



**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date:

District E

Item Creation Date: 9/30/2024

HPW – 20FAC2521 Accept Work / Industrial TX Corporation

Agenda Item#:

**Background:**

**SUBJECT:** Accept Work for Southeast Water Purification Plant (SEWPP) Treatment Modules Rehabilitation, Transfer Pump Station Improvements and Electrical Substation Upgrades.

**RECOMMENDATION:** (SUMMARY) Pass a motion to approve the final Contract Amount of \$19,851,956.61 or 0.06% over the revised Contract Amount, accept the Work and authorize final payment.

**PROJECT NOTICE/JUSTIFICATION:** This project was part of the City's Capital Improvement Program to improve operability, maintainability and reliability for Southeast Water Purification Plant and to comply with the Texas Commission on Environmental Quality and Surface Water Treatment Rule mandated by the United States Environmental Protection Agency and to meet existing and future water demand requirements.

**DESCRIPTION/SCOPE:** This project consisted of 1. Relocating Treatment Module Number 1 Transfer Pump Station and the Electrical Distribution Building Switchgears into a new electrical building, 2. Upgrading Treatment Module Number 1 Programmable Logic Controllers and software, 3. Addition of a new raw sludge thickener, and a new basin drain pump station at Treatment Module Number 2, 4. Replacing High service pumping station of switchgears with new synchronous motor controllers, 5. Bypass modification for sedimentation basin drain piping for Treatment Module Number 2, 6. Replacing Substation Transformer, 7. Providing electronically completed Technical Asset Data forms, and 8. Sludge dredging of the Process Overflow Basin. Brown & Gay Engineers, Inc. designed the project with 600 calendar days allowed for construction. The project was awarded to Industrial TX Corporation with an original Contract Amount of \$13,230,000.00 and an additional appropriation of \$6,609,975.00 for a revised total contract amount of \$19,839,975.00.


**LOCATION:** The project area is generally bound by Genoa Red Bluff Road on the north, Ellington Airport on the south, Space Center Blvd on the east and Farley Road on the west.

**CONTRACT COMPLETION AND COST:** The Contractor, Industrial TX Corporation, has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 1,592 days approved by Change Order Nos. 4, 7, 9, 11, and 14-18. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos. 1-6, 8,10,12,13, and 18 is \$19,851,956.61, a increase of \$11,981.61 or 0.06% over the revised Contract Amount. The increased cost is a result of the difference between planned and measured quantities.

**M/WSBE PARTICIPATION:** The advertised M/WBE contract goals for this project were 13.00% MBE and 7.00% WBE (20.00% total). The M/W/SBE goals approved for this project were 21.19% MBE, 4.43% WBE, and 3.92% SBE (29.54% total). According to the Office of Business Opportunity, the actual participation achieved on this project was 12.34% MBE, 9.95% WBE, and 2.70% SBE (24.99% total). The standard for meeting MWSBE participation goals is the demonstration of Good Faith Efforts. The Contractor's

M/W/SBE performance on this project was rated Satisfactory for the following reasons: The Prime was able to come within 1% of the advertised MBE goal, exceeded the advertised WBE goal while leveraging the SBE policy to exceed the overall MWSBE goal and utilized all goal credit subcontractors to the extent possible. For the reasons listed, the MWSBE performance meets the good faith efforts requirements mandated by the City's MWSBE Program.

DocuSigned by:

 11/1/2024  
BE463EF0DF454EB...

Randall V. Macchi, Chief Operating Officer  
Houston Public Works

WBS No. S-000012-0030-4

**Prior Council Action:**

Ordinance No. 2017-0698, dated 09-13-2017  
Ordinance No. 2019-0546, dated 07-17-2019

**Amount and Source of Funding:**

No additional funding required.

Original (previous) appropriation of \$14,993,000.00 from Fund 8500 - Water and Sewer System Consolidated Construction Fund

Subsequent additional appropriation of \$7,776,264.55 from Fund 8500 - Water and Sewer System Consolidated Construction Fund

**Contact Information:**

<b>Name</b>	<b>Service Line</b>	<b>Contact No.</b>
Roberto Medina, Interim Chief of Staff	DO-HPW Government Relations	832.395.2456
Maria Perez, HPW Agenda Coordinator	DO-HPW Government Relations	832.395.2282
Markos E. Mengesha, P.E., CCM, Assistant Director	HPW- Capital Projects	832.395.2365

**ATTACHMENTS:**

**Description**

**Type**

Maps

Backup Material

OBO docs

Backup Material

Prior Council Action

Backup Material

Ownership Information Form & Tax Report

Backup Material

Change Orders

Backup Material

Final Estimate

Backup Material