

**AMENDMENT NO. 1
TO
AGREEMENT BETWEEN OWNER AND CONSULTANT
PROJECT # SW-133-15**

WHEREAS, an Agreement was entered into as of July 9, 2018 between **THE MAYOR AND ALDERMEN OF THE CITY OF SAVANNAH (OWNER)** and **EMC ENGINEERING SERVICES, INC. (CONSULTANT)** for the Georgetown Sewer Improvements, Project # SW-133-15 (PROJECT).

WHEREAS, the scope of the Project has been increased to include the following:

- Provide additional surveying and engineering to change project route from Brown Thrush Road to Little Neck Road. The original route along Brown Thrush Road will be too costly and the new route along Little Neck Road is a more cost effective option.

The proposed expanded scope of services and justification are detailed in attached Exhibit "A".

NOW THEREFORE, the OWNER and CONSULTANT agree to amend the PROJECT scope as described herein and that services under this amendment shall be provided on a Lump Sum basis in accordance with the attached Rate Sheet (Exhibit "B"). Based on the scope of services described in Exhibit "A" the basic services shall be increased from \$201,099.50 to \$248,974.50 for an increase of \$47,875.00.

IN WITNESS WHEREOF, the parties hereto have made and executed this Amendment this ___ day of _____, 2018.

THE MAYOR AND ALDERMEN OF THE
CITY OF SAVANNAH, GEORGIA

Witness



Witness

Donna Bailey

Notary Public

City Manager

EMC ENGINEERING SERVICES, INC.

Ben Lockhart

Ben Lockhart, PE
Associate



GEROGETOWN SEWER IMPROVEMENTS
Exhibit "A"
Scope of Services
December 12, 2018

Project Understanding:

The Georgetown Sewer Improvements 16" force main route is being revised to generally run down Little Neck Road, US Highway 17 and State Route 204. The force main will begin at the Georgia Power easement and end at Lift Station 126. The new force main route can be seen in the attached exhibit. EMC Engineering's scope of work to prepare revised construction plans and update the lift station evaluation report is as follows.

Preliminary Engineering:

A. Surveying which will include:

- Topographic survey of the new project route. The survey will include location of all existing above ground features. A private utility locate company will be used to locate underground utilities and fly the marked locations with a drone for inclusion in the construction plans.
- Locate property corners as needed to establish right of way lines along the project route.
- Prepare a revised database drawing for engineering design.

B. Wetlands which will include:

- Resource Land Consultants will visit the project site and flag any wetlands. The wetlands will be located as part of the topographic survey.

C. Construction plans which will include:

- 30% plans along the new project route.
- Coordination of the design with the drainage improvements Chatham County is doing along the Gateway Henderson Canal.



Proposal
Georgetown Sewer
Improvements RFP #5906

SECTION 4

HOURLY RATE SCHEDULE

Section 4

ENGINEERING

Senior Principal Engineer	\$190.00/HR
Principal Engineer	\$160.00/HR
Senior Project Manager	\$150.00/HR
Project Manager	\$135.00/HR
Junior Project Manager	\$125.00/HR
Professional Engineer	\$120.00/HR
Senior Design Engineer	\$110.00/HR
Design Engineer	\$100.00/HR
Junior Design Engineer	\$90.00/HR
Senior Engineer Tech	\$85.00/HR
Engineer Tech	\$75.00/HR
Junior Engineer Tech	\$70.00/HR
Senior Landscape Architect (RLA)	\$135.00/HR
Landscape Architect	\$115.00/HR
Junior Landscape Designer	\$75.00/HR
Geotechnical Engineer	\$120.00/HR
Junior Geotechnical Engineer	\$90.00/HR

SURVEYING

Senior Registered Land Surveyor	\$135.00/HR
Registered Land Surveyor	\$110.00/HR
Land Surveyor	\$100.00/HR
1-Man RLS Surveyor (Field)	\$125.00/HR
1-Man Surveyor (Field)	\$105.00/HR
2-Man Survey Crew	\$125.00/HR
3-Man Survey Crew	\$175.00/HR
Senior Survey Tech	\$85.00/HR
Survey Tech	\$75.00/HR
Junior Survey Tech	\$65.00/HR

CONSTRUCTION PHASE SERVICES

Construction Manager	\$100.00/HR
Senior Construction Inspector	\$80.00/HR
Construction Inspector	\$70.00/HR
Senior CMT Field Representative	\$60.00/HR
CMT Field Representative Specialty	\$85.00/HR
CMT Field Representative	\$50.00/HR
Junior CMT Field Representative	\$35.00/HR

ADMINISTRATIVE

Administrative Assistance	\$ 55.00/HR
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