



AGENDA MEMORANDUM

Action Item for the City Council Meeting of September 5, 2023

DATE: September 5, 2023

TO: Peter Zanoni, City Manager

FROM: Ernesto De La Garza, Director of Public Works
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Robot Camera System Closed Circuit Television (CCTV)

CAPTION:

Motion authorizing the purchase of a new robotic camera system closed circuit television from Texas Underground, Inc., of Pearland, Texas, for \$91,760.00, with FY 2023 funding from the Storm Water CIP Fund.

SUMMARY:

This purchase will allow Storm Water crews the ability to inspect/investigate underground storm water pipes and manholes from the safety of ground level.

BACKGROUND AND FINDINGS:

Public Works currently maintains and operates approximately 682 linear miles of underground storm water pipes. Pipes range in size from 12" to 10'x10' box culverts and range in material type from Clay to Reinforced Concrete. There is a need to inspect/investigate these lines during emergency and non-emergency operations.

This fiscal year Storm Water has had over 100 work orders for maintenance of lines operations that require some type of investigation prior to beginning repairs. Most of the time this comes in the form of a confined spaced entry. While we are properly trained to perform this operation the element of danger still exists.

The benefits of this purchase will improve investigation time due to the deletion of a confined space entry, increase the detail of the assessment of the pipe and increase safety of our crews.

PROCUREMENT DETAIL:

Finance & Procurement issued a Request for Bid and received two responsive, responsible bids and two no bids out of 247 notifications for the purchase of a new robotic camera system closed circuit television (CCTV), and staff is recommending the award to Texas Underground, Inc., of Pearland, Texas.

			Texas Underground, Inc.	B2O Environmental, Inc.	Variance % Diff.
ITEM	Description	Unit	Unit Price	Unit Price	
1	Robotic Camera System Closed Circuit Television (CCTV) system	Each	\$90,760.00	\$99,305.59	
2	Freight to CC – Public Works	Each	\$1,000.00	\$0.00	
Total			\$91,760.00	\$99,305.59	-8%

ALTERNATIVES:

Continue to perform investigations using confined space entry.

FISCAL IMPACT:

The fiscal impact for FY 2023 is \$91,760.00, with funding available from the Storm Water CIP Fund 4533 for Storm Water Pipe Inspection.

Funding Detail:

Fund: 4533 Storm Water CIP
Organization/Activity: 89 Grants & Capital Project Funds
Department: 47 Storm Water
Project # (CIP Only): 21031 Storm Water Pipe Inspection
Account: 530000 Professional Services

RECOMMENDATION:

Staff recommends approval of this motion with Texas Underground, Inc., of Pearland, Texas for the purchase of a new robotic camera system closed circuit television for Public Works.

LIST OF SUPPORTING DOCUMENTS:

Bid Sheet