



**CITY OF HOUSTON - CITY COUNCIL**

Meeting Date: 11/13/2024

ALL

Item Creation Date: 8/29/2024

DOC1159533298 - Autonomous Pipe Inspection Units (RedZone Robotics, Inc.) - MOTION

Agenda Item#: 12.

**Background:**

**Formal Bids Received August 01, 2024, for (B23-Doc1159533298) - Approve an award to RedZone Robotics, Inc. in an amount not to exceed \$174,925.00 for the purchase of Autonomous Pipe Inspection Units for Houston Public Works.**

**Specific Explanation:**

The Chief Procurement Officer and the Chief Operating Officer of Houston Public Works (HPW) recommend that City Council approve an award to **RedZone Robotics, Inc.**, on its sole bid in an amount not to exceed **\$174,925.00** to purchase two (2) Autonomous Pipe Inspection Crawler Units for Houston Public Works.

This purchase consists of two (2) Autonomous Pipe Inspection Crawler Units. The Autonomous Pipe Inspection Crawler consists of a camera capable of inspecting 8"-12" diameter sanitary sewer or storm water pipes. This camera will allow for unmanned sewer inspections for a more efficient plan to resolve sanitary sewer inspections pertaining to sanitary sewer overflows, without requiring the mobilization of a large vehicle such as traditional Closed Circuit Television Video (CCTV) Trucks. This equipment will also assist with inspections required to comply with the requirements of the Consent Decree.

This project was advertised in accordance with the requirements of the State of Texas bid laws. One (1) bid was received via the City of Houston's Ariba procurement system.

<u>Company</u>	<u>Total</u>
RedZone Robotics Inc.	\$174,925.00

**MWBE Participation:**

Zero percentage goal document was approved by the Office of Business Opportunity.


**Hire Houston First:**


The proposed award requires compliance with the City's 'Hire Houston First' (HHF) ordinance that promotes economic opportunity for Houston businesses and supports job creation. In this case, RedZone Robotics, Inc. does not meet the requirements for HHF designation; no HHF firms were within three percent.

**Fiscal Note:**

Funding for this item is included in the FY25 Adopted Budget. Therefore, no Fiscal Note is required as stated in the Financial Policies.

11/1/2024


  
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11/4/2024

Jedediah Greenfield, Chief Procurement Officer  
Finance/Strategic Procurement Division

Randall V. Macchi, Chief Operating Officer  
Houston Public Works

DS  


**Estimated Spending Authority**

<u>Department</u>	<u>FY25</u>	<u>Out-Years</u>	<u>Total Amount</u>
Houston Public Works	\$174,925.00	\$0.00	\$174,925.00

**Prior Council Action:**

**Amount and Source of Funding:**

\$174,925.00 – Combined Utility System General Purpose Fund  
Fund: 8305

**Contact Information:**

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Brian Blum, Assistant Director	HPW/PFW	(832) 395-2717
Carolyn Hanahan, Assistant Chief Policy Officer	Finance/SPD	(832) 393-9127
Jedediah Greenfield, Chief Procurement Officer	Finance/SPD	(832) 393-9126

**ATTACHMENTS:**

<b>Description</b>	<b>Type</b>
Bid Tab - Autonomous Pipe Inspection	Backup Material
Ownership Information Form	Backup Material
Tax Report	Backup Material
CIQ - RedZone Robotics Inc.	Backup Material
OBO Waiver	Backup Material
COF (Form A)	Financial Information