



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:
 District C
 Item Creation Date:

20JAI677- First amendment to the Professional Engineering Services Contract between the City and Parsons Water & Infrastructure Inc. for Technical Support of the Extreme Rain Event at the Southwest Wastewater Treatment Plant.

Agenda Item#:

Background:

PROJECT NOTICE/JUSTIFICATION: The purpose of the amendment is to provide technical assistance to Public Works & Engineering in coordination with ARA and the Insurance Providers in conducting a detailed assessment of damages incurred during the May 25-26, 2015 flood event, to include a comprehensive, detailed, and verified cost analysis associated with design and construction, and to determine solutions for rehabilitating the Southwest Wastewater Treatment Plant to its ultimate operating condition. The insurance providers require a higher level of detail that was not included in the original scope of work but is required to maximize the benefit paid out for the Southwest Wastewater Treatment Plant from the disaster recovery claim.

DESCRIPTION/SCOPE: The scope of work is as follows:

- Provide a detailed cost assessment for design and construction in coordination with the Insurance Provider.
- Assist the City of Houston in defining tasks for the testing of electrical equipment using existing service contracts and draft a technical memorandum including all deficiencies discovered for the Insurance Providers
- Demonstrate an existing asset management software currently used by GSD, assist the City of Houston in defining refinements or define alternative software to suit the needs of the Wastewater Operations Branch, and deliver an action plan for the configuration and implementation of the asset management software.

LOCATION: The project is located at 4211 Beechnut. The project is located in Key Map Grid 531R.

PREVIOUS HISTORY AND SCOPE: The original contract which was approved by City Council on December 9th, 2015 under ordinance no. 2015-1256 called for the collection and documentation of all damage to the Southwest Wastewater Treatment Plant incurred during the May 25-26, 2015 flood event. As of 11/03/2016, 88% of the work has been completed. In addition to the original services rendered, the City of Houston requires a complete detailed analysis of the electrical equipment at the plant and a detailed cost assessment for the design and construction required to bring the plant to its ultimate operating condition. The original scope was as follows:

- Analyze and assist in damage evaluation.
- Provide a technical memorandum to document pre and post storm condition of the facility.
- Devise or utilize a tool to capture and deliver alternatives with associated cost to return the facility to pre storm condition.
- Supply documentation and assist in preparing all the necessary forms required to file for insurance and FEMA re-imbusement.

Develop the framework for a Strategic Asset Management plan for Wastewater Treatment Plant.

PAY OR PLAY PROGRAM: The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the contractor provides health benefits to eligible employees, in compliance with City policy.

M/WBE INFORMATION: The M/WBE goal for this contract is set at 24.00%. The original contract approved through Ordinance No. 2015-1256 totals \$257,178.00. The consultant has been paid \$230,178.00 (89.50%) to date. Of this amount, \$56,681.45 (24.62%) has been paid to the M/WBE firms to date. Assuming approval of the first amendment and additional fund allocation, the contract will increase to \$551,698.00 and the consultant has updated their program to achieve the M/WBE goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Additional proposed Commitment</u>	<u>% of total Contract</u>
Paid Prior M/WBE Commitment	Various Services	\$56,681.45	10.27%
Unpaid Prior M/WBE Commitment	Various Services	\$39,423.55	7.15%
Gupta & Associates, Inc.	Electrical Engineering	\$217,872.00	39.49%
Total		\$313,977.00	56.91%

No significant operating impact is anticipated as a result of this project.

Dale A. Rudick, P.E., Director
 Department of Public Works and Engineering

Prior Council Action:

Ordinance No. 2015-1256, dated December 9, 2015

Amount of Funding:

\$294,520.00 – from Fund 8386 2015 Flood Disaster CUS

(Original appropriation of **\$257,178.00** - from Fund 8386 2015 Flood Disaster CUS.)

Contact Information:

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ATTACHMENTS:

Description

maps

form B

prior council action

Form A

tax report

affidavit

Type

Backup Material

Backup Material

Backup Material

Backup Material

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