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City Council

Approval of Bid Award for the 2015 Water Main Improvement project

Agenda Date: 6/2/2015
Agenda Item Number: 4.C
File Number: 15-0427

Type: decision **Version:** 1 **Status:** Passed

Title

Approval of Bid Award for the 2015 Water Main Improvement project

Recommended Action

Committee Recommendation:

Not referred to a committee.

City Manager Recommendation:

Move to award the construction contract for the 2015 Water Main Improvement project to the lowest responsive, responsible bidder, Waunch Construction & Trucking Inc., in the amount of \$602,709.13 and authorize the City Manager to execute all documents necessary to proceed.

Report

Issue:

Whether to confirm staff's recommendation to award the 2015 Water Main Improvement project to Waunch Construction and Trucking Inc., as the lowest responsive, responsible bidder.

Staff Contact:

Tim Richardson, P.E., Project Manager, Public Works Engineering, 360.753.8749

Presenter(s):

None - Consent Calendar item.

Background and Analysis:

The City's Capital Facilities Plan includes annual funding to replace small diameter water mains and asbestos-cement (AC) water mains throughout the City. This year, we combined the Small Diameter Water Main Replacement and the Asbestos-Cement Water Main Replacement capital funding into one construction project. The name of the combined project is *2015 Water Main Improvements*. Both projects have a similar scope of work. By combining them into one project, we gain efficiencies in design and construction.

These pipes are essential to the distribution of drinking water to our homes and businesses. Over time the pipes deteriorate and need replacement. Specific pipes chosen for replacement typically have a high number of repairs, have caused water outages, and are prone to leaks. Many of these

pipes are old galvanized material or have corrosion on the inside. Corrosion can result in lower water pressure and flow.

This project will replace about 2,770 feet of high risk, high repair water pipes. The new pipes will meet current standards. The result will provide better water pressure and increase water system reliability, which will reduce maintenance and emergency response.

Construction will begin in July and complete by the end of September.

The City received seven (7) bids. The bid proposal from the lowest bidder, Waunch Construction & Trucking, meets all bidder responsibility criteria. Their bid of \$602,709.13 is 6% below the engineer's estimate of \$637,872.64 (See Attachment - Bid Tabulation).

Neighborhood/Community Interests (if known):

Construction activity will occur on 18th Avenue, west of Boulevard Road; and on Swanee Place and Myrtle Place, north off of 22nd Avenue. The streets will remain open. However, at times, one lane may close during some construction activities. Flaggers will direct traffic through the construction zone during these activities.

City staff will inform the public of the construction project, schedule, and any impacts to traffic or service. Tools to convey this information consist of: post cards, Twitter, and the Construction News webpage.

Options:

1. Award the contract for the 2015 Water Main Replacement project to the lowest responsive, responsible bidder, Waunch Construction & Trucking Inc., in the amount of \$602,709.13, and authorize the City Manager to execute all documents necessary to proceed.
 - Project proceeds as planned.
 - Potential for water main breaks and water service disruption will be minimized.
 - City delivers on its commitment to construct the project this year.
2. Reject all bids and request that staff rebid the project.
 - Staff time spent responding to the issues with the older pipes will continue to add costs to the City budget.
 - Delaying repairs will prolong addressing leaks, pipe breaks, and water outages. The pipes identified for replacement already have a high frequency of required repairs, cause excessive water outages, and prone to leaks. The lower water pressure and flows that result from the poor condition of these older pipes will continue.
 - Greater potential for increased costs due to re-bidding.

Financial Impact:

Below is an estimate of the project costs. This project was identified as a priority in the Capital Facilities Plan and is being funded by drinking water rates. The City has sufficient funds to complete this project.

Project Costs:

Total Low Bid:	\$ 602,709.13
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Contingency to Award (10%):	\$ 60,270.91
Engineering	\$ 230,000.00

TOTAL PROJECT COSTS: **\$892,980.04**

Attachments:

1. Project Map
2. Bid Tabulation