



# City of Galveston

## CAPITAL PROJECTS STAFF REPORT

**Date** January 27, 2022

**To:** Brian Maxwell, City Manager  
Honorable Mayor and City Council Members

**From:** Robert L. Winiecke, P.E., CFM, Director of Infrastructure & Engineering

**Project Location:** Airport Pump Station

**Project:** Airport Water Plant Expansion

### Request:

Consider approval of Change Order #5 to the contract with Wharton-Smith, Inc. for construction of the Airport Water Plant Expansion, increasing the contract by \$20,773.80 from the amount of \$9,432,919.13 to the amount of \$9,453,692.93. Authorizing the City Manager to execute all necessary documents upon final approval by the City Attorney.

### Prior Council Action

- A. Council awarded Wharton-Smith Inc. a contract for the construction of the Airport Pump Station and Water Tank on March 24, 2020, in the amount of \$8,668,931.00
- B. Council approved Change Order #1 to the contract with Wharton-Smith Inc. on November 12, 2020, in the amount of \$36,390.96.
- C. Council approved Change Order #2 to the contract with Wharton-Smith Inc. on January 28, 2021 in the amount of \$15,439.54.
- D. Council approved Change Order #3 to the contract with Wharton-Smith Inc. on August 26, 2021 in the amount of \$693,410.17.
- E. Council approved Change Order #4 to the contract with Wharton-Smith Inc. on October 28, 2021 in the amount of \$18,747.46.

### Background

- A. The replacement of and/or repairs to certain sections of the existing chain link perimeter fencing are needed to complete the site restoration and maintain adequate site security of the plant.
- B. The proposed meter vault was designed to be outside of the dirt fill area where the pump station is located. Due to conflicts with existing facilities onsite encountered during construction, the meter vault was moved closer to the pump station to avoid these conflicts. The revised location places the meter vault at the toe of the fill slope and requires the





# City of Galveston

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construction of concrete wing walls to prevent erosion of the fill slope as well as to direct rainfall runoff around the vault.

### Fiscal Impact Report

<b>Funding Source</b>	<b>Amount</b>
2019 Water COs (Original Award)	\$8,668,931.00
2019 Water COs (Change Order 1)	\$36,390.96
2019 Water COs (Change Order 2)	\$15,439.54
2019 Water/Sewer COs (Change Order 3)	\$693,410.17
2019 Water/Sewer COs (Change Order 4)	\$18,747.46
2019 Water/Sewer COs (Change Order 5)	\$20,773.80
TOTAL	\$9,453,692.93

### Alternatives

- A. Approve change order #5 to the contract with Wharton-Smith Inc. for a total increase of \$20,773.80 for repairs/replacement of the existing chain link fence and the addition of wingwalls to the meter vault.
- B. Do not approve the change order.

### Staff Recommendation

Approve change order #5 to the contract with Wharton-Smith Inc. for the Airport Water Plant Expansion project in the amount of \$20,773.80 for a total contract amount of \$9,453,692.93.

### Attachments

Change Order #5 Form  
EOR Recommendation





# City of Galveston

## Airport Water Plant Expansion

### Contract Change Order Number 5

Engineer Address: 3100 West Alabama Houston, TX 77098  Phone No.: 713-520-9570	Owner Address: 823 Rosenberg Galveston, TX 77550  Phone No.: 409-797-3630	Contractor Address: 12440 Emily Ct., #302 Sugar Land, TX 77478  Phone No.: 225-754-0550 NTP Date: 7/8/2020
<u>Change in Contract Price</u>		<u>Change in Contract Time (Calendar Days)</u>
Original Contract Price: \$ 8,668,931.00		Original Contract Time: 395 days
Previous Change Order(s): No. 1 to No. 4 \$ 763,988.13		Net Change From Previous Change Orders: 206 days
Contract Price Prior to this Change Order: \$ 9,432,919.13		Contract Time Prior to this Change Order: 601 days
Net Increase/Decrease of this Change Order: \$ 20,773.80		Net Increase/Decrease of this Change Order: 61 days
Contract Price With all Approved Change Orders: \$ 9,453,692.93		Contract Time With all Change Orders: 662 days
Cumulative Percent Change in Contract Price (+/-): 9.05%		Construction Contract End Date: (mm/dd/yy) 05/01/22

