



**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 4/10/19  
District F, District J  
Item Creation Date: 3/13/2018

20EN01 Additional Appropriation / IDS Engineering Group, Inc.

Agenda Item#:

**Background:**

**SUBJECT:** Additional Appropriation to Professional Engineering Services Contract between the City and IDS Engineering Group, Inc., for Lift Station Renewal and Replacement – High Star, Alief Village, WCID #78, Roark #3, Belle Park #2, Belle Park #1 and WCID #94.

**RECOMMENDATION:** Approve an ordinance appropriating additional funds to the Professional Engineering Services Contract with IDS Engineering Group, Inc.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the City's ongoing program to upgrade its wastewater lift station facilities.

**DESCRIPTION/SCOPE:** This project consists of the evaluation and design services to rehabilitate, repair, replace, and/or consolidate various lift stations and related sewer systems.

**LOCATION:**

	Lift Station	Service	Address	Key Map Grid	Council District
1	High Star Lift Station	Replacement	12843½ High Star	528D	F
2	Alief Village Lift Station	Elimination	4237 Amir	529A	F
3	WCID #78 Lift Station	Rehabilitation	4414 Bugle	529F	F
4	Belle Park #2 Lift Station	Elimination	8003 Belle Park Drive	529K	F
5	Belle Park #1 Lift Station	Rehabilitation	7615 Belle Park Drive	529K	F
6	WCID #94 Lift Station	Replacement	7120 Imperial Point	529L	F

**PREVIOUS HISTORY AND SCOPE:** City Council approved the original Contract on April 30, 2014 under Ordinance No.2014-0385. The scope of services under the original contract consisted of Basic Services (Phase I, II and III) and various Additional Services for the preparation of one construction package which included four lift station eliminations by diversion gravity sewer and three lift station rehabilitations.

The original contract consisted of Basic Services (Phase I, II, and II) and various Additional Services.

Under this Contract, the Consultant completed Phase I - Preliminary Design to determine the scope of work for Phase II and III. As per the decision by the Technical Review Committee, the original scope of the project is modified to reflect the findings from Phase I – Preliminary Design which included two lift station replacements, two lift station rehabilitations and two lift station elimination by diversion gravity sewer. Additionally, the project is separated into two construction packages. Additional design funds are required to produce two separate construction packages and to account for the modified scope based on Phase I findings. The packages that were agreed to by the Technical Review Committee and noted in the Record of Decision and Action Items are the following:

1. Package 1 – Replacement of two lift station and rehabilitation of two stations. One Lift station will require an upsized force main and gravity sewer system due to the additional flows provided by the COH's Houston Water – Planning.
2. Package 2 – Elimination by diversion gravity sewer of two lift stations.

Additional funds are needed to provide structural, electrical, traffic control, reprographics and geotechnical services to complete the modified scope of the project

**SCOPE OF THIS ADDITIONAL APPROPRIATION AND FEE:** The requested additional appropriation will accomplish the following tasks: Phase II final design and Phase III Construction Phase Services for Package 1. The amount of \$113,460.00 are budgeted as Basic Services Fee for Phase II and Phase III. Certain other Additional Services are also proposed to be paid as lump sum or on a reimbursable basis. The Additional Services are currently anticipated to include surveying, abstracting, geotechnical investigations, environmental site assessment, traffic control plans, independent cost estimate, preparation of designer's O&M manual and reprographics. The total Additional Services Fee under the additional appropriation is \$184,900.00



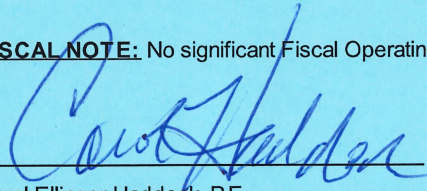
The total requested appropriation is \$343,200.00 to be appropriated as follows: \$298,360.00 for contract services and \$44,840.00 for CIP Cost Recovery.

**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.

**MWBE PARTICIPATION:** The MWBE goal established for this project is 24%. The original Contract amount is \$1,442,500.00. The Consultant has been paid \$295,041.84 (20.45%) to date. Of this amount, \$102,993.53 (34.91%) has been paid to MWBE sub-consultants to date. Assuming approval of the requested additional appropriation, the contract amount will increase to \$ 1,740,860.00. The Consultant proposes the following plan to meet the MWBE goal.

Name of Firms	Work Description	Amount	% of Total Contract
Paid Prior MWBE Commitment		\$102,993.53	5.92%
Unpaid Prior MWBE Commitment		\$238,484.50	13.70%
1. Aviles Engineering Corporation	Geotechnical Services	\$36,111.00	2.07%
2. Aguirre & Fields, L.P.	Structural Services	\$35,000.00	2.01%
3. B&E Reprographics, Inc.	Reprographics Services	\$4,629.00	0.27%
4. Gupta & Associates, Inc.	Electrical/SCADA	\$123,000.00	7.07%
5. SP Engineering, Inc.	Traffic Control Plans	\$24,074.00	1.38%
		\$564,292.03	32.42%

**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-000267-0126-3

**Prior Council Action:**

Ordinance 2014-0385, dated April 30, 2014

**Amount of Funding:**

\$343,200.00 from Fund No. 8500 - Water and Sewer System Consolidated Construction Fund.

Original (previous) appropriation of \$1,658,900.00 from Fund No. 8500 – Water and Sewer System Consolidated Construction Fund.

**Contact Information:**

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**ATTACHMENTS:**

Description	Type
Maps	Backup Material
OBO (Vendor Info Sheets, Letters of Intent & MWBE Participation Schedule)	Backup Material
Form B	Backup Material
Affidavit of Ownership	Backup Material
Tax Report	Backup Material
Play or Play (POP 1-3)	Backup Material
Form 1295	Backup Material
Prior Council Action	Backup Material
SAP Documents	Financial Information