

Meeting Date: 6/4/2013

Report Type: Consent

Report ID: 2013-00443

Title: Contract Award: Parkway Meter Retrofit and Water Main Replacement Project

Location: District 8

Issue: This project meets the objective of Assembly Bill 2572 to install water meters on all water service connections by 2025, and replaces aging water mains and associated appurtenances.

Recommendation: Pass a Motion approving the contract plans and specifications for the Parkway Meter Retrofit and Water Main Replacement Project, and awarding the contract to Florez Paving, for an amount not-to-exceed \$1,759,272.

Contact: Bill Busath, Engineering Services Manager, (916) 808-1434; Dan Sherry, Supervising Engineer, (916) 808-1419, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: CIP Engineering

Dept ID: 14001321

Attachments:

- 1-Description/Analysis
- 2-Background
- 3-Location Map

City Attorney Review

Approved as to Form
Joe Robinson
5/24/2013 4:12:47 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
John Colville
5/20/2013 8:29:34 AM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 5/21/2013 1:51:45 PM

Description/Analysis

Issue: This project installs water meters as required under Assembly Bill 2572 and replaces water distribution mains that have exceeded their useful life.

Policy Considerations: This action is in conformance with City Code Chapter 3.60 Articles I and III, which provide that the City Council may award competitively bid contracts to the lowest responsible bidder.

This action advances the City's obligation to meet the requirements of Assembly Bill 2572 and City Ordinance 2005-090, which require the installation of water meters on all service connections by the year 2025.

Economic Impacts: This infrastructure repair project is expected to create 7.0 total jobs (4.0 direct jobs and 3.0 jobs through indirect and induced activities) and create \$1,086,236 in total economic output (\$684,663 of direct output and another \$401,573 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations: California Environmental Quality Act: The Community Development Department, Environmental Planning Services Division, has reviewed the proposed project and has determined that this project is categorically exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines Section numbers 15302(c), and 15303.

The project consists of the replacement of existing water main (utility systems) involving negligible expansion of capacity (CEQA Guidelines Section 15302(c)) and the installation of new water meters (equipment) (CEQA Guidelines Section 15303).

Sustainability: The project is consistent with the Sustainability Master Plan goals to help to improve water conservation awareness by providing a monthly statement of water usage to the customers. The installation of water meters, where none previously existed, also furthers the City's progress in implementing the Water Forum Agreement and the California Urban Water Conservation Council Best Management Practices (BMPs 1, 4, and 7).

Commission/Committee Action: Not applicable.

Rationale for Recommendation: After the plans and specifications were completed by Engineering Services, the project was formally advertised to solicit public bids. On May 1, 2013, the City Clerk opened four bids. Staff recommends award of the contract to the low bidder, Florez Paving, as the lowest responsive and responsible bidder.

Financial Considerations: The total estimated project cost including design, construction, City supplied materials, inspection, and contingency is \$2,150,000. There is sufficient funding in Z14010059 (Funds 6005 and 6205) to award the contract and complete the project. This action has no impact on the General Fund.

Emerging Small Business Development (ESBD): This project included a participation goal of 20% for emerging and small business enterprises (ESBEs) as required by Ordinance 99-007 and Resolution 99-055, relating to ESBD participation goals and policies, adopted by the City Council on February 9, 1999. The lowest responsible bidder, Florez Paving exceeds this goal with an ESBE participation level of 100.00%.

BACKGROUND

This project proposes to replace the existing water distribution mains and install new water meters in the Parkway neighborhood of Sacramento. The existing water distribution system contains areas of old, transite mains found mainly within residential backyards. These dilapidated mains require frequent maintenance to repair leaks and have passed the end of their useful life. Fire protection is inadequate in segments of the project area due to poor fire hydrant spacing. Therefore, additional fire hydrants will be added to the area to improve the existing fire protection.

This area has also been incorporated into the City's Water Meter Retrofit Program. The purpose of this program is to meet the requirements of Assembly Bill 2572 and City Ordinance 2005-090, which require the installation of water meters on all water service connections by the year 2025.

The project objective is to improve water system reliability, increase fire protection, and advance the City's obligation to meet AB 2572 requirements. This will be accomplished by the following:

- Abandoning existing 6" and 8" water mains located within residential backyards.
- Constructing approximately 5,000 lineal feet of new water mains within the public right of way.
- Install new fire hydrants to meet current fire safety standards.
- Construct 81 new residential water services with water meters.
- Retrofit 886 existing residential water services with new water meters.

This project was advertised and four bids were received and opened on May 1, 2013. The bids are summarized below:

	Bidders	Bid Amount	ESBE Participation
1	Florez Paving	\$1,759,272.00	100.00%
2	GM Construction & Developers, Inc.	\$1,823,690.00	100.00%
3	United Building Contractors, Inc.	\$1,877,500.00	97.6%
4	Teichert Construction	\$1,932,860.00	20.3%

Florez Paving was the low bidder, with a bid amount of \$1,759,272.00. The engineer's estimate was \$2,072,400.

LOCATION MAP

PARKWAY METER RETROFIT AND WATER MAIN REPLACEMENT PROJECT

