



Legislation Text

File #: 22-0667, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Bid 22-015, MSI Inspection and Condition Assessment Central - South Interceptor, to RedZone Robotics Inc. for an amount not to exceed \$119,462.40

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

The Central-South Interceptor is one of fourteen large trunk sewers in the sanitary sewer system operated by the Water Utilities. On a daily basis, this critical asset transports 6.5 million gallons of wastewater from the north and east portions of the City, including the Downtown area to the South Wastewater Pump Station located at 1800 South Washington.

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.

In May 2022, the Water Utilities issued Bid 22-015, MSI Inspection and Condition Assessment Central - South Interceptor. The contractor will provide a multi-sensor internal inspection of approximately 18,666 linear feet of the Central-South Interceptor. This work includes advanced pipeline assessment of the existing 24", 27", 30", 33", 36", 42", and 48" diameter Cured-In-Place pipe with the host pipe of clay and 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.

DISCUSSION:

| | |
|-------------------------------|-----------------------|
| Advertisement Date: 5/19/2022 | Notices Sent: 162 |
| Bid Opening Date: 6/06/2022 | Planholders: 10 |
| | Proposals Received: 2 |

Bids were received from the following vendors:

| Vendors Name | Proposal Cost |
|------------------------------------|------------------|
| Redzone Robotics Inc. | \$119,462.40 |
| <i>Engineers Estimate</i> | <i>\$149,328</i> |
| National Power Rodding Corporation | \$298,644.00 |

The completion date of this project is October 15, 2022.

FISCAL IMPACT:

CIP: N/A

Costs for Interceptor inspections is expensed to the account number listed below. A total of \$150,000 is budgeted for this service in 2022. The requested award is facilitated within budget.

| Account Number | Fund Description | Total Budget Amount |
|-----------------|----------------------|---------------------|
| 41251520-531301 | Water Utilities Fund | \$650,000 |