



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:
District B, District C, District D, District G
Item Creation Date: 5/17/2019

HPW – 20VNP26 PES / BGE, Inc.

Agenda Item#:

Background:

SUBJECT: Professional Engineering Services Contract between the City and BGE, Inc., associated with the Surface Water Transmission Program.

RECOMMENDATION: An ordinance approving a Professional Engineering Services Contract with BGE, Inc., associated with the Surface Water Transmission Program and appropriate funds.

PROJECT NOTICE/JUSTIFICATION: This project is part of the Surface Water Transmission Infrastructure Capital Improvement Program. The Surface Water Transmission Program provides professional engineering services to assist the City of Houston (City) in meeting the current and future system demands and technical support to City staff on various elements of the transmission system.

DESCRIPTION/SCOPE: This project consists of the appropriation to fund a number of specific tasks to maximize the City's use of available surface water. These tasks include various engineering services for the construction of new infrastructure, and rehabilitation of existing infrastructure. The net result of these efforts will improve water system reliability and operational efficiencies stemming from the consolidation of groundwater pump station facilities.

LOCATION:

Project Name	Location	Key Map Grid	Council District
Kirby Drive to Southwest Pump Section Transmission Line	Bounded by Greenbriar Dr. to east W. Alabama St. to north, New Castle St. on the west, Westpark Dr. to the south.	491Z, 492S, T, U and W.	C G
Fuqua Extension Transmission Line	48-inch along Almeda Genoa Rd. heading west to Martindale Rd, along E. Orem Dr. to 288. 24-inch along Cullen Blvd. between E. Orem Dr. to the south and 610 to the north.	533V and Z. 573D, H, J, K, L, M and R. 574N, P, Q and R. 575N.	D
I-45 Acres Homes Pump Station Transmission Line	Along N. Victor Dr. to south heading north along Ella Blvd. to Fallbrook Rd. to the north.	372U, and Y. 412C, D, F, G, K, P, S and T.	B
GRP Group A, Segment 1 Transmission Line	Hirsch Rd. to Northwood Forest Dr. along Winfield, IH69/US59 and Aklde Mail.	414G, H, L, and M.	B
GRP Group C, Segment 1 Transmission Line	Greenspoint Dr. to E. Richey Rd. along Greens Rd. and IH45.	372C, G, L, Q, and R. 332U and Y.	B

SCOPE OF CONTRACT AND FEE: Under the scope of the Contract, the Consultant will provide new infrastructure support that includes preliminary engineering and technical advisory services for water transmission lines and appurtenances necessary to meet regulatory requirements. Rehabilitation support includes evaluating the condition and designing solution to assist the City in extending the useful life of critical transmission lines. The total Basic Services appropriation is \$6,142,200.00

The Contract also includes certain Additional Services. The total Additional Services appropriation is \$7,904,587.00

The negotiated maximum for Phase I Services is \$4,378,011.00

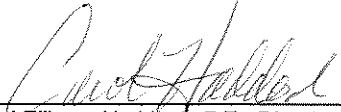
The total cost of this project is \$15,451,500.00 to be appropriated as follows: \$14,046,787.00 for Contract services and \$1,404,713.00 for CIP Cost Recovery.

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 50.00%. 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. Rods Surveying, Inc.	Survey	\$280,936.00	2.00%
2. RODS Subsurface Utility Engineering, Inc.	Subsurface Utility Survey	\$280,936.00	2.00%
3. IMS Engineers, Inc.	Civil Engineering	\$1,123,743.00	8.00%
4. Isani Consultants, L.P.	Civil Engineering	\$2,809,358.00	20.00%
5. Sowell's Consulting Engineers, LLC	Civil Engineering	\$1,404,679.00	10.00%
6. SES Horizon Consulting Engineers, Inc.	Civil Engineering	<u>\$1,123,743.00</u>	<u>8.00%</u>
TOTAL		\$7,023,395.00	50.00%

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 Number. S-000900-0309-3

Amount of Funding:

\$15,451,500.00 - 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 Documents (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