

CITY COUNCIL REGULAR SESSION

Motion to award Bid No. 21021 for Bellefield 220 Pressure Zone Restoration to Bonner Brothers Construction, as the lowest responsive and responsible bidder, in an amount not to exceed \$106,935 plus all applicable taxes (CIP Plan No. W-69).

Nav Ota, Director, 452-2041

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

Utilities Department

EXECUTIVE SUMMARY

This motion will award Bid No. 21021 to Bonner Brothers Construction for Bellefield 220 Pressure Zone Restoration.

RECOMMENDATION

Move to award Bid No. 21021 for Bellefield 220 Pressure Zone Restoration to Bonner Brothers Construction.

BACKGROUND/ANALYSIS

The Bellefield 220 water pressure zone serves an area of west Bellevue which includes the Bellefield Office Park, the Bellefield Residential Park neighborhood and a service area along 118th Ave. / Lake Washington Boulevard. The 2016 Water System Plan identified a low pressure deficiency in this zone; this project resolves this problem while increasing system redundancy and improving water quality.

To achieve this, the project will repurpose an existing decommissioned inlet station (Inlet Station #10) to house control valves in order to regulate pressure and will install approximately 40 feet of new water main.

Inlet Station #10 is located on 3399 118th Ave. SE and is a water supply facility that used to supply water from Seattle Public Utilities (SPU) Mercer Island Pipeline to Newport Shores pressure zone 200, when it was operated by Coal Creek Utility District (CCUD). In 2003 the City of Bellevue assumed CCUD facilities within Bellevue. After the assumption, the City decommissioned Inlet #10 and connected two water system pressure zones - the Bellefield 220 pressure zone and the Newport Shores pressure zone 200. This action improved water system redundancy but the resulting decrease in pressure in the Bellefield 220 zone has become problematic. Restoring the Bellefield 220 pressure zone to its original static pressure will maintain necessary fire flow inside Bellefield Office Park and along 118th Ave/Lake Washington Boulevard. This action will also mitigate risks of water quality and hydrant pressure issues along 118th Ave/Lake Washington Boulevard.

Bids were opened on March 18 and are as follows. Please note, these bids include 10.1 percent Washington State sales tax on applicable bid items.

Bonner Brothers Construction	\$117,735.44
Road Construction Northwest	\$151,452.46
Award Construction, Inc.	\$230,703.54

Engineer's Estimate

\$107,006.19

The low bid from Bonner Brothers Construction is \$10,729.36 or approximately 10 percent greater than the engineer's estimate. Staff believes this is due to the current bidding climate and is a competitive bid.

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: Rehabilitate or replace deteriorated elements of the water system. CIP Plan No. W-69 has been designated to do this.

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.

Fiscal Impact

Awarding this bid commits the City to payment of \$106,935, plus all applicable taxes. This contract is fully funded through the Minor (Small) Water Capital Improvement Projects (CIP Plan No. W-69). Sufficient funds have been budgeted to fund this contract in the 2021-2027 CIP Budget.

OPTIONS

1. Award Bid No. 21021 for Bellefield 220 Pressure Zone Restoration to Bonner Brothers Construction, as the lowest responsive and responsible bidder, in an amount not to exceed \$106,935 plus all applicable taxes (CIP Plan No. W-69).

2. 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