

## **INTEROFFICE MEMORANDUM**

#### FROM THE DEPARTMENT OF ENVIRONMENTAL AND ENGINEERING SERVICES

DATE:

April 29, 2019

TO:

Samuel A. May, City Manager

THRU:

Kenneth Griffin, DEES Director KCG

FROM:

Sierra R. Marrero, Project Manage

RE:

Bid No. 2018-002 Lift Station No. 21 Renovation - Change Order

On December 13, 2017 the City of Margate award bid No. 2018-002 for Lift Station 21 Renovation to Southeastern Engineering Contractors, Inc. (Resolution 17-154) for \$298,216.60. The scope of work included a complete renovation of the existing wet well and retro-fitting that structure into a fully functional duplex submersible lift station.

During construction, the existing wet well structure was uncovered and it was discovered that the existing structure is 6-ft in diameter; not 8-ft as shown in the bid documents. The 2-ft difference in the diameter changes the storage capacity of the wetwell and thus does not meet the specifications required for the retro-fit. After exploring several options to remedy the situation, it was determined that a new wetwell structure must be installed in order to meet the flow demands of that lift station; the new wetwell must be 22.85-ft deep and have a diameter of 8-ft.

The design plans have been revised to reflect the required changes to the project in order to meet the flow demands (attached). The change order submitted by Southeastern Engineering Contractors, Inc. (attached) includes all work required to comply with these revisions. Included in this change order is the cost for the installation of the new 8-ft diameter wet well, additional force main piping, influent gravity main, modifications of the existing wet pit into a terminal manhole, water service extension and additional demolition to the existing dry pit.

The total cost for the additional work to comply with the design changes is \$147,907.00. Since the cost of this change order exceeds the contractual limits that can be approved at the Department level, I am requesting approval to process the change order for Southeastern Engineering Contractors, Inc. Approval of this change order will bring the total project cost to \$446,123.60.

Please let me know if you need any additional information.

#### Attachments:

Change Order dated April 24, 2019 (2 pages) Cost Breakdown Revised Plan Sheets (3 pages) Resolution No. 17-154

#### SECTION 00931

#### CHANGE ORDER

DATE OF ISSUANCE: 04-24-2019

No. #5

PROJECT: CITY OF MARGATE

LIFT STATION NO. 21 RENOVATION CAS PROJECT NO. 08-1477C21

OWNER:

CITY OF MARGATE, DEES 980 NW 66<sup>TH</sup> AVENUE MARGATE, FL 33063

CONTRACTOR: SOUTHEASTERN ENGINEERING CONTRACTORS, INC.

ENGINEER:

CRAIG A. SMITH & ASSOCIATES

CONTRACT FOR: LIFT STATION NO. 21, NEW WETWELL REVISION

YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGES IN THE CONTRACT DOCUMENTS.

DESCRIPTION: The addition of a new 22.85-ft deep wetwell to the project due to field conditions of the existing wetpit. This Change Order includes additional forcemain piping, influent gravity main, modifications of the existing wetpit into a terminal manhole, water service extension and additional demolition to the existing drypit. The addition of 212 days shall be added to the contract time to perform this additional work and make-up for time lost during the negotiations of this change order. The new completion date shall be set to August 31, 2019.

ATTACHMENTS: Cost Estimate from SEC and revised plans

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:		
Original Contract Price	Original Contract Time		
\$ 298,216.60	120 Days		
Previous Change Orders	Net change from previous Change Orders		
\$ 0.00	248 Days		
Contract Price prior to this Change Order	Contract Time prior to this Change Order		
\$ 298,216.60	368 Days		

Net increase/decrease of this Change Order	Net Increase/decrease of this Change Order		
\$ 147,907.00	212 Days		
Contract Price with all approved Change Orders	Contract Time with all approved Change Orders		
\$ 446,123.60	580 Days		

**RECOMMENDED:** 

By \_\_\_\_\_CRAIG A. SMITH & ASSOCIATES

ACCEPTED:

By \_\_\_\_\_CONTRACTOR

APPROVED:

