



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 9/19/2023

ALL

Item Creation Date: 8/18/2023

S28860.A1 - Mobile Radiation Detectors System (Bubble Technology Industries, Inc.) - MOTION

Agenda Item#: 5.

Summary:

NOT A REAL CAPTION

BUBBLE TECHNOLOGY INDUSTRIES, INC. to Amend Council Motion No. 2020-0109, approved March 4, 2020, to increase the spending authority for the purchase of a Mobile Radiation Detector System for the Public Safety and Homeland Security - \$997,500.00 - Grant Fund

Background:

P16-S28860.A1 – Amend Council Motion No. 2020-0109, approved March 4, 2020, to increase the spending authority from \$5,500,000.00 to \$6,497,500.00, for the purchase of a Mobile Radiation Detector System for the Public Safety and Homeland Security.

Specific Explanation:

The Director of Public Safety and Homeland Security and the Chief Procurement Officer recommend that the City Council approve an amendment to Council Motion No. 2020-0109 to increase the spending authority from **\$5,500,000.00 to \$6,497,500.00** for Mobile Radiation Detector Systems, mounting components and accessories. Additionally, it is recommended that authorization be given to issue purchase orders, as necessary, to **Bubble Technology Industries, Inc.**

This award was approved by City Council on March 4, 2020, by Council Motion No. 2020-0109 for a thirty-six-month term with two one-year options in the amount not to exceed \$5,500,000.00. As of September 8, 2023, the remaining expenditure