

February 5, 2018

CITY COUNCIL AGENDA MEMORANDUM

SUBJECT

Motion to award Bid No. 17120 for Kelsey Creek Culvert Replacement to Interwest Construction, Inc., as the lowest responsible and responsive bidder, in the amount of \$2,065,289 plus all applicable taxes (CIP Plan No. D-105).

FISCAL IMPACT

Awarding this bid commits the city to payment of \$2,065,289 plus all applicable taxes. This contract is fully funded through the Utility's Replace NE 8th Street Culvert at Kelsey Creek Project (CIP Plan No. D-105). This amount is approximately 20 percent below the Engineer's Estimate. Sufficient funds have been budgeted to fund this contract in the 2017-2023 Utilities CIP Budget (CIP Plan No. D-105).

STAFF CONTACTS

Nav Otal, Director, 452-2041

Andrew Lee, Deputy Director, 452-7675

Utilities Department

POLICY CONSIDERATION

Utilities Department policies:

- The Utility shall own and maintain all elements of the storm drainage system in the right-of-way and in easements or tracts dedicated to, and accepted by, the Utility.
- The Utility shall identify drainage capital projects that prevent or reduce flooding or property damage, protect or improve water quality, and maintain or improve the reliability and integrity of the drainage system.

Bellevue Comprehensive Plan Policies:

- Manage aquatic habitats, including shoreline and riparian (streamside) habitats, to preserve and enhance their natural functions or providing fish and wildlife habitat and protecting water quality.
- Prohibit creating new fish passage barriers and remove existing artificial fish passage barriers in accordance with applicable state law regarding water crossing structures.

Utilities Department practice:

- The Utilities Department policies provide for the identification and implementation of capital projects via the CIP to rehabilitate or replace deteriorated elements of the storm water system, to ensure that utility customers are provided with consistent and reliable service. Utilities CIP No. D-105 has been designated to implement these policies for the Coal Creek Parkway Culvert Replacement.

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

Carrying over 23,000 vehicles a day, NE 8th Street is an important route for Bellevue and regional commuters. Due to severe corrosion, the 10-foot wide by 7-foot high corrugated metal arch-pipe culvert that carries Kelsey Creek under NE 8th Street has reached the end of its useful life and needs to be replaced. In addition, the existing culvert does not meet state requirements for fish passage.

In 2011, interim repairs were made to extend the culvert's service life. However, complete replacement is needed to prevent failure from continued deterioration. Failure of the culvert at this location could damage adjacent utilities, degrade habitat, and damage the roadway.

To meet fish passage requirements, the culvert will be replaced with a new three-sided box culvert on NE 8th Street between 132nd Avenue NE and 134th Avenue NE. The new culvert will have a permanent fish-passable stream channel capable of passing the 100-year peak flow. The new culvert will provide a structure with a long service life, improve fish access and riparian habitat, and reduce the potential for structural failure with associated erosive damage.

Community outreach for this project consisted of a presentation to the East Bellevue Community Council, project notification post cards, in-person meetings with adjacent affected property owners (e.g., Glendale Country Club, homeowners), a project web site and an open house. Advertisement for the open house included post cards, email notification to 2000 Utilities News Release subscribers, posting to the Nextdoor Neighborhood web site and the project web site. The advertisement also appeared in the Bellevue Reporter. Input from key project stakeholders (e.g., East Bellevue Community Council and Glendale Country Club) indicated support for a condensed construction timeline, using full road closures, if necessary.

Based on community feedback, staff have limited the total construction duration from June to October 2018. During those months, there will be long-term lane closures, resulting in a single lane of traffic in each direction. In late July, NE 8th will be fully closed for up to 12 days, and a detour route will be provided. The full closure allows the project to be completed in 2018. Without the full closure, the project would require two years to construct.

Prior to construction, Variable Message Signs will be stationed at prominent locations at both ends of the project to inform the traveling public in advance of lane closures and the full closure. During construction, the public will receive updates on the project website, Nextdoor, Facebook, and Twitter.

Bids were opened on December 21, 2017 and are as follows:

Interwest Construction, Inc.	\$2,065,289.00
JR Hayes Corporation	2,280,809.60
Frank Coluccio Construction Co.	3,569,730.00

Engineer's Estimate	\$2,581,913.25
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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. 17120 for Kelsey Creek Culvert Replacement to Interwest Construction, Inc., as the lowest responsible and responsive bidder, in the amount of \$2,065,289 plus all applicable taxes (CIP Plan No. D-105).
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. 17120 for Kelsey Creek Culvert Replacement to Interwest Construction, Inc., as the lowest responsible and responsive bidder, in the amount of \$2,065,289 plus all applicable taxes (CIP Plan No. D-105).

ATTACHMENTS

- A. Vicinity Map
- B. CIP Project Description

AVAILABLE IN COUNCIL DOCUMENT LIBRARY

N/A