By\_\_\_\_OWNER

**END OF SECTION** 



# City of Margate Lift Station 21 Renovation

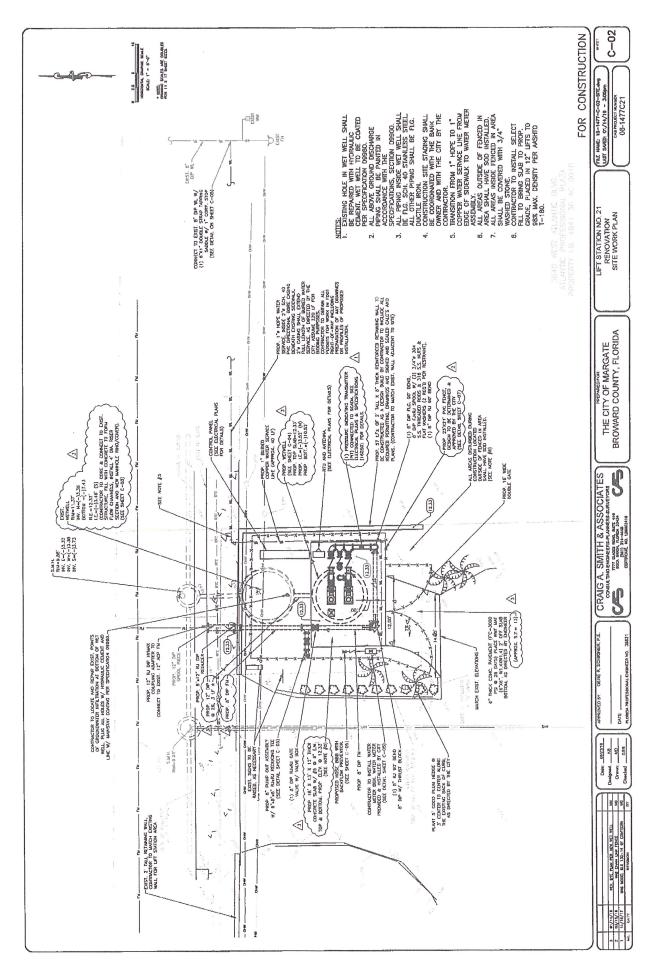
Bid No. 2018-002

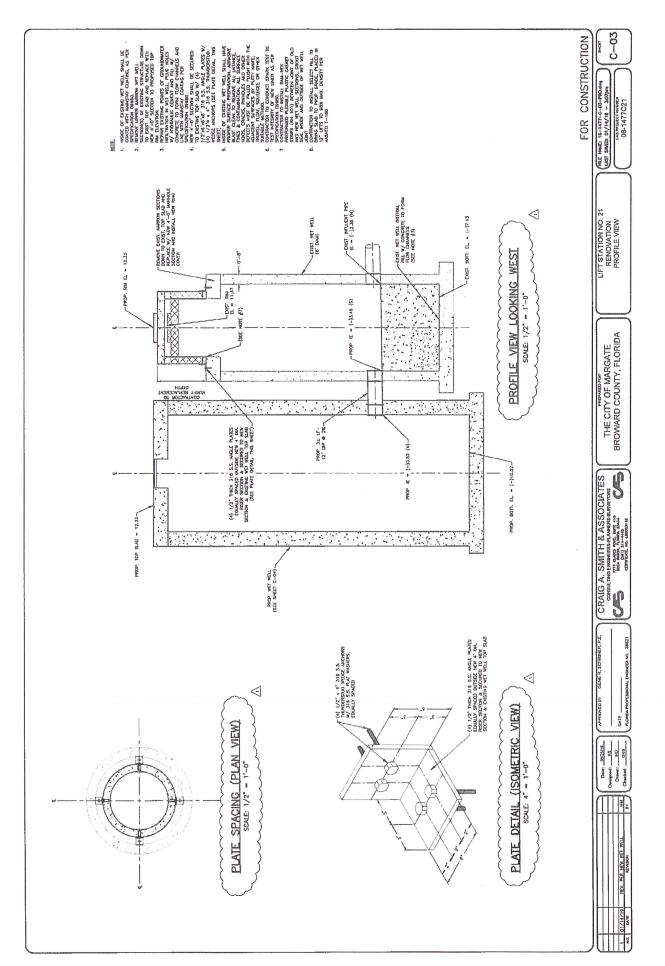
Change Order: New Wet Well

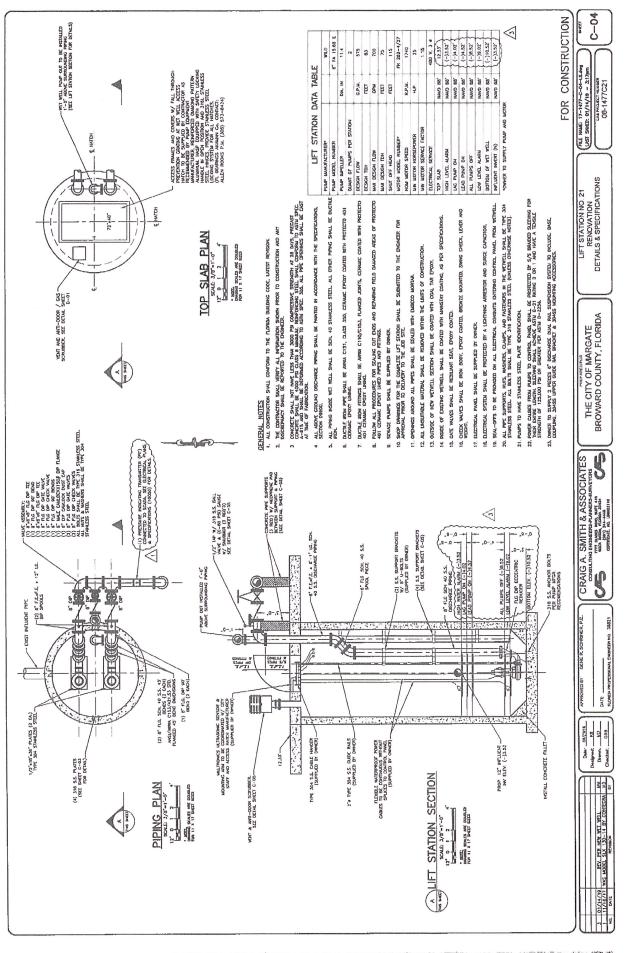
1/30/2019

Total \$ 147,907.00

Item 1	<b>Description</b> Proposed Wetwell (22.85-ft deep, 8-ft dia.)	Qty 1	<b>Unit</b> LS	<b>Price</b> 132,820.00	<b>Total</b> 132,820.00
2	Additional demo to existing dry well, as necessary	1	LS	5,260.00	5,260.00
3	Extend 8-inch DIP FM	13	ᄕ	148.00	1,924.00
4	Proposed +/- 3-LF 12-inch DIP gravity sewer (Inflow pipe)	5	LF	294.00	1,470.00
5	Modify exist. Structure, Fill and Form Flow Channels	1	LS	3,380.00	3,380.00
6	Replace ring and cover and set at new elevation (12.33')	1	LS	2,715.00	2,715.00
7	Extend 1-inch copper water service	13	ᄕ	26.00	338.00
8	Electrical Service	1	LS	0.00	0.00
9	Contingency Unit Price Item.  Misc. Asphalt associated with this C.O., as necessary	1	SY	35.00	







