



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 9/6/2023

District J

Item Creation Date: 6/23/2023

HPW - 201DL2304 PES - Entech Civil Engineers, Inc.

Agenda Item#: 22.

Summary:

ORDINANCE appropriating \$2,304,000.00 out of Dedicated Drainage and Street Renewal Capital Fund – Drainage Charge; approving and authorizing Professional Engineering Services Contract between City of Houston and **ENTECH CIVIL ENGINEERS, INC** for Braeburn Glen Area Drainage and Paving Improvements; providing funding for contingencies relating to construction of facilities financed by the Dedicated Drainage and Street Renewal Capital Fund – Drainage Charge

Background:

SUBJECT: Professional Engineering Services Contract between the City and Entech Civil Engineers, Inc. for Braeburn Glen Area Drainage and Paving Improvements.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with Entech Civil Engineers, Inc. for Braeburn Glen Area Drainage and Paving Improvements and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the Capital Improvement Plan & Drainage and Paving program. This program is required to meet and reconstruct the storm drainage to address and reduce the risk of structural flooding.

DESCRIPTION/SCOPE: This project consists of the design of replacement storm sewer pipes, installation of new inlets and manholes alongside the new storm sewers, and completion of associated appurtenances, in order to reduce structural flooding. A detention pond will be constructed to mitigate the impacts on Brays Bayou.

This project has received a competitive grant award from the Texas General Land Office using Community Development Block Grant - Mitigation (CDBG-MIT) 2016 funds, which will be applied towards construction of the project. Additionally, the City has entered into an Interlocal Agreement with Harris County Flood Control District (HCFCD) in which HCFCD is contributing funds towards the construction of the included stormwater detention basin. The total estimated construction cost is \$15,000,000.00.

LOCATION: The project area is generally bound by South Gessner Road & US 59 on the north, Bissonnet Street on the south, South Gessner Road on the east, and US 59 on the west.

SCOPE OF CONTRACT AND FEE: Under the scope of the Contract, the Consultant will perform Phase I - Preliminary Design, Phase II – Final Design, Phase III - Construction Phase Services and Additional Services. Basic Services Fee for Phase I is based on cost of time and materials with not-to-exceed agreed upon amount. The Basic Services fees for Phase II and Phase III are based on a negotiated lump sum amount. The total Basic Services appropriation is \$1,281,270.00.

The Contract also includes certain Additional Services to be paid either as a lump sum or on a reimbursable basis. The total Additional Services appropriation is \$912,097.00.

The negotiated maximum for Phase I Services is \$883,000.00.

The total cost of this project is \$2,304,000.00 to be appropriated as follows: \$2,193,367.00 for Contract services and \$110,633.00 for CIP Cost Recovery.

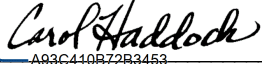
PAY OR PLAY PROGRAM: The proposed contract requires compliance with the City's 'Pay or Play' ordinance regarding health benefits for employees of City contractors. In this case, the Consultant provides health benefits to eligible employees in compliance with City policy.

M/WBE PARTICIPATION: The M/WBE goal for the project is 26%. The Consultant has proposed a 28.35% M/WBE plan to meet the goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. Aviles Engineering Corporation	Geotechnical Engineering Services	\$103,807.00	4.73%
2. B&E Reprographics, Inc.	Reprographics Services	\$ 10,000.00	0.46%
3. Chief Solutions, Inc.	Clean and Video Sewer	\$ 40,754.00	1.86%
4. Isani Consultants, L.	Storm Water Pollution	\$199,050.00	9.08%

	P.	Prevention Plan and Civil Support		
5.	Landtech, Inc., DBA Landtech Consultants, Inc.	Professional Engineering Services	\$179,030.00	8.16%
6.	Progressive Consulting Engineers, PLLC, DBA Progressive Traffic & Transportation	Traffic Control Plan Services	\$ 89,280.00	4.07%
TOTAL			\$621,921.00	28.35%

FISCAL NOTE: No significant Fiscal Operating impact is anticipated as a result of this project.

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 8/31/2023
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 Carol Ellinger Haddock, P.E., Director
 Houston Public Works

WBS No. M-410040-0001-3

Amount and Source of Funding:

\$2,304,000.00
 Dedicated Drainage and Street Renewal Capital Fund - Drainage Charge
 Fund No. 4042

Contact Information:

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 Assistant Director, Capital Projects
 Phone: (832) 395-2291

ATTACHMENTS:

Description	Type
SAP Documents	Financial Information
Maps	Backup Material
Form B	Backup Material
Ownership	Backup Material
Pay or Play	Backup Material
Form 1295	Backup Material
OBO Documents	Backup Material
Signed Coversheet	Signed Cover sheet
Caption	Other