, mapping, plats, easements, utility locating, aerial support, drone operating, staking)
- Centerline Locating, LLC (SBE) (utility locating)
- Southern Engineering and Testing, P.C.(SBE) (geotechnical engineering, materials testing & laboratory analysis, design & reporting)
- Survey & Mapping Control, Inc. (SBE) (aerial photogrammetry, mapping, survey)
- Sweetwater Utility Exploration LLC (SBE) (underground utility locates)

Action C

ESP Associates, Inc has identified the following certified firms to participate as project scopes are defined:

- Centerline Locating, LLC (SBE) (utility locating and SUE)
- Habitat Assessment and Restoration Professionals (SBE) (environmental and ecological services)
- Barry Lambert Engineering, PC (SBE) (structural engineering)
- The Survey Company, Inc. (SBE) (land surveying)

Action D

STV Engineers, Inc. has identified the following certified firms to participate as project scopes are defined:

- Froehling & Robertson, Inc.) (MBE) (geotechnical engineering services)
- Hinde Engineering, Inc. (SBE) (utility coordination services)
- Stewart Engineering, Inc. (MBE) (surveying, utility locating, and plat preparation services)

Action E

Withers Ravenel has identified the following certified firms to participate as project scopes are defined:

- Alpha & OmegaGroup, PC (SBE) (structural engineering)
- Capstone Civil Engineering (MBE,SBE) (geotechnical investigations)
- Tidemark Land Services Inc. (SBE) (survey, easement plats)

Fiscal Note

Funding: Storm Water Capital Improvement Plan

Attachment(s)

Map