



## Recommendation for Water & Wastewater Commission

<b>Commission Meeting Date:</b>	June 8, 2016
<b>Council Meeting Date:</b>	June 23, 2016
<b>Department:</b>	Public Works
<b>SUBJECT</b>	
Authorize negotiation and execution of amendments to the professional services agreement with <b>LOCKWOOD, ANDREWS and NEWNAM, INC.</b> , for engineering construction phase services for the Spicewood Springs Pump Station Improvements project in the amount of \$202,176, using existing funds and authorizing an additional \$89,165, for a total contract amount not to exceed \$1,704,724.( Districts 10)	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2015-2016 Capital Budget of Austin Water.	
<b>Purchasing Language:</b>	Original contract was awarded through a Qualification Based Selection process.
<b>Prior Council Action:</b>	<p>July 26, 2007- Council approved an authorized negotiation and execution of an amendment to a professional services agreement for engineering services.</p> <p>September 25, 2008- Council approved an authorized negotiation and execution of an amendment to a professional services agreement for engineering services.</p> <p>March 24, 2011- Council approved an authorized negotiation and execution of an amendment to a professional services agreement for engineering services.</p> <p>January 31, 2013- Council approved an authorized negotiation and execution of an amendment to a professional services agreement for engineering services.</p>
<b>For More Information:</b>	Brenda Baker, 512-974-1175; Tiger Davis, 512-972-2205; Denise Avery, 512-972-0104; Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141
<b>Boards and Commission Action:</b>	June 8, 2016- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	This contract will be awarded in compliance with Chapter 2-9B of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program) by meeting the goals with 16.50% MBE participation and 18.00% WBE sub-consultant participation to date.

The Spicewood Springs Pump Station, located at 8100 Spicewood Lane, Austin, TX 78759 was originally built in 1969 with improvements made in 1982 and a second building added in 1986. The Spicewood Springs Pump Station Improvements Project consists of two separate construction packages for electrical and mechanical upgrades in the pump station and transmission main improvements delivering water to the neighborhood.

The electrical system was outdated and has been upgraded to new 4,160-volt gear and motors through the electrical improvements project. At the same time, two new booster pumps with valving were installed in the pump station. LOCKWOOD, ANDREWS and NEWNAM, INC. (LAN) provided professional engineering services for the project. Construction was completed in December 2012.

The transmission main portion of the Spicewood Springs Pump Station Improvements Project consists of approximately 1,740 linear feet of 24-inch water main and appurtenances, including a valve vault and pressure sustaining vault and related valves within and adjacent to the Spicewood Springs Pump Station site. The scope of this project also includes all electrical and instrumentation & controls for pressure monitoring and operation, and necessary traffic control. Completion of this project will create a new pressure zone which will improve water pressure in the Mesa-Greystone service area.

These improvements to Austin's water system will alleviate the increased demand for water and increase the water pressure in this service area. The proposed amendments to the Professional Services Agreement will provide engineering services for construction phase services. Therefore, it is important for this to be approved prior to construction which is anticipated to begin in summer 2016.

There has been public involvement for the surrounding neighborhood.

This project is located within zip code 78759 (District 10) and is managed by the Public Works Department.

LOCKWOOD, ANDREWS and NEWNAM, INC. is located in Austin, TX

#### **AUTHORIZATION HISTORY – PSA Amendment**

<u>AMOUNT</u>	<u>DATE</u>	<u>DESCRIPTION</u>
\$800,000	07/26/2007 (Council)	-- Professional Services Agreement for Preliminary Engineering Report, Design, Construction Documents, Bid and Construction Phase Services
\$450,000	09/25/2008 (Council)	-- Authorization for Additional Design, Bid & Award and Construction Phase Services
\$49,000	11/09/2010 (Total Administrative Authority)	-- Authorization partially used for Supplemental Amendment #7 to complete Construction Phase Services for the electrical improvements
\$228,559	03/24/2011 (Council)	-- Authorization for Additional Design and Construction Phase Services for the transmission main improvements
\$88,000	1/31/2013 (Council)	-- Authorization for Additional Design Phase Services for the transmission main improvements
\$89,165	Proposed (Council)	-- Authorization for Additional Design and Construction Phase Services for the transmission main

	improvements	
\$1,704,724	Total Contract Authorization Amount	
<b>CONTRACT HISTORY</b>		
<b>AMOUNT</b>	<b>DATE</b>	<b>DESCRIPTION</b>
\$291,330	12/13/2007	-- Professional Services Agreement for Preliminary Design Services of the Pump Station improvements
\$2,202	02/13/2008	--SA# 1 under contract # CT08010300728-- for an asbestos containing materials survey and report.
\$423,284	12/01/2008	--SA# 2 --design and bid phase services of the electrical improvements.
\$211,456	04/03/2009	--SA# 3 --design and bid phase services of the transmission main improvements.
\$38,547	07/10/2009	--SA# 4 -- additional design services related to changes necessitated by Austin Energy service requirements.
\$2,095	09/25/2009	--SA# 5 -- additional asbestos material survey services for the roofs of the pump station buildings necessitated by the decision to re-roof these buildings.
\$10,843	02/05/2010	-- SA# 6 -- asbestos and lead abatement consulting services related to the re-roofing of the pump station buildings.
\$315,753	11/09/2010	-- SA# 7 -- construction phase services of the electrical improvements and Programmable Logic Controller programming services.
\$185,203	04/18/2011	-- SA# 8 -- additional design and construction phase services of the transmission mains improvements.
\$48,023	09/27/2011	-- SA# 9 -- additional construction phase services of the electrical improvements.
\$65,692	03/01/2013	-- SA# 10 -- additional design phase services of the transmission mains improvements.
(\$91,880)	Proposed SA #11 under contract # CT 13041600477— Deleted previously construction phase services in the amount of \$162,421 and added professional engineering services for the design and bid phases in the amount of \$70,541 for the transmission mains improvements project	
\$202,176	Proposed SA #12 under contract #CT 13041600477- Additional professional engineering services during construction phase for the transmission mains improvement project	
\$1,704,724	Total Contract Expenditures	
<b><u>M/WBE Summary</u></b>		
Participation goals stated in the approved compliance plan for the agreement were 16.50% MBE and 14.20% WBE. Participation for this amendment:		
NON M/WBE TOTAL – PRIME	\$90,353	44.69%
Lockwood, Andrews, and Newnam, Inc., Austin, TX	\$90,353	44.69%
MBE TOTAL – SUBCONSULTANTS	\$37,967	18.78%

Hispanic American Subtotal	\$13,848	6.85%
(MH) Jose I Guerra, Austin, TX (structural engineering)	\$13,848	6.85%
Native / Asian American Subtotal	\$24,119	11.93%
(MA) Hejl, Lee & Associates, Austin, TX (civil engineering)	\$24,119	11.93%
WBE TOTAL – SUBCONSULTANTS	\$54,916	27.16%
(FW) Harutunian Engineering, Inc., Austin, TX (electrical & instrumentation)	\$54,916	27.16%
NON TOTAL – SUBCONSULTANTS	\$18,940	9.37%
Brierley Associates, Austin, TX (construction phase services)	\$18,940	9.37%

**Overall participation based on contract expenditures as of 2/10/2016 (including this amendment):**

**PRIME:**

33.77% Non M/WBE

**SUBCONSULTANTS:**

0.00% African American; 8.94% Hispanic; 7.50% Native/Asian; 47.50% WBE; and 2.29% Non M/WBE.

**TOTAL:**

0.00% African American; 8.94% Hispanic; 7.50% Native/Asian; 47.50% WBE; and 36.06% Non M/WBE