

SUBJECT

BOARD RESOLUTION NO. 26-600

Pertaining to Professional Services Agreement Contract No. 5729 with Echologics, LLC to provide leak detection loggers and leak monitoring services.

2026 STRATEGIC PLAN GOALS: Infrastructure Strategy and Performance

The Board and Echologics, LLC are parties to Professional Service Contract No. 5729 dated March 25, 2026, to provide leak detection loggers and leak monitoring services at a cost not to exceed \$118,650. SPRWS conducted a pilot project with 50 Mueller (Echologics LLC dba Echologics) leak detection loggers (Echoshore-DX) from December 2025 to February 2026. These loggers were installed throughout the system on hydrants. The Echoshore-DX use acoustic sensors connected to hydrants that deliver leak alerts to users through a web user interface for repair and maintenance. Echologics provides system monitoring and notification of leak detection nodes. The pilot project allowed SPRWS to assess the ease of installation, reliability of data, quality of reporting, website interface, and customer service. During the pilot project, SPRWS was able to field verify leaks identified by the loggers and confirmed through correlation by the Echologics technicians. The purpose of the leak detection loggers is to identify leaks in the Board's water distribution infrastructure before they surface and to reduce non-revenue water losses. This PSA to purchase the loggers and monitoring services will expire in December 2029.

SPRWS staff have negotiated the scope and cost of the project and the Board's attorney has reviewed and approved as to form.

RECOMMENDATION

Approval