



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District A

Item Creation Date: 2/15/2024

HPW – 20FAC2428 PES / Mbroh Engineering, Inc.

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and Mbroh Engineering, Inc. for White Oaks Wastewater Treatment Plant Improvements.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with Mbroh Engineering, Inc. for the White Oaks Wastewater Treatment Plant Improvements 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 and construction of electrical, mechanical, structural, and processing piping improvements across various wastewater treatment facilities throughout the city, it is also required to control operations, and maintenance costs and ensure regulatory compliance.

LOCATION: This project is located at 7103 West Gulf Bank Road, Houston, Texas 77040.

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 \$1,837,369.92.

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 \$500,786.00. The negotiated maximum for Phase I Services is \$354,908.92.

The total cost of this project is \$2,455,063.72 to be appropriated as follows: \$2,338,155.92 for Contract services and \$116,907.80 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 for the project is 26.00%. The Consultant has proposed 26.04% MWBE plan to meet the goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
1. KWH Engineering LLC	Engineering Services	\$ 96,080.00	4.11%
2. WJ International Environmental Services, Inc.	Engineering Consulting Services	\$146,870.00	6.28%
3. EJES Incorporated	Civil Engineering Services	\$ 61,890.00	2.65%
4. Mbroh Engineering, Inc.	Engineering Consulting Services	<u>\$303,960.27</u>	<u>13.00%</u>
	TOTAL	\$608,800.27	26.04%

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

DocuSigned by:

 11/26/2024

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Randall V. Macchi, Director
Houston Public Works

WBS No. R-000265-0158-3

Amount and Source of Funding:

\$2,455,063.72 - Fund No. 8500 – Water and Sewer System Consolidated Construction

Contact Information:

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ATTACHMENTS:

Description

Type

SAP Documents

Financial Information

Maps

Backup Material

OBO Documents

Backup Material

Form B

Backup Material

Ownership Information Form & Tax Report

Backup Material

Pay or Play

Backup Material

Form 1295

Backup Material