

July 10, 2017

## **CITY COUNCIL AGENDA MEMORANDUM**

### **SUBJECT**

Motion to award Bid No. 17053 for Coal Creek Hillside Storm Drainage Pipe Replacement to Dungeness Construction, as the lowest responsible and responsive bidder in the amount of \$126,250 plus all applicable taxes (CIP Plan D-64).

### **FISCAL IMPACT**

Awarding this bid commits the City to payment of \$126,250 plus all applicable taxes. This contract is fully funded through the Utility's Storm System Conveyance Repairs and Replacement (CIP Plan No. D-64). This amount is approximately 11.7 percent below the Engineer's Estimate. Sufficient funds have been budgeted to fund this contract in the 2017-2023 Utilities CIP Budget.

### **STAFF CONTACTS**

Nav Otal, Director, 452-2041

Paul Bucich, Assistant Director of Engineering, 452-4596

*Utilities Department*

### **POLICY CONSIDERATION**

Utilities Department policies:

- 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.

Utilities Department practice:

- Rehabilitate or replace deteriorated elements of the storm drainage system to ensure that utility customers are provided with consistent and reliable service. CIP Plan No. D-64 has been designated to do this.

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**

In the spring of 2016 a small landslide (approximately 20 feet wide) destroyed a portion of the Washout Way Trail in the Coal Creek Natural Area and damaged an 18-inch diameter pipe that conveys stormwater down the hillside to a tributary of Coal Creek. The damaged pipe is the outlet for a City owned detention pond located at the top of the hillside. The pond provides flow control for street runoff from 134<sup>th</sup> Place SE and SE 59<sup>th</sup> Street. Additionally, the inlet pipe to the detention pond has been severely damaged by tree roots. Repair of this system is needed to prevent landslides, erosion, liability claims, water quality complaints, and allow the Washout

Way Trail to be repaired by Parks.

The work for this project involves replacing 200 linear feet of damaged 12-inch and 18-inch corrugated metal pipe with 12-inch high density polyethylene (HDPE) fusion welded pipe. The durability of the proposed pipe will allow it to be placed with low cover (2 feet of earth) to minimize disturbance in this sensitive area. Portions of the installation on the steep slope will be hand-excavated, satisfying requirements of the Clearing and Grading Permit. Work also includes replacing the pond flow control tee, anchoring the new pipe, erosion control measures and replanting disturbed areas.

The condition of the pipe was observed by video inspections. The defects found are not suited to conventional or trenchless repair methods and are therefore being accomplished by replacing the pipe.

Bids were opened on June 1 and are as follows:

Dungeness Construction	\$126,250.00
Laser Underground	\$194,455.00
Road Construction	\$204,592.50

**Engineer's Estimate                      \$142,953**

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. 17053 for Coal Creek Hillside Storm Drainage Pipe Replacement to Dungeness Construction, as the lowest responsible and responsive bidder in the amount of \$126,250 plus all applicable taxes (CIP Plan D-64).
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. 17053 for Coal Creek Hillside Storm Drainage Pipe Replacement to Dungeness Construction, as the lowest responsible and responsive bidder in the amount of \$126,250 plus all applicable taxes (CIP Plan D-64).

**ATTACHMENTS**

A. Vicinity Map

B. CIP Project Description

**AVAILABLE IN COUNCIL DOCUMENT LIBRARY**

N/A