

CITY COUNCIL REGULAR SESSION

Motion to award Bid No. 19047 for Forest Hills Water Main Rehabilitation to Road Construction Northwest, Inc., as the lowest responsive and responsible bidder, in an amount not to exceed \$1,638,213.50 plus all applicable taxes (CIP Plan No. W-16 & W-67).

Nav Otal, Director, 452-2041

Linda De Boldt, Assistant Director of Engineering, 452-4625

Utilities Department

EXECUTIVE SUMMARY

This motion will award Bid No. 19047 to Road Construction Northwest, Inc. for the Forest Hills Water Main Rehabilitation project.

RECOMMENDATION

Move to award Bid No. 19047 for Forest Hills Water Main Rehabilitation to Road Construction Northwest, Inc.

If approved, effective date: 07/15/2019

BACKGROUND/ANALYSIS

The Small Diameter Water Main Replacement program has been ongoing for a number of years. Replacement of older water mains will reduce the possibility of pipeline failure that may result in property damage and potential claims against the City and is consistent with the Utilities asset management program.

This project will replace approximately 700 Linear feet of deteriorating water main pipe and a pressure reducing station (PRV) in the Utilities service areas of Forest Park and Forest Park Meadow. The water main being replaced is located along a steep forested area and crosses under a seasonal creek. The PRV will be relocated from it's current location, which is difficult to access, to a more maintainable location nearby. Utilities has been coordinating with individual property owners and Bellevue Parks Department to minimize construction inconveniences to the neighborhood and Parks trail system.

Bids were opened on June 13 and are as follows. Please note, these bids include 10 percent Washington State sales tax on applicable bid items.

Road Construction Northwest, Inc.	\$1,638,213.50
Kar-Vel Construction	\$1,995,643.65
Earthwork Enterprises Inc	\$2,005,524.40

Engineer's Estimate**\$1,417,380.25**

The low bid from the winning contractor is \$220,833.25 or 15.5 percent greater than the engineer's estimate. This is likely due to the challenging conditions of the project site, specifically the steep slopes, existing seasonal creek, and the limited access to the site. Also, the project is on an expedited schedule as the work along the steep slope and creek can only be done during the dry weather and

must be completed by October 1.

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.

POLICY & FISCAL IMPACTS

Policy Impact

City Comprehensive Plan policies: Provide reliable water service for domestic use, fire flow protection, and emergencies.

Utilities Department policies: To invest resources as necessary to construct, maintain and renew water system infrastructure and equipment so that Utility customers are provided with consistent, reliable service.

Utilities Department practice: Replace small diameter asbestos cement water main installed in the late 1940's and 1950's to reduce the possibility of water main breaks. Rehabilitation or replacement of old and deteriorating PRVs throughout the water service area. CIP Plan No. W-16 and W-67 have been designated to do this.

Bellevue City Code: BCC 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.

Fiscal Impact

Awarding this bid commits the City to payment of \$1,638,213.50, plus all applicable taxes. This contract is fully funded through Small Diameter Water Main Replacement and Pressure Reducing Valve Rehabilitation (CIP Plan No. W-16 & W-67). Sufficient funds have been budgeted to fund this contract in the 2019-2025 CIP Budget.

OPTIONS

1. Award Bid No. 19047 for Forest Hills Water Main Rehabilitation to Road Construction Northwest, Inc., as the lowest responsive and responsible bidder, in an amount not to exceed \$1,638,213.50 plus all applicable taxes (CIP Plan No. W-16 & W-67).
2. Award contract to another bidder, if low bidder is rejected.
3. Reject all bids and re-bid at a later date.

ATTACHMENTS & AVAILABLE DOCUMENTS

- A. Vicinity Map
- B. CIP Project Description

AVAILABLE IN COUNCIL LIBRARY

N/A