

To: Chairman Arnett and members of the Public Works Commission  
From: Peter Hartz – Water Systems Manager

February 4, 2026

Re: February 10, 2026, Public Works Commission agenda items

**Water Systems:**

Review and take possible action Purchase Subsurface LC-5000 Digital Dual Correlator System from USA Bluebook for a total cost of \$24,225.

Background

The Water Department routinely performs leak detection throughout the water distribution system to identify water main leaks, service line leaks, and other sources of water loss. Accurate leak detection is essential to minimizing non-revenue water, reducing infrastructure damage, and maintaining overall system reliability. The department's existing leak detection equipment is outdated and lacks the accuracy and efficiency of modern digital correlator systems. This can result in increased time spent locating leaks, delayed repairs, and unnecessary water loss. Replacing this equipment will improve leak location accuracy and allow staff to identify and repair leaks within the system more efficiently.

Budget Goal

Our goal was to identify a reliable, modern leak detection system that meets the operational needs of the Water Department while providing the best overall value for the Water Utility. The Subsurface LC-5000 Digital Dual Correlator System meets these requirements and is well-suited for use within the City's water distribution system.

Financial Impact

We obtained three quotes and evaluated each to determine which vendor provided the best value while meeting the department's needs. The Water Department has adequate funds available within the approved Water Utility budget to accommodate this purchase.

Name	Total Cost
USA Bluebook	\$24,225
Core & Main	\$32,500
Ferguson	\$32,500

Recommendation

We recommend that the Subsurface LC-5000 Digital Dual Correlator System be purchased from USA Bluebook for a total cost of \$24,225, as this quote represents the lowest cost for the specified equipment and provides the best value to the Water Utility.

Sincerely,  
Peter Hartz  
Water Systems Manager