



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ETJ

Item Creation Date: 3/29/2024

HPW – 20FAC2439 PES / Fivengineering, LLC

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and Fivengineering, LLC for Northbelt Wastewater Treatment Plant Improvements and Expansion Project.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with Fivengineering, LLC for Northbelt Wastewater Treatment Plant Improvements and Expansion Project and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the Capital Improvement Plan (CIP) for wastewater treatment plant facilities and is required to provide improvements to ensure regulatory compliance.

The work to be performed under this contract award is necessary to maintain compliance with Houston's wastewater consent decree with the EPA and TCEQ.

DESCRIPTION/SCOPE: This project consists of the design of electrical, mechanical, structural, and processing piping improvements.

LOCATION: This project is located at 14506 Smith Rd, Humble Texas 77396.

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 the cost of time and materials with a 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 \$6,824,193.57.

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 \$2,187,924.50.

The negotiated maximum for Phase I Services is \$765,379.16.

The total cost of this project is \$9,462,700.00 to be appropriated as follows: \$9,012,118.07 for Contract services and \$450,581.93 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 standard M/WBE goal set for the project is 26.00%. The Consultant has proposed a 27.71% 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. Kalluri Group, Inc.	Engineering Services	\$1,097,983.00	12.18%
2. Geotest Engineering, Inc	Engineering Services, Testing laboratories	\$ 112,805.00	1.25%
3. Kuo & Associates, Inc,	Surveying and mapping services	\$ 55,100.00	0.61%
4. RODS Subsurface Utility Engineering, Inc.	Engineering Services	\$ 25,000.00	0.28%
5. B&E Reprographics, Inc.	Reprographic Services	\$ 35,000.00	0.39%
6. Fivengineering, DBA 5engineering	Engineering Services	<u>\$1,170,983.00</u>	<u>13.00%</u>
TOTAL		\$2,496,871.00	27.71%

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

DocuSigned by:



9/27/2024

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Randall V. Maachi, Chief Operating Officer
Houston Public Works

WBS No. R-000265-0161-3

Amount and Source of Funding:

\$9,462,700.00 - Fund No. 8500 – Water and Sewer System Consolidated Construction

Contact Information:

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ATTACHMENTS:

Description

SAP Documents
Maps
OBO Documents
Form B
Ownership Information Form & Tax Report
Pay or Play
Form 1295

Type

Financial Information
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material
Backup Material