



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:
District E, District F
Item Creation Date: 2/1/2019

HPW – 20WWO763 Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and Trilogy Engineering Services LLC for Hurricane Harvey Disaster Cost Recovery for Wastewater Lift Stations.

RECOMMENDATION: (SUMMARY) An ordinance approving a Professional Engineering Services Contract with Trilogy Engineering Services LLC and allocate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the Hurricane Harvey Disaster Cost Recovery effort. On August 25th, 2017, Hurricane Harvey inundated the City of Houston with unprecedented rainfall flooding 71 lift stations. Due to the heavy damage caused by the storm, the City of Houston's Wastewater Operations Branch, part of Houston Water and the Houston Public Works, requires professional engineering services to assist the branch in determining repairs/replacements/improvements needed for damaged assets, preparing insurance and FEMA claims, and substantiating those claims. The contract duration for this project is 5 years.

DESCRIPTION/SCOPE: The consultant shall:

1. Conduct a detailed site assessment to inventory all assets and determine their functionality and condition post Hurricane Harvey.
2. Conduct a desktop analysis to determine the pre-condition of assets damaged by Hurricane Harvey and calculate the value lost due to the damage.
3. Determine solutions for bringing assets to pre-Hurricane Harvey condition, optimal operating condition, and optimal with hardening/mitigation improvements and determine the associated costs.
4. Prepare a technical memorandum to include all the information gathered and calculations made as well as recommendations for which solution should be implemented along with documentation to support the recommended solution.
5. Assist Wastewater Operations in submitting Insurance and FEMA claims.

LOCATION: This Project are in council districts E,F.

SCOPE OF CONTRACT AND FEE: Under the scope of the Contract, the Consultant will perform Single-phase Professional Engineering Services. Basic Services Fee for Single Phase is based on a lump sum with a not-to-exceed agreed upon amount. The total Basic Services allocation is \$400,000.00

The total cost of this project is \$400,000.00 to be allocated.

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 benefits for some employees but will pay into the Contractor Responsibility Fund for others, in compliance with City Policy.

M/WBE PARTICIPATION: The M/WBE goal for the project is set at 24%. The Consultant has proposed the following firms to achieve this goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. Brian Smith Construction		\$40,000	10.00%
2. IMS Engineers		\$100,000	25.00%
	TOTAL	\$140,000	35.00%

This project was presented to the Transportation Technology and Infrastructure Committee (TTI) on *November 26th, 2018*.

FISCAL NOTE: No Fiscal Note is required on grant items.



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

WBS No. R-992017-HS07-3

Amount of Funding:

\$400,000.00 - Fund No. 8386 – 2015 Flood Disaster CUS

Contact Information:

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ATTACHMENTS:

Description

Council District Map
Project Location
From B
Affidavit of Ownership
Tax Report
Doc 00452
POP
Form 1295
MWBE Info
TTI Agenda
Draft Contract
Summary and Map for Hurricane Harvey Disaster Coversheets
funding docs

Type

Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Contract/Exhibit
Backup Material
Financial Information