

## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:  
District D  
Item Creation Date:

HPW – 20MEM20 PES / HDR Engineering, Inc.

Agenda Item#:

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and HDR Engineering, Inc., for Force Main Flow Diversion from Sagemont Lift Station to Southeast WWTP.

**RECOMMENDATION:** An ordinance approving a Professional Engineering Services Contract with HDR Engineering Inc., for Force Main Flow Diversion from Sagemont Lift Station to Southeast WWTP and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the wastewater facilities consolidation effort by the City and is required to divert wastewater flow from the Sagemont WWTP via dual 24-inch force mains.

**DESCRIPTION/SCOPE:** This project consists of the design and construction of 17,000 linear feet of a single or dual force mains to divert 24.56 mgd flow from the Sagemont Lift Station to the Southeast WWTP.

### **LOCATION:**

<u>Project Name</u>	<u>Location</u>	<u>Key Map Grids</u>	<u>Council District</u>
Force Main from Sagemont LS to Southeast WWTP	Fuqua Street on the north; Grapewood Drive on the south; Sageville Drive on the east; and Kingspoint Road on the west.  Address for Southeast WWTP is 9610 Kingspoint Road, Houston TX 77075 and Sagemont WWTP is 11700 Sagarbor Drive, Houston TX 77089	576S, 576T, 576U, 576W, 576X & 576Y	D

**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 \$1,071,800.00

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 \$794,438.00

The negotiated maximum for Phase I Services is \$304,670.00

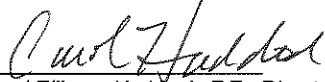
The total cost of this project is \$2,052,863.00 to be appropriated as follows: \$1,866,238.00 for Contract services and \$186,625.00 for CIP Cost Recovery.

**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. Associated Testing Laboratories, Inc.	Environmental Services	\$32,190.00	1.72%
2. Geotest Engineering, Inc.	Geotechnical Services	\$85,358.00	4.57%
3. KIT Professionals, Inc.	Civil Engineering Services	\$272,371.00	14.59%
4. Landtech, Inc., dba Landtech Consultants Inc.	Surveying Services	<u>\$201,025.00</u>	<u>10.77%</u>
<b>TOTAL</b>		<b>\$590,944.00</b>	<b>31.65%</b>

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



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

WBS No. R-000536-0033-3

**Amount of Funding:**

\$2,052,863.00 - Fund No. 8500 – Water and Sewer System Consolidated Construction

**Contact Information:**

R. Jeff Masek, P.E., CCM  
Assistant Director, Capital Projects

Phone: (832) 395-2387

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
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 Campaign Ord.	Backup Material
Affidavit of Ownership & Tax Report	Backup Material
Pay or Play (POP 1-3)	Backup Material
Form 1295	Backup Material