ENGINEER  
RECOMMENDED:

By: *Tyson Arnold*  
DEC

OWNER  
APPROVED:

By: \_\_\_\_\_  
CITY OF GALVESTON

CONTRACTOR  
ACCEPTED:

By: *Scott F. Guerin*  
WHARTON SMITH, INC.

Date: 1/14/22

Date: \_\_\_\_\_

Date: 1/14/22

**NOTE:** A cumulative change in the contract price in excess of 25% cannot be reviewed.





DE Corp.  
3100 West Alabama, Houston, TX 77098  
P.O. BOX 22292 Houston, Texas 77227  
(713) 520-9570

January 14, 2022

City of Galveston  
Public Works Department  
3015 Market St.  
Galveston, TX 77550

Attn: Ms. Trina Jankowski, Construction Division Manager

RE: City of Galveston  
Airport Water Plant Expansion  
Change Order No. 5

Dear Ms. Jankowski:

DEC has reviewed Change Order No. 5 for the Airport Water Plant Expansion and recommends approval of the construction contract changes.

The overall result for this change order is to increase the contract amount by \$20,773.80. These costs include changes to the following items of the Schedule of Values:

- New Item No. 61 – Add 1 LS, Fence Repair/Replacement @ \$10,687.79/LS
- New Item No. 62 – Add 1 LS, Meter Vault Wingwalls @ \$10,086.01/LS

The above listed item is a result of Change Proposal (CP) No. 16 and 17 and is described below:

Change Proposal (CP) No. 16 is a request for additional money to repair or replace approximately 386 LF of chain link fence. The proposal was submitted in response to Engineering RFI No. 3 which identified sections of the fence that need to be repaired or replaced and do not fall under the contractor's site restoration obligations. All fence replacement/relocation scope was eliminated from the project during the value engineering phase, however, various sections of the fence were already in need of repair or replacement prior to the beginning of the project which is what is included in the proposal. The request is for \$10,687.79 and no additional time. DEC has evaluated the proposal and feels the request for additional money is justified.

Change Proposal (CP) No. 17 is a request for additional money to add wingwalls to the newly installed meter vault on the discharge line of the pump station. The meter vault was designed to be outside of the dirt fill on which the pump station sits, however, during construction due to the location of other utilities it was moved closer to the pump station and is now encroaching on the bottom of the dirt fill. The wingwalls are necessary to support the fill and direct rainwater around the vault. The proposal was submitted in response to Engineering RFI No. 3 which provided the details for the wingwalls and requested a proposal. The request is for \$10,086.01 and seven (7) additional calendar days. DEC has evaluated the proposal and feels the request for additional time and money is justified.

Change Order No. 5 is attached which modifies the contract to reflect these changes. The associated work is necessary to achieve the originally intended outcome of this Project. A time extension has been included for the time requested plus time lost due to various weather and unforeseen conditions.



DE Corp.  
3100 West Alabama, Houston, TX 77098  
P.O. BOX 22292 Houston, Texas 77227  
(713) 520-9570

Please do not hesitate to contact me with any questions or comments at 713-527-6325.

Sincerely,

A handwritten signature in blue ink that reads 'Tyson Arnold'.

Tyson Arnold, PE  
Project Manager - Public Works Department  
DEC

CC: Trino Pedraza - City of Galveston  
Rob Winiecke - City of Galveston  
Scott Guerin - Wharton Smith

Attachments: Change Order No. 5  
Change Proposal No. 16  
Change Proposal No. 17