

AGENDA



RCA - Purchasing	Austin City Council	Item ID:	5178
Meeting Date:	April 21, 2011		
Department:	Purchasing		
Subject			
Authorize award and execution of a contract with PURE TECHNOLOGIES US, INC., Columbia, MD for leak detection services for the Austin Water Utility in an amount not to exceed \$60,000. Pure Technologies US, Inc. is the sole source provider for these services.			
Amount and Source of Funding			
Funding is available in the Fiscal Year 2010-2011 Operating Budget of the Austin Water Utility.			
Fiscal Note			
There is no unanticipated fiscal impact. A fiscal note is not required.			
Purchasing Language:			
Prior Council Action:			
For More Information:	Sydney Ceder, Sr. Buyer, 974 2035		
Boards and Commission Action:	Recommended by the Water and Wastewater Commission.		
MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9C of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.		
Related Items:			
Additional Backup Information			
<p>This contract will provide leak detection services for the Davis medium service 54" transmission main from the Davis Water Treatment Plant to the reservoir, approximately 3.7 miles, for the Austin Water Utility (AWU). This concrete steel cylinder pipe was originally constructed in 1959 and a recent condition assessment has indicated some moderate breaks of the prestressed wire bands, some of which are located under the Mopac railroad tracks. These services will be performed by Pure Technologies US, Inc. using Smartball® Leak Detection Technology. Smartball® is a free-swimming leak detection tool that is deployed into a fully flowing and operational pipeline and it is propelled by the fluid flow and can survey many miles of pipeline in a single deployment. The Smartball® tool identifies and locates leaks and pockets of trapped gas. This technology is the only acoustic that is free swimming and able to travel through a water main, gas main, force main, oil and petroleum pipelines and traverse through butterfly valves in the distribution system. The alternative to this technology requires the Utility to shut down the pipeline and do a pressure test, or dewater the pipeline and either manually walk the line and note indications of leaks or send a robotic car through the pipe with a closed circuit TV camera to photograph the pipe's interior. These methods are costly and pose a safety issue with AWU employees entering into the pipeline.</p> <p>Pure Technologies US, Inc. is the developer of the Smartball® technology.</p>			