



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District B

Item Creation Date: 7/13/2020

HPW – 20VNP73 Addn'l Approp / Lockwood, Andrews & Newnam, Inc.

Agenda Item#:

Background:

SUBJECT: Additional Appropriation to Professional Engineering Services Contract between the City and Lockwood, Andrews & Newnam, Inc. for the Northeast Transmission Water Line.

RECOMMENDATION: Approve an ordinance de-appropriating funds and appropriate additional funds to the Professional Engineering Services Contract with Lockwood, Andrews & Newnam, Inc.

PROJECT NOTICE/JUSTIFICATION: This project is part of the Surface Water Transmission Program and supports the execution of the Northeast Transmission Line projects from the Northeast Water Purification Plant to the Water Authorities take-points for the Infrastructure Capital Improvement Plan. This program is required to assist the City in meeting the current and future system demands, and provide technical support on various elements of the transmission system.

DESCRIPTION/SCOPE: This project will fund various professional engineering services for the construction of the Northeast Transmission Water Line projects, ranging in diameter from 66-inch to 108-inch water line. These tasks include construction of new infrastructure, design for water transmission lines, and appurtenances necessary to meet regulatory requirements. The net result of these efforts will improve water system reliability and operational efficiencies stemming from the consolidation of groundwater pump station facilities and improvements at the Northeast Water Purification Plant.

LOCATION:

Project Name	Location	Council District
Clearing and Grubbing Work Order for Northeast Transmission Water Lines	Along NETL alignment	B
108-inch Water Line along City Easements from Union Pacific Railroad to John Ralston Road	Along City Easements from Union Pacific Railroad to John Ralston Road	B
108-inch Water Line along City Easements from John Ralston Road to Bellow Falls Lane	Along City Easements from John Ralston Road to Bellow Fall Lane	B
108-inch Water Line along City Easements from Milner Road to Aldine Westfield Road	Along City Easements from Milner Road to Aldine Westfield Road	B
108-inch Water Line along City Easements from Vickery Drive to Milner Road	Along City Easements from Vickery Drive to Milner Road	B
108-inch Water Line along City Easements from Aldine Westfield Road to Willis Street	Along City Easements from Aldine Westfield Road to Willis Street	B
66-inch Water Line Interconnection along W Hardy Road from Beltway 8 to Greens Road	Along W Hardy Rd from Beltway 8 to Greens Road	B
108-inch Water Line along City Easements from Willis Street to Imperial Valley Drive	Along City Easements from Willis Street to Imperial Valley Drive	B
108-inch Water Line along City Easements from Imperial Valley Drive to Green Plaza Drive	Along City Easements from Imperial Valley Drive to Green Plaza Drive	B

PREVIOUS HISTORY AND SCOPE: City Council approved the original Contract on November 9, 2016 under Ordinance No. 2016-0857. The scope of services under the Original Contract consisted of phase II – final design, phase III – construction services, public meetings, surveying, geotechnical investigations, phases I and II environmental services, traffic control, surge analysis, real estate assistance and project management. Under this contract, the Consultant has completed phase I - preliminary design, phase II - final design services and additional services. On November 4, 2015 by Ordinance Numbers 2015-1073, 2015-1074, 2015-1075, 2015-1076, 2015-1077 and 2015-1078 City Council approved a Third and Fourth Supplement to the Water Supply Contract. The Third Supplement consisted of an inclusion of North Fort Bend Water Authority, Central Harris County Regional Water Authority, North Harris County Regional Water Authority and West Harris County Regional Water Authority. The Fourth Supplement to the Water Supply Contract with the Authorities allowed cost sharing of the design and construction of water transmission lines from Houston's Northeast Water Purification Plant to these Water Authorities' transmission and distribution systems. On August 9, 2017 by Ordinance Number 2017-0596 City Council approved an Amendment. Under this Amendment, the Consultant has completed phase II final design and additional services including public meetings, surveying, geotechnical investigations, phases I and II environmental services, traffic control, surge analysis, and real estate assistance

SCOPE OF THIS ADDITIONAL APPROPRIATION AND FEE: The requested additional appropriated funds will be a collection of the balance funds from completed projects within the Original Contract and will be redistributed among the on-going projects in the Amendment. The original funding for construction phase engineering services was a projected estimate during the preliminary planning stage and as the final design stage is completed, there is a clear estimate of the level of effort required to support the projects through the construction phase. This additional appropriation will fund the difference to complete the remaining engineering professional services. A fee of \$2,220,000.00 is budgeted for Basic Services. The total requested appropriation after the redistribution of funds is \$900,000.00 for contract services.

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 established for this project is 24.00%. The original Contract amount and subsequent appropriations totals \$27,772,000.00. Of the total contract amount, the Consultant has been paid \$22,006,628.00 (79.24) % to date. Of the amount paid to the Consultant, \$10,568,877.36 (48.03) % has been paid to M/WBE sub-consultants to date. Assuming approval of the requested additional appropriation, the contract amount will increase to \$28,672,000.00. The Consultant proposes the following plan

to meet the MWBE goal.

<u>Name of Firms</u>	<u>Work Description</u>	<u>Amount</u>	<u>% of Total Contract</u>
Paid Prior M/WBE Commitment		\$10,568,877.36	36.86%
Unpaid Prior M/WBE Commitment		\$947,744.90	3.31%
1.Nathelyne A. Kennedy & Associates, L.P.	Engineering Support	<u>\$300,000.00</u>	<u>1.05%</u>
TOTAL		\$11,816,622.26	41.21%

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

DocuSigned by:

 9/10/2020
 A93C410B72B3453...

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

WBS No. S-000900-0300-3

Prior Council Action:

- Ordinance No. 2015-1073, dated 11-04-2015
- Ordinance No. 2015-1074, dated 11-04-2015
- Ordinance No. 2015-1075, dated 11-04-2015
- Ordinance No. 2015-1076, dated 11-04-2015
- Ordinance No. 2015-1077, dated 11-04-2015
- Ordinance No. 2015-1078, dated 11-04-2015
- Ordinance No. 2016-0857, dated 11-09-2016
- Ordinance No. 2017-0596, dated 08-09-2017

Amount of Funding:

\$900,000.00 Total Cost (difference in Funds between de-appropriation and appropriation: \$515,970.00 and \$384,030.00)

De-appropriating the sum of \$756,756.00 out of 8507 Water Authorities Capital Contribution Fund NETL and appropriate the sum of \$1,272,726.00 out of Fund 8507 Water Authorities Capital Contribution Fund NETL

De-appropriating the sum of \$563,244.00 out of 8508 PWE-NETL Construction Fund, transfer \$384,030.00 from Fund No. 8426 - NETL Expansion-Swift Fund into 8508 - HPW-NETL Construction Fund and appropriate the sum of \$947,274.00 from Fund No. 8508 - HPW-NETL Construction Fund.

Original (previous) appropriations of \$18,778,089.55 from Fund No. 8507 Water Authorities Capital Contributions Fund NETL and \$13,159,710.45 from Fund No. 8508 - PWE-NETL Construction Fund.

Contact Information:

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

ATTACHMENTS:

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