



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 9/30/2019

HPW – 20SD137 Accept Work / Industrial TX Corp.

Agenda Item#:

Background:

SUBJECT: Accept Work for East Water Purification Plant – Chemical Feed Systems Improvements Bid Package 2 – Plant 1 and 2 Improvements.

RECOMMENDATION: (SUMMARY) Pass a motion to approve the final Contract Amount of \$10,202,431.17 or 3.16% over the original Contract Amount, accept the Work and authorize final payment.

PROJECT NOTICE/JUSTIFICATION: This project was part of the City's Capital Improvement Program and is required to increase the safety, chemical capacity, reliability, and the efficiency of operations at the East Water Purification Plant.

DESCRIPTION/SCOPE: This project consisted of construction of Improvements to storage and feed systems for: ammonia, sodium hydroxide, lime, powdered activated carbon, hydrofluosilicic acid, flocculant aid polymer, ferric and aluminum sulfate, filter aid polymer feed system; modifications to Plant 1-2 instrumentation and control system, including system programming, and all necessary electrical and instrumentation improvements for the control and application of the improved chemical systems. HDR Engineering, Inc. designed the project with 540 calendar days allowed for construction. The project was awarded to Industrial TX Corp. with an original Contract Amount of \$9,568,995.00 and an additional appropriation of \$320,700.07 for a revised total contract amount of \$9,889,695.07.

LOCATION: This project is located at 2300 Federal Road.

CONTRACT COMPLETION AND COST: The Contractor, Industrial TX Corp., has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 382 days approved by Change Order Nos. 3, 4, 5, 7, and 8. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 1, 2, 4, 5, and 7 is \$10,202,431.17, an increase of \$312,736.10 or 3.16% over the revised Contract Amount and under the 5% contingency amount. The increased cost is a result of the difference between planned and measured quantities.

M/W/SBE PARTICIPATION: The advertised M/WBE contract goal for this project was 20.00%. The M/WBE plan established for this project was 36.44%. According to Office of Business Opportunity, the participation was 34.81%. Contractor's M/WBE performance evaluation was rated Satisfactory.

Carol Ellinger Haddock, P.E., Director
Houston Public Works

WBS No. S-000056-0071-4

Prior Council Action:

Ordinance No. 2016-0395, dated 05-25-2016

Ordinance No. 2018-0733, dated 09-19-2018

Motion No. 2018-0481, dated 09-19-2018

Amount of Funding:

No additional funding required.

Total (original) appropriation of \$10,915,000.00 from Fund No. 8500 - Water and Sewer System Consolidated Construction Fund.

Contact Information:

R. Jeff Masek, P.E., CCM

Assistant Director, Capital Projects

Phone: (832) 395-2387

ATTACHMENTS:

Description

Maps

OBO

Affidavit of Ownership and Tax Report

Prior Council Action

Change Orders 1 - 8

Final Estimate

Type

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material