



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:  
District E, District I  
Item Creation Date: 5/23/2018

20MEM01 Additional Appropriation / Arcadis U.S., Inc.

Agenda Item#:

### **Background:**

**SUBJECT:** Additional Appropriation to Professional Engineering Services Contract between the City and Arcadis U.S., Inc. for Pump and Lift Station Renewal and Replacement – Howard Drive, Easthaven, Gulfway and Gulf Freeway #2.

**RECOMMENDATION:** Approve an ordinance appropriating additional funds to the Professional Engineering Services Contract with Arcadis U.S., Inc.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the City's ongoing Lift Station Renewal and Replacement Program.

**DESCRIPTION/SCOPE:** This project consists of rehabilitation of two lift stations (Easthaven and Gulf Freeway #2 Lift Station) and abandonment of two lift stations (Howard Drive and Gulfway Lift Station).

**LOCATION:** These projects are located in the following Key Map Grids:

Name	Address	Work Type	Key Map	Council District
Gulfway Lift Station	14026 Highway 3	Abandonment	617H	E
Gulf Freeway #2 Lift Station	8209 Gulf Freeway	Rehabilitation	535T	I
Howard Drive Lift Station	8513 ½ Howard Drive	Abandonment	535R	I
Easthaven Lift Station	9947 Easthaven	Rehabilitation	575R	I

**PREVIOUS HISTORY AND SCOPE:** City Council approved the original contract with Arcadis U.S. Inc. on August 17, 2011 under Ordinance 2011-0717 for the professional engineering services contract for this Pump and Lift Station Renewal and Replacement project. The scope of services under the original contract consisted of Basic Services Phase I – Preliminary Design, Phase II – Final Design, and Phase III – Construction Phase Services and various Additional Services.

An additional appropriation was approved on December 19, 2017 under Ordinance 2017-1002 for the Phase III Engineering Services costs associated with Change Order No. 2 for Lift Station Renewal and Replacement Consolidation of Post Oak, Stablewood and Buckingham Lift Stations.

During construction phase of the Gulfway Lift Station, the project encountered unforeseen conflicts between gas pipelines and the proposed gravity line necessary for the abandonment of the Gulfway Lift Station. The design engineer conducted additional research, furnished design alternatives to address conflicts, and provided additional Phase III Services beyond the original contract duration for Construction Phase Services.

The Consultant has completed the Preliminary Design Phase I, Final Design Phase II and is currently working on Construction Phase III Services.

This additional appropriation is required for completed work associated with Gulfway Lift Station.

**SCOPE OF THIS ADDITIONAL APPROPRIATION AND FEE:** The requested additional appropriation will accomplish Phase III Construction Phases Services. The amount of \$176,940.00 is budgeted for Basic Services.


The total requested appropriation is \$203,481.00 to be appropriated as follows: \$176,940.00 for contract services and \$26,541.00 for CIP Cost Recovery.

**PAY OR PLAY:** 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 has elected to pay into the Contractor Responsibility Fund in compliance with City policy.

**M/WBE PARTICIPATION:** The M/WBE goal established for this project is 24%. The original Contract amount and subsequent appropriations totals \$1,546,981.00. The Consultant has been paid \$1,453,883.33 (93.98%) to date. Of this amount, \$559,216.17 (38.46%) has been paid to M/WBE sub-consultants to date. Assuming approval of the requested additional appropriation, the Contract amount will increase to \$1,723,921.00. The M/WBE goal has been previously met.

Name of Firms	Work Description	Amount	% of Contract
Paid Prior M/WBE Commitment	Various Services	\$559,261.21	32.44%
Unpaid Prior M/WBE Commitment	Various Services	\$155,616.40	9.03%
	TOTAL	\$714,877.61	41.47%

**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-000267-0102-3

**Prior Council Action:**

Ordinance 2011-0717, Dated 08-17-2011  
 Ordinance 2017-1002, Dated 12-19-2017

**Amount of Funding:**

\$203,481.00 from Fund No. 8500 – Water and Sewer System Consolidated Construction Fund

Original (previous) appropriation of \$1,679,714.00 and subsequent additional appropriations \$86,360.00 from Fund No. 8500 – Water and Sewer System Consolidated Construction Fund

**Contact Information:**

R. Jeff Masek, P.E., CCM  
 Assistant Director, Capital Projects  
 (832) 395-2387

**ATTACHMENTS:**

Description	Type
Maps	Backup Material
OBO Docs (Schedule of MWDBE Participation)	Backup Material
Form B	Backup Material
Affidavit of Ownership (00455)	Backup Material
Tax Report	Backup Material
Pay or Play (POP 1-3)	Backup Material
Form 1295	Backup Material
Prior Council Action	Backup Material