#### CITY OF MARGATE, FLORIDA

### RESOLUTION NO. 17-154

A RESOLUTION OF THE CITY OF MARGATE, FLORIDA, APPROVING AWARD OF BID NO. 2018-002 - LIFT STATION NO. 21 RENOVATION, TO SOUTHEASTERN ENGINEERING CONTRACTORS, INC., IN AN AMOUNT NOT TO EXCEED \$298,216.60; PROVIDING FOR EFFECTIVE DATE.

BE IS RESOLVED BY THE CITY COMMISSION OF THE CITY OF MARGATE, FLORIDA:

SECTION 1: That the City Commission of the City of Margate, Florida, approves award of Bid No. 2018-002 - Lift Station No. 21 Renovation, to Southeastern Engineering Contractors, Inc., in an amount not to exceed \$298,216.60.

<u>SECTION 2</u>: That the Mayor and City Manager are authorized and directed to execute a contract for the above, or the administration is authorized to issue a purchase order to implement same.

**SECTION 3**: That this Resolution shall become effective immediately upon its passage.

PASSED, ADOPTED AND APPROVED THIS 13TH day of DECEMBER, 2017.

ATTEST:

Joseph J. Kavanagh

CTTY CLERK

MAYOR ARLENE R. SCHWARTZ

#### RECORD OF VOTE

Peerman	YES
Simone	YES
Ruzzano	YES
Caggiano	YES
Schwartz	YES