



Legislation Text

File #: 2019-860, **Version:** 1

Placement: Consent Agenda

Action Requested: Motion / Vote

Approve Change Order #2 to Contract #20170131 for the Design and Construction Engineering and Inspection (CEI) of the Vacuum-Based Wastewater Collection System at Southport in the amount of \$127,503.

Submitted By: Robyn Holder, CPPB, Procurement Management Department (PMD).

Strategic Plan Link: The City's Goal of high-quality infrastructure and facilities.

Summary Brief (Agreements/Contracts only)

1. Prepared by: Robyn Holder, CPPB.
2. Parties: City of Port St. Lucie and Giffels Webster Engineers, Inc.
3. Purpose: This change order is to delete Task 8 and Task 15. Task 13 is increased for additional inspection services to be consistent with the Contractor's schedule.
4. New/Renewal/Modified: Modified.
5. Duration: The original contract time was 365 calendar days. The first Change Order added 90 calendar days with an end date of November 19, 2018. This Change Order adds 619 calendar days for a new end date of July 30, 2020.
6. Benefits to Port St. Lucie: To allow the CEI Services to match the Contractor's schedule.
7. Cost to Port St. Lucie (Annual and Potential): Net Contract change is an increase of \$127,503 for a new contract amount of \$627,338.

Presentation Information: N/A

Staff Recommendation: Move that the Council approve Change Order #2 to Contract #20170131 for Design and Construction Engineering and Inspection for the vacuum-based wastewater collection system at Southport Unit 5.

Alternate Recommendations:

1. Move that the Council amend the recommendation and approve Change Order #2 to Contract #20170131.
2. Move that the Council provide staff with direction.

Background: The City of Port St. Lucie owns and operates a wastewater collection system in the Southport Unit

5 area that needs upgrades. This Unit 5 area is mainly residential with few commercial connections. The existing collection system was originally constructed in 1978 as an air-educator type system. Home service laterals were connected to gravity type collection sewers that drain to sumps. The sumps serve sub-areas that consist of anywhere from 10 to 88 lots. There is a total of 7 sub-area sumps, and these are in public rights-of-way, typically near the edge of pavement. Each sump was originally constructed with an air compressor on top to operate the air educator venturi that would lift sewage out of the sump and into a gravity main. Once in the gravity main, the sewage would flow into the next sump. The sumps are connected to each other via a cascading network of gravity-based interconnections which eventually connect to a true lift station. In the mid-1990s the sumps were retrofitted with grinder type pumps in a simplex configuration but the cascading interconnections between each sump remained in place. Today, the Unit 5 area is nearly built-out. The gravity system that serves the homes is in fine condition, but the interconnected cascading collection sumps are prone to backing up.

This change order provides for the deletion of Task 8 that was for the preparation of legal descriptions and parcel sketches and the deletion of Task 15 for Supplemental Services that were not needed. Task 13 is being increased to match the increase in the Contractor's schedule. The increased time is required to account for assembly of information necessary for making the Building Department and Fire Department submittals for permitting. Additional time was also needed to account for the contractor to purchase equipment in lieu of the City purchasing the equipment.

Issues/Analysis: Staff has reviewed the proposed change order and finds that the cost is fair and reasonable.

Financial Information: Utility Capital Improvement Projects/Wastewater Preventative Maintenance/Improvement-Design/SP Unit 5 (#448-3516-563004-Y1729).

Special Consideration: N/A

Location of Project: Due to the Critical Infrastructure Sector of the Homeland Security Act, no location map is provided for Water and Wastewater Facilities.

Attachments:

1. Change Order #2

NOTE: All of the listed items in the "Attachment" section above are in the custody of the City Clerk. Any item(s) not provided in City Council packets are available upon request from the City Clerk.

LEGAL SUFFICIENCY REVIEW:

N/A