

## CITY COUNCIL REGULAR SESSION

Motion to award Bid No. 19053 for Storm Trenchless Repair 2019 to Michels Corporation, as the lowest responsive and responsible bidder, in an amount not to exceed \$414,089 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. 19053 to Michels Corporation for Storm Trenchless Repair 2019.

## RECOMMENDATION

Move to award Bid No. 19053 for Storm Trenchless Repair 2019 to Michels Corporation.

If approved, effective date: 08/05/2019

## BACKGROUND/ANALYSIS

The Storm Trenchless Repair 2019 project will rehabilitate existing stormwater pipes which are deteriorated by excessive corrosion, root penetration, and pipe deformation by installing pipe liners into the existing pipe through trenchless methods. This project will rehabilitate pipe at 11 different sites within the City of Bellevue right of way and one site inside an easement in Bellevue's service area. All of these pipes are conveying significant stormwater flows and, if pipe conditions continue to deteriorate further, pipe deformation will worsen, eliminating the possibility of repair by the less expensive and less disruptive trenchless methods. In addition, if not repaired, storm water backup may result in flooding and claims. Also, several of these repair pipes have holes and material loss along the invert of the pipe through which surrounding soil and bedding material are carried away with the stormwater creating voids outside the pipes. This project will grout those voids prior to lining them.

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 home owners during construction. Neighborhood letters will be sent to property owners who will be impacted by traffic control.

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

Bids were opened on July 2 and are as follows.

Michels Corporation	\$414,089.00
Nordvind Company	\$658,298.67
Instituform Technologies LLC	\$1,104,961.00

**Engineer's Estimate**

**\$592,965.00**

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: BCC 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 \$414,089 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. 19053 for Storm Trenchless Repair 2019 to Michels Corporation, as the lowest responsive and responsible bidder, in an amount not to exceed \$414,089 plus all applicable taxes (CIP Plan No. D-64).
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