

**CITY COUNCIL REGULAR SESSION**

Motion to award Bid No. 20037 for 140<sup>th</sup> Avenue NE Storm Pipe Repair to Insta-Pipe, Inc, as the lowest responsive and responsible bidder, in an amount not to exceed \$121,715.00, plus all applicable taxes (CIP Plan No. D-64).

Nav Otal, Director, 452-2041

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

*Utilities Department*

**EXECUTIVE SUMMARY**

This motion will award Bid No. 20037 to Insta-Pipe, Inc for 140<sup>th</sup> Avenue NE Storm Pipe Repair.

**RECOMMENDATION**

Move to award Bid No. 20037 for 140<sup>th</sup> Avenue NE Storm Pipe Repair to Insta-Pipe, Inc.

**BACKGROUND/ANALYSIS**

The 140<sup>th</sup> Avenue NE Storm Pipe Repair project will rehabilitate 235 linear feet of 24 inch diameter existing CMP stormwater pipe which is deteriorated by excessive corrosion, root penetration, and material loss along the invert of the pipe by installing UV CIPP (Ultra Violet Cast In Place Pipe) liner into the existing pipe through this trenchless method. In addition, this project will grout the existing voids just outside of the pipe wall.

This pipe conveys a significant amount of stormwater and is located within the east side of 140<sup>th</sup> Avenue NE right-of-way, just south of Bel-Red road. Leaving the pipe un-repaired will increase pipe corrosion and increase the risks of both pipe deformation and pavement settlement due to soil erosion around the pipe. Once a pipe is deformed, it cannot be repaired via cost effective and less disruptive trenchless methods thereby necessitating more expensive conventional open cut methods of repair. In addition, if not repaired, storm water backup may result in flooding, water pollution and claims.

Approved traffic control plans were included in the contract to address traffic safety during construction. The contractor will install storm water bypass systems to handle storm water safely and bypass ramps at driveway locations to maintain egress and ingress to affected homeowners during construction. Neighborhood letters will be sent to property owners who will be impacted by traffic control.

By awarding this pipe repair contract, the City will avoid pipe failure and expensive and disruptive conventional construction work to excavate and replace the pipe.

Bids were opened on June 18 and are as follows.

Insta-Pipe, Inc	\$121,715.00
Iron Horse, LLC	\$134,990.00

**Engineer's Estimate****\$139,750.00**

The low bid from Insta-Pipe, Inc is \$ 18,035 or approximately 13 percent less than the engineer's estimate.

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**

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.

Bellevue City Code 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 \$121,715.00, plus all applicable taxes. This contract is fully funded through Storm System Conveyance Repairs and Replacement program (CIP Plan No. D-64). Sufficient funds have been budgeted to fund this contract in the 2019-2025 CIP Budget.

## **OPTIONS**

1. Award Bid No. 20037 for 140<sup>th</sup> Avenue NE Storm Pipe Repair to Insta-Pipe, Inc, as the lowest responsive and responsible bidder, in an amount not to exceed \$121,715.00 plus all applicable taxes (CIP Plan No. D-64).
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