

November 6, 2017

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Motion to award Bid No. 17099 for Commercial Water Meter Replacement 2017 to Earthwork Enterprises, as the lowest responsible and responsive bidder in the amount of \$198,600.00 plus all applicable taxes (CIP Plan No. W-98).

FISCAL IMPACT

Awarding this bid commits the City to payment up to \$198,600.00 plus all applicable taxes. This contract is fully funded through the Utility's Replacement of Large Commercial Water Meters program (CIP Plan No. W-98). This amount is approximately 15.4 percent below the Engineer's Estimate. Sufficient funds have been budgeted to fund this contract in the 2017-2023 Utilities CIP Budget.

STAFF CONTACTS

Nav Ota, Director, 452-2041

Andrew Lee, Deputy Director, 452-7675

Utilities Department

POLICY CONSIDERATION

Utilities Department policies:

- Provide for the identification and implementation of capital projects via the CIP to rehabilitate or replace deteriorated elements of the water system to provide utility customers with consistent, reliable service.

Utility Department practice:

- Replace old and outdated commercial water meters to provide for better maintenance and reliable operation. CIP Plan No. W-98 has been designated to do this.

City contracting policies:

- Bellevue City Code section 4.28.040 requires the City to competitively bid public works in accordance with the Code and state law. Council approval is required to award the bid where the cost exceeds \$90,000.

BACKGROUND

This contract will replace commercial water meter assemblies at three separate sites in the Bellevue service area. Replacement includes one 4-inch meter, one 3-inch meter, and one 2-inch meter (replacing a 3-inch). Also included in the project is new piping as needed, new vaults, and removal of existing vaults. These commercial meters are difficult or on occasion impossible to test or repair due to undersized vaults and deterioration of associated pipe, fittings and valves. Other deficiencies with these meter assemblies include lack of strainers and worn internal

parts leading to under-registered flows, and undersized by-pass lines that limit the ability to provide uninterrupted service during maintenance. Maintenance access to the new meter assemblies will be improved through installation of larger vaults and hatches. Service reliability to customers will be improved and revenues will be enhanced by more accurately measuring water consumption. During construction, efforts will be made to keep interruption in water service to customers at a minimum, and during prearranged times. The three sites included in this project are the Silver Cloud Inn on NE 12th Street, Wells Medina Nursery on NE 24th Street, and Interlake High School on NE 24th Street. Each of these replacement meters will be compatible with future Advanced Metering Infrastructure (AMI) goals.

Bids were opened on October 5 and are as follows, plus all applicable taxes:

Earthwork Enterprises	\$198,600.00
Laser Underground	224,480.00
Road Construction NW	231,910.00
Kar-Vel Construction	235,095.00
Award Construction	327,001.00
Engineer's Estimate	\$234,875.00

To the best of staff's knowledge, all factors that normally contribute to construction expense have been accounted for in the plans and in the Engineer's Estimate. It is our experience that construction projects of this type may result in some amount of field changes. Such claims are rigorously reviewed and only those that are clearly necessary to accomplish the intent of the contract, but have somehow not been provided for, will be paid.

EFFECTIVE DATE

If approved, this Motion becomes effective immediately upon Council adoption.

OPTIONS

1. Award Bid No. 17099 for Commercial Water Meter Replacement 2017 to Earthwork Enterprises, as the lowest responsible and responsive bidder in the amount of \$198,600.00 plus all applicable taxes (CIP Plan No. W-98).
2. Award contract to another bidder, if low bidder is rejected.
3. Reject all bids and re-bid at a later date.

RECOMMENDATION

Option 1

MOTION

Move to award Bid No. 17099 for Commercial Water Meter Replacement 2017 to Earthwork Enterprises, as the lowest responsible and responsive bidder in the amount of \$198,600.00 plus all applicable taxes (CIP Plan No. W-98).

ATTACHMENTS

- A. Vicinity Map
- B. CIP Project Description

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

N/A