

CITY COUNCIL REGULAR SESSION

Motion to award Bid No. 18043 for Cougar Mountain No. 3 Pump Station Rehabilitation to Award Construction as the lowest responsible and responsive bidder in the amount of \$1,374,120, plus all applicable taxes (CIP Plan No. W-91).

Nav Ota, Director, 452-2041

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

Utilities Department

EXECUTIVE SUMMARY

This motion will award Bid No. 18043 to Award Construction for the Cougar Mountain No. 3 Pump Station Rehabilitation project.

RECOMMENDATION

Move to award Bid No. 18043 for Cougar Mountain No. 3 Pump Station Rehabilitation to Award Construction.

If approved, effective date: 10/15/2018

BACKGROUND/ANALYSIS

The Cougar Mountain No. 3 water reservoir and pump station facility is located at 17623 SE Cougar Mountain Drive. The water booster pump station supplies the Cougar Mountain 1550 pressure zone. The pump station was originally constructed in 1998 and, after 20 years of operation, needs to be rehabilitated to ensure sufficient capacity for future demands, mitigate water hammer associated with transient pressure waves, and maintain water supply reliability for domestic use and fire suppression. This project will rehabilitate the booster pump station as part of an ongoing program to rehabilitate older pump stations to bring them up to current standards.

Bids were first opened on the Cougar Mountain No. 3 Pump Station Rehabilitation project (Bid No 17020) on April 27, 2017. Eight bids were received, with the low bid being \$2,008,380, which was approximately 28 percent over the engineer's estimate of \$1,574,000. Therefore, it was decided to reject all bids, conduct a value engineering analysis and re-design the project.

The re-design effort reduced project scope; the key project changes included moving the generator to outside the pump station with associated savings in building expansion, structural rehabilitation and HVAC elements. Replacement of piping and valves was also reduced from the project scope.

The project was re-advertised, and bids were opened for the redesigned project (Bid No. 18092) on September 11. The low bid was approximately \$635,000 below the previous low bid in 2017; however, the low bid still exceeds the current engineer's estimate by 17 percent. Staff performed bid analysis of the low bidder, in comparison to the other bidders, and believe that the price received from the low bidder is valid and represents a fair cost to perform the work. It is unlikely that re-bidding the project will provide better results than that obtained with these bids.

Bids were opened on September 11 and are as follows:

Award Construction	\$1,374,120
McClure and Sons	\$1,675,586
Gary Harper Construction	\$1,795,948
Engineer's Estimate	\$1,174,360

POLICY & FISCAL IMPACTS

City Comprehensive Plan policies:

- Provide reliable water service for domestic use, fire flow protection, and emergencies.

Utilities Department policies:

- The Utility shall invest resources as necessary to construct, maintain and renew water system infrastructure and equipment such that Utility customers are provided consistent, reliable service.

Utilities Department practice:

- Rehabilitate or replace deteriorated elements of the water system. CIP Plan No. W-91 has been designated to rehabilitate aging pump stations.

Bellevue City Code:

- BCC 4.28 provides for the fair and equitable treatment of all persons involved in the purchasing process. Council approval is required to award the bid where the cost exceeds \$90,000.

Fiscal Impacts:

Awarding this bid commits the City to payment of \$1,374,120, plus all applicable taxes. This contract is fully funded through the Water Pump Station Rehabilitation or Replacement budget (CIP Plan No. W-91). Sufficient funds have been budgeted to fund this contract in the 2017-2023 CIP Budget.

OPTIONS

1. Award Bid No. 18043 for Cougar Mountain No. 3 Pump Station Rehabilitation to Award Construction as the lowest responsible and responsive bidder in the amount of \$1,374,120, plus all applicable taxes (CIP Plan No. W-91).
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