



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District E

Item Creation Date: 7/5/2019

HPW – 20EN34 PES / CDM Smith Inc.

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and CDM Smith Inc., for Southeast Wastewater Treatment Plant Expansion Package-2.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with CDM Smith Inc., for Southeast Wastewater Treatment Plant Expansion Package-2 and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the City's ongoing program to renew/replace inefficient components of the existing wastewater treatment plant facilities.

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

DESCRIPTION/SCOPE: This project consists of the design of the Southeast Wastewater Treatment Plant Package-2 expansion to 15.14 million gallons per day average annual daily flow and 72.33 million gallons per day 2-hour design peak flow to accept flows from Sagemont WWTP and Easthaven WWTP.

LOCATION: The plant is located at 9610 Kingspoint Road, Houston Texas 77075.

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 total Basic Services appropriation is \$3,218,950.00

The Contract also includes certain Additional Services to be paid either as lump sum or on a reimbursable basis. The total Additional Services appropriation is \$588,627.00

The negotiated maximum for Phase I Services is \$795,154.00

The total cost of this project is \$4,188,335.00 to be appropriated as follows: \$3,807,577.00 for Contract services and \$380,758.00 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 Contractor provides health benefits to eligible employees in compliance with City policy.

M/WBE PARTICIPATION: The M/WBE goal for the project is set at 24.00%. 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. Kalluri Group, Inc.	Electrical Engineering Services	\$360,000.00	9.45%
2. KIT Professionals, Inc.	Professional Engineering Services	\$456,000.00	11.98%
3. ISANI Consultants, L.P.	Professional Engineering Services	\$168,140.00	4.42%
4. Mbroh Engineering, Inc.	Instrumentation and SCADA Engineering Services	\$175,000.00	4.60%
5. HVJ Associates, Inc.	Geotechnical Engineering Services	<u>\$50,000.00</u>	<u>1.31%</u>
	TOTAL	\$1,209,140.00	31.76%

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

DocuSigned by:


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

WBS No. R-000265-0148-3

Amount of Funding:
\$4,188,335.00 - 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 Docs (Vendor Info & Letters of Intent)	Backup Material
Form A (Doc 00452)	Backup Material
Form B - Fair Campaing Ord.	Backup Material
Affidavit of Ownership & Tax Report	Backup Material
Pay or Play (POP 1-3)	Backup Material
Form 1295	Backup Material