



Legislation Text

File #: 17-095, **Version:** 1

AUTHORIZATION TO ENTER INTO A CONSTRUCTION MANAGER AT RISK AGREEMENT WITH ACHEN-GARDNER CONSTRUCTION, LLC, FOR CONSTRUCTION PHASE SERVICES FOR WATER LINE REPLACEMENT AT VARIOUS LOCATIONS

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 Construction Manager at Risk (CMAR) agreement with Achen-Gardner Construction, LLC (Achen-Gardner) for construction phase services for phase two (2) waterline replacements and approve the expenditure of funds in an amount not to exceed \$2,766,064.66.

Background

The city's water distribution system is a vast network of water mains, service lines, valves and fire hydrants which foster the conveyance of potable water for domestic and fire protection purposes. There are over 994 miles of water lines, including 24,000 valves, 62,000 service lines and 8,400 fire hydrants.

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, emergency disruptions and assist with maintaining the integrity of the water distribution system. The project is part of an on-going proactive preventive maintenance effort to maintain the operational reliability of the city's water distribution system.

The project is needed to replace aging waterlines that have required excessive maintenance and reached their useful life. Seven (7) locations have been identified city-wide and will be constructed in three (3) phases. Phase one (1) is completed and included four (4) of seven (7) locations. This project, phase two (2), includes two (2) locations: the intersection of 67th Avenue and Olive, and 59th Avenue from Royal Palm Road to 600' south of Olive Avenue including 800' on Royal Palm Road from 58th Avenue to 59th Avenue.

Analysis

A Request for Qualifications was issued in August 2015 by the Engineering Department to provide design phase assistance and construction services as the Construction Manager at Risk (CMAR) for waterline replacement and new waterline installation at various locations throughout the City. Five (5) firms submitted qualifications and Achen-Gardner Construction was determined to be the most qualified.

The phases/locations are prioritized based on their condition, age and ease of constructability to minimize cost and public impact. This guaranteed maximum price proposal for phase 2 (GMP2) will include the

replacement of the water lines, fire hydrants, valves, service lines and other associated accessories for the following project areas: the 67th Avenue and Olive intersection and the 59th Avenue and Royal Palms area. The final phase, phase three (3), will be brought to the Council at a future date.

Previous Related Council Action

On June 28th, 2016 Council approved a construction phase services agreement with Achen Gardner for a guaranteed maximum price proposal for water line replacement phase 1 (GMP1).

On May 10, 2015, Council approved a Construction Manager at Risk agreement with Achen-Gardner for design services for the seven locations.

On December 18, 2014, Council approved a Professional Services Agreement with Stantec Consulting Services, Inc. for design and construction administration services.

Community Benefit/Public Involvement

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

Budget and Financial Impacts

Funding is available in the adopted FY2016-17 and the proposed FY2017-18 capital budgets. Future year budget appropriation is contingent upon Council approval.

Cost	Fund-Department-Account
\$2,766,064.66	2400-61013-550800 Water Line Replacement

Capital Expense? Yes

Budgeted? Yes

Requesting Budget or Appropriation Transfer? No

If yes, where will the transfer be taken from?