



**Water & Wastewater Commission  
Review and Recommendation**

<b>Commission Meeting Date:</b>	January 10, 2018
<b>Council Meeting Date:</b>	February 1, 2018
<b>Department:</b>	Purchasing
<b>Client:</b>	Matt Cullen, Rick Harland, and Chris Chen
<b>Agenda Item</b>	
Authorize negotiation and execution of a multi-term contract with <b>Pure Technologies US Inc. D/B/A Wachs Water Services</b> , to provide large diameter water main leak detection and assessment services, for up to five years for a total contract amount not to exceed \$5,000,000.	
<b>Amount and Source of Funding</b>	
Funding in the amount of \$666,666 is available in the Fiscal Year 2017-2018 Operating Budget of Austin Water. Funding for the remaining contract term is contingent upon available funding in future budgets.	
<b>Purchasing Language:</b>	Sole Source
<b>Prior Council Action:</b>	N/A
<b>Boards and Commission Action:</b>	January 10, 2018- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	Sole source contracts are exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established

The contract will provide leak detection and condition assessments of large diameter transmission mains for Austin Water. Pure Technologies US Inc. D/B/A Wachs Water Services will use four proprietary technologies in this process: Smartball® and Sahara® will be used for the identification and location of leaks in large diameter water transmission mains; and P-Wave® and PipeDiver® are used to predict the rate of deterioration of the pipe so that measures can be taken to prevent pipe failures. Locating the leaks will allow Austin Water to avoid water main failures, as well as help reduce the volume of water lost to leaks.

The City executed previous contracts for these services in 2011 and 2015, and since then this technology has allowed Austin Water to locate, excavate and repair leaks in a timely and efficient manner. This technology has been used worldwide in potable water mains, wastewater mains and in oil and petroleum mains. It has been found to be the most accurate technology available to locate very small leaks.

Pure Technologies US Inc. D/B/A Wachs Water Services owns the patents to all four of these technologies and provides this service using these methods and they do not have any authorized service providers for these services.

If the City is unable to secure a contract for large diameter transmission main leak detection, Austin Water could have an increased volume of water lost due to leaks.

<b>Contract Detail</b>				
	<b>Contract Term</b>	<b>Contract Amount</b>	<b>Contract Amendment</b>	<b>Revised Amount</b>
Initial Term	1	\$1,000,000	n/a	n/a
Extension Option 1	1	\$1,000,000	n/a	n/a
Extension Option 2	1	\$1,000,000	n/a	n/a
Extension Option 3	1	\$1,000,000	n/a	n/a
Extension Option 4	1	\$1,000,000	n/a	n/a
<b>TOTAL</b>	<b>5</b>	<b>\$5,000,000</b>	<b>\$-</b>	<b>\$-</b>