



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

District B

Item Creation Date: 10/28/2020

HPW – 20MEM40 PES / Lockwood, Andrews & Newnam, Inc.

Agenda Item#:

### **Background:**

**SUBJECT:** Professional Engineering Services Contract between the City and Lockwood, Andrews & Newnam, Inc., for North Corridor Consolidation Package 3.

**RECOMMENDATION:** An ordinance approving a Professional Engineering Services Contract with Lockwood, Andrews & Newnam, Inc., for North Corridor Consolidation Package 3 and appropriate funds.

**PROJECT NOTICE/JUSTIFICATION:** This project is part of the wastewater facilities consolidation effort by the City and consists of providing professional engineering services needed to abandon the Imperial Valley Waste Water Treatment Plant and divert flow to the Northgate Regional Lift Station.

The work to be performed under this contract award is necessary to maintain compliance with Houston's proposed wastewater consent decree with EPA and TCEQ.

**DESCRIPTION/SCOPE:** This project consists of the design of the subject consolidation plan to divert flow from the Imperial Valley 4.0 MGD Waste Water Treatment Plant WTP (to be abandoned) to Northgate Regional Lift Station. The project also includes evaluating the Imperial Valley Waste Water Treatment Plant for closure and the preparation of the Waste Water Treatment Plant Closure Plan for submittal to the Texas Commission on Environmental Quality (TCEQ).

**LOCATION:** The project area is generally bound by Greens Bayou on the north, HCFCD Unit No. P144-01-00 on the south, HCFCD Unit No. P144-00-00 on the east and Greenspoint Road on the west.

**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 \$1,841,108.00

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 \$817,250.00

The negotiated maximum for Phase I Services is \$399,484.00

The total cost of this project is \$2,791,275.90 to be appropriated as follows: \$2,658,358.00 for Contract services and \$132,917.90 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 31.54%. 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 Site Assessments and Geotechnical Engineering Services	\$100,000.00	3.76%
2. ASV Consulting Group, Inc.	Subsurface Underground Engineering (SUE)	\$60,000.00	2.26%
3. B & E Reprographics, Inc.	Document Production & Printing	\$5,000.00	0.19%
4. EJES Incorporated	Design Support	\$532,000.00	20.01%
5. FCM Engineers, PC	CADD/Production	\$30,000.00	1.13%
6. Kuo & Associates, Inc.	Surveying	\$130,000.00	4.89%
7. Zarinkelk Engineering Services, Inc.	Design Support	<u>\$81,800.00</u>	<u>3.08%</u>
<b>TOTAL</b>		<b>\$938,800.00</b>	<b>35.32%</b>

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

DocuSigned by:

*Carol Haddock*

11/20/2020

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

WBS No. R-000536-0030-3

**Amount of Funding:**

\$2,791,275.90 - 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:**

**Description**

Maps

OBO Documents (Vendor Info, Letters of Intent & Non-Construction Participation)

Form B

Ownership Info Form & Tax Report

Pay or Play (POP 1-3)

Form 1295

**Type**

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material

Backup Material