

September 19, 2016

## **CITY COUNCIL AGENDA MEMORANDUM**

### **SUBJECT**

Motion to award Bid No. 16089 for Commercial Water Meter Replacement 2016 to Kar-Vel Construction, as the lowest responsible and responsive bidder in the amount of \$264,722.27 (CIP Plan No. W-98).

### **FISCAL IMPACT**

Awarding this bid commits the City to payment of \$264,722.27. 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 5% below the Engineer's Estimate. Sufficient funds have been budgeted to fund this contract in the 2015-2021 Utilities CIP Budget.

### **STAFF CONTACTS**

Andrew Lee, Deputy Director, 452-7675

Paul A. Bucich, Assistant Director of Engineering, 452-4596

*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- Replace old and outdated commercial water meters to provide for better maintenance and reliable operation.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:

- BCC 4.28.040 requires the City to competitively bid public works in accordance with all applicable laws. Council approval is required to award the bid where the cost thereof exceeds \$90,000.

### **DIRECTION NEEDED FROM COUNCIL**

  X   Action

### **BACKGROUND**

This contract will replace commercial water meter assemblies at three separate sites in Bellevue. Replacement includes two 3-inch domestic meters, one 4-inch domestic meter, one 1 ½-inch irrigation meter, and one 1-inch irrigation meter. 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 aging meters and associated pipe, fittings and valves. Other deficiencies with these meter assemblies include lack of strainers leading to under-registered flows and undersized by-pass lines that limits 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 for this project include Bellevue Club on 112<sup>th</sup> Avenue SE, Forest Ridge School of the Sacred Heart on 139<sup>th</sup> Avenue SE, and Sagebrook Senior Living at Bellevue on NE 15<sup>th</sup> Street. Each of these replacement meters are compatible with future Advanced Metering Infrastructure (AMI) goals.

Bids were opened on August 23, 2016 and are as follows:

Kar-Vel Construction	\$264,722.27
Bonner Brothers	280,292.62
Laser Underground & Earthworks, Inc.	282,886.68
Gary Harper Construction, Inc.	349,055.89

**Engineer's Estimate                      \$278,716**

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 usually 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 adopted, the award of this bid will become effective immediately upon Council adoption.

#### **OPTIONS**

1. Award Bid No. 16089 for Commercial Water Meter Replacement 2016 to Kar-Vel Construction, as the lowest responsible and responsive bidder in the amount of \$264,722.27 (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 No. 1. This contractor has satisfactorily performed similar projects for the City in the past.

#### **MOTION**

Move to award Bid No. 16089 for Commercial Water Meter Replacement 2016 to Kar-Vel Construction, as the lowest responsible and responsive bidder in the amount of \$264,722.27 (CIP Plan No. W-98).

#### **ATTACHMENTS**

CIP Project Description  
Vicinity Map

#### **AVAILABLE IN COUNCIL DOCUMENT LIBRARY**

N/A