



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 1/29/2021

HPW – 20SD156 Accept Work / PLW Waterworks, LLC (formerly known as Pepper Lawson Waterworks, LLC)

Agenda Item#:

Background:

SUBJECT: Accept Work for East Water Purification Plant (EWPP) Clearwell Condition Assessment and Replacement of Select Valves and Actuators.

RECOMMENDATION: (SUMMARY) Pass a motion to approve the final Contract Amount of \$6,254,497.63 or 3.12% under 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 was required to increase the safety, reliability and efficiency of operations at the East Water Purification Plant.

DESCRIPTION/SCOPE: This project consisted of construction of a passive overflow system at plants 1 and 2 to accomplish diversion of plant flows from treatment process units to designated on-site detention area during power outage-induced overflow events and the construction of sodium bisulfite system that accomplished chloramine control of overflow discharges. The project also included the expansion of existing on-site storm water detention area, the structural reinforcement of the clearwell, clearwell cleaning (to remove buildup of scale and lost media) and automatic control of existing plant 2 filter effluent discharge valve actuators (to accomplish programmed shut off via on-site generator connection, during power outage due to overflow events). Carollo Engineers, Inc. designed the project with 615 calendar days allowed for construction. The project was awarded to PLW Waterworks, LLC (formerly known as Pepper Lawson Waterworks, LLC) with an original Contract Amount of \$6,455,660.00.

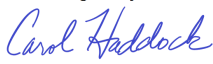
LOCATION: This project was located at 2300 Federal Road.

CONTRACT COMPLETION AND COST: The Contractor, PLW Waterworks, LLC (formerly known as Pepper Lawson Waterworks, LLC), has completed the work under the subject Contract. The project was completed beyond the established completion date with an additional 14 days approved by Change Order Nos. 1 and 2. The final cost of the project, including overrun and underrun of estimated unit price quantities and previously approved Change Order Nos 1 - 9 is \$6,254,497.63, a decrease of \$201,162.37 or 3.12% under the original Contract Amount. The decreased cost is a result of the difference between planned and measured quantities.

M/W/SBE PARTICIPATION:

The advertised M/WBE contract goals for this project were 13% MBE and 7% WBE (20% total). The M/W/SBE goals approved for this project were 12.11% MBE, 5.70% WBE, and 2.41% SBE (20.22% total). According to the Office of Business Opportunity, the actual participation achieved on this project was 6.60% MBE, 8.70% WBE, and 2.69% SBE (17.99% 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 achieved total MBE credit of 9.29% after substituting the allowable 2.69% SBE credit for MBE credit. The record shows that the prime utilized an additional SBE certified firm for 5.92%, in an attempt to meet the MBE goal, and made good faith efforts to utilize all goal credit subcontractors to their maximum capacity. Additionally, the prime met the WBE goal. For the reasons listed, the Contractor's performance meets the intent and spirit of the City's MWSBE program.

DocuSigned by:


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7/23/2021

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

WBS Nos. S-000056-0070-3 and S-000056-0070-4

Prior Council Action:

Ordinance No. 2016-0841, dated 11-09-2016

Amount of Funding:

No additional funding required.

Total (original) appropriation of \$7,702,120.00 from Fund 8500 - Water and Sewer System Consolidated Construction.

Contact Information:

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Assistant Director Capital Projects
Phone: (832) 395-2387

ATTACHMENTS:

Description

Maps
OBO
Ownership Information Form and Tax Report
Prior Council Action
Change Orders 1 - 9
Final Estimate

Type

Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material