



# STAFF REPORT

## CITY OF GREEN COVE SPRINGS, FLORIDA

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**TO:** City Council Regular Session **MEETING DATE:** February 16, 2021  
**FROM:** Scott Schultz, Assistant Water Utilities Director  
**SUBJECT:** City Council approval of Change Order #1 in the amount of \$31,000.00 to Jax Utilities Management for Bid Award LC 2020-07, US 17 / SR 16 Force Main Modifications in the amount of \$412,915.00, increasing the total award to \$443,000.00. *Scott Schultz*

### BACKGROUND

At the intersection of SR 16 and SR 15 (US 17) the force mains from US 17 South (Old Food Lion Warehouse) flows past to Lift Station #2 as a force main. The wastewater from the Cove Plaza and Cove Apartments empties into a gravity sewer just behind the intersection that flows through the wetlands (Green Cove Swamp) to Lift Station #2. This gravity sewer is in very bad shape and could not be videoed as part of the Sanitary Sewer Evaluation Survey (SSES) due to its condition and soggy ground from this summers rains. During storms and extremely high tide conditions, the manholes (which are too far apart and in disrepair) allow the river water to flow into Lift Station #2 and overwhelm the station. There is also high potential for a sanitary sewer overflow (SSO).

This task will be to route the Cove Apartments and Cove Plaza wastewater into the US 17 South force main which will eliminate the need for the gravity system through the wetlands. The cost is high as an evaluation of pumping / head capacity at the affected lift stations is required, design of how Cove Plaza and Apartments are injected, extensive underground surveying, FDOT permitting, preparation of blueprints and associated bid documents will be required. This task will take the project from design through completion, which includes construction inspection and closeout services.

This task will also support the broader Consolidated AWWTP project as well as any future development along Cooks Lane.

On 11/13/2019 Council approved a Task Order in the amount of \$71,000.00 with Mittauer & Associates for the design and bidding of the improvements.

On 2/4/2020 Council approved an increase to the wastewater capital improvement budget in the not to exceed amount of \$412,000.00 for the force main improvements.

On 11/10/2020 Council approved Bid Award LC 2020-07, US 17 / SR 16 Force Main Modifications in the amount of \$412,915.00 to Jax Utilities Management.

On January 22, 2021 the discharge piping at lift Station # 314, Muirifeld Avenue, failed. The piping is inside an underground pit. During the repairs the pit piping began to come apart and it was discovered that the fittings were not glued or properly restrained. The only thing keeping the piping together was the discharge line that had now come apart. The station is now connected with a hose and needs immediate repair.

As Jax Utilities Management is already mobilized close by, and are performing a similar installation, they are the logical contractor to timely complete the repair.

### FISCAL IMPACT

\$31,000.00 from the Wastewater Department Capital Improvement Budget.

\$87,369.48 from the Wastewater Department capital improvement budget.

Approve Change Order #1 in the amount of \$31,000.00 to Jax Utilities Management for Bid Award LC 2020-07, US 17 / SR 16 Force Main Modifications in the amount of \$412,915.00, increasing the total award to \$443,000.00.