



## Legislation Text

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**File #:** 14-451, **Version:** 1

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### **AUTHORIZATION TO ENTER INTO A PROFESSIONAL SERVICES AGREEMENT WITH STANTEC CONSULTING SERVICES INC. FOR WATERLINE IMPROVEMENTS**

Staff Contact: Craig Johnson, P.E., Director, Water Services

#### **Purpose and Recommended Action**

This is a request for City Council to authorize the City Manager to enter into a professional services agreement with Stantec Consulting Services Inc., in an amount not to exceed \$826,912 for design and construction administration services pertaining to needed distribution waterline improvements.

#### **Background**

The city's water distribution system is a vast network of water mains, distribution lines, service lines, valves and fire hydrants which convey potable water for domestic and fire protection purposes. There are over 994 miles of water lines, including 24,000 valves, 61,000 service lines and 8,400 fire hydrants. Regular maintenance, repair, and improvement are required for optimal operation of this system.

Water Service staff identified seven (7) locations where existing distribution waterlines are in need of replacement due to the excessive maintenance they require and reaching the end of useful life. The locations are citywide and prioritized based on their condition and age. Additionally, several locations were identified in the February 2004 CH2M Hill, Inc. final Water Distribution System Evaluation Report, which recommended a long-term waterline replacement program.

Under this agreement, Stantec will provide design and construction administration services for waterline replacement at several locations throughout the city.

#### **Analysis**

Moving water through the city's distribution system is a key component in ensuring uninterrupted service and reliability. Proactive rehabilitation and replacement efforts minimize maintenance issues, reduce emergency disruptions, and assist with maintaining the integrity of the water distribution system. Prioritized water line replacement is part of an on-going proactive preventive maintenance effort to maintain the operational reliability of the city's water distribution system.

A Request for Proposal was issued in May 2014 by the Engineering Department to provide design and construction phase services for the waterline improvement project. Ten (10) firms submitted qualifications and Stantec Consulting Services Inc., was determined to be the most qualified for this project.

#### **Previous Related Council Action**

On February 26, 2008, Council approved the professional services agreement with Achen Gardner Engineering, LLC for pre-construction services as the Construction Manager at Risk to provide value engineering recommendations for engineering design and construction to replace aging waterlines.

On October 24, 2006, City Council approved the professional services agreements with Brown and Caldwell and Primatech to provide design and construction administration services for pipeline replacement projects.

On July 27, 2004, City Council approved a construction contract to Standard Construction, Inc. for replacement of water distribution line replacements.

On December 2, 2003, City Council approved an amendment to the professional services agreement with Entellus for Phase I of the pipeline replacement project.

On January 28, 2003, City Council approved a professional services agreement with Entellus, Inc. for the design and construction engineering services for Phase I of the pipeline replacement project.

On July 23, 2002, Council approved Phase II of the study by CH2M Hill, Inc. for the continuation of the water distribution system evaluation.

On March 28, 2000, Council approved a Phase I study by CH2M Hill, Inc. to evaluate the condition of the water distribution system and develop an improvement strategy for the City.

#### **Community Benefit/Public Involvement**

The project will enhance the integrity of the water distribution infrastructure, minimize pipeline breakage, reduce service interruptions, and improve water quality.

#### **Budget and Financial Impacts**

Funds are available in the Water Services FY 2014-15 Capital Improvement Plan budget.

<b>Cost</b>	<b>Fund-Department-Account</b>
<b>\$826,912</b>	<b>2400-61013-551200, Water Line Replacement</b>

Capital Expense? Yes

Budgeted? Yes

Requesting Budget or Appropriation Transfer? No

If yes, where will the transfer be taken from?