



## Agenda Item Recommendation Form

**Event Name and No: GEORGETOWN SEWER IMPROVEMENTS**

**Event No. 5906**

**Requested Meeting Date: 1/17/2019**

### REQUESTED ACTION

#### OBJECTIVE/OUTCOME:

The Water & Sewer Planning & Engineering Department recommends approval to amend the engineering contract to EMC Engineering Services, Inc., in the amount of \$47,875.00. This increase is due to the change in project scope of work from the original alignment along Brown Thrust Rd. to Little Neck Rd.

### SUMMARY EXPLANATION/BACKGROUND

Provide an executive summary of the action that gives an overview of the relevant details for the item. Please include the reason for not selecting low bidder, for the emergency, or why the item is a sole source, if applicable. This section will become your agenda narrative when entered into Agenda Plus.

The Lift Station 176 16" force main will be extended approximately 10,250 linear feet from end of line at Henderson Lake to a tie-in point at Lift Station 126. The original intent is to route the force main thru Brown Thrust Rd. A coordination meeting with the County was conducted on 11-14-18 to present the 30% plan submittal. In this meeting, the County notified us that they are finalizing the right-of-way acquisition for Little Neck Rd. and proposed that the force main be routed to Little Neck Rd. instead of Brown Thrust Rd. We concurred with their recommendation due to the following reasons;

- A. Additional right of way acquisition is already taking place
- B. Installation and maintenance cost of the force main under pavement along Brown Thrust will be significantly higher in comparison to installing it along the grass shoulders of Little Neck Rd.

### FUNDING SOURCE

SW133-15

**STAFF CONTACT: Cesar Laureano**

**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

\_\_\_\_\_  
City Manager

EMC ENGINEERING SERVICES, INC.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Ben Lockhart, PE  
Associate

\_\_\_\_\_  
Notary Public

**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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# Georgetown Sewer Improvements

## Little Neck Road Alternative

Connect to Existing  
Forcemain

Lay Forcemain  
Along Existing  
Drainage Canal

Lay Forcemain  
Along South Side  
of Little Neck Road  
In Existing Right Of  
Way

This Portion of  
Forcemain To Be  
Laid Along South  
Side of Little Neck  
Road In Right Of  
Way That Will Be  
Acquired For The  
Little Neck Road  
Project

Lift Station 126

