



Legislation Text

File #: 23-0378, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 23-011, MSI Inspection South Interceptors, to RedZone Robotics Inc. for an amount not to exceed \$149,365.05

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The South Interceptors are two of 14 large trunk sewers in the Water Utilities sanitary sewer system. On a daily basis, these critical assets transport three million gallons of wastewater from the west and south portions of the City to the South Wastewater Pump Station and the Springbrook Water Reclamation Center.

Multi-sensor internal (MSI) inspection combines closed-circuit television (CCTV) inspection with sonar and laser technologies to provide a condition assessment of the entire interceptor, including debris amounts under the existing water levels that may not be visible with CCTV.

DISCUSSION:

In March 2023, the City issued Bid 23-011, MSI Inspection South Interceptors for a contractor to provide a multi-sensor internal inspection of approximately 20,049 linear feet of the interceptors. This work includes advanced pipeline assessment of the existing 24", 30", 36", 42", and 60" diameter reinforced concrete (RCP) pipelines. Also, included is processing of the multi-sensor inspection data and full delivery of the data in digital/electronic, hardcopy report and video format. The project includes all software or compatible viewing applications needed for complete usage of the inspection data including processed laser and sonar data along with pan and tilt capabilities for CCTV with compatible viewing applications.

Advertisement Date: 3/8/2023

Bid Opening Date: 3/23/2023

Notices Sent: 504

Plan holders: 22

Proposals Received: 4

Bids were received from the following vendors:

Vendors Name	Proposal Cost
Redzone Robotics Inc.	\$149,365.05
Hoerr Construction	\$157,915.60
Engineers Estimate	\$160,392.00
National Power Rodding Corporation	\$477,396.00

The completion date of this project is December 15, 2023.

FISCAL IMPACT:

CIP: N/A

MSI inspection cost is expensed to the account number listed below. A total of \$150,000 is budgeted for this service in FY2023. The requested award is within budget

Account Number	Fund Description	Total Budget Amount
41251520-531301	Water Utility Fund	\$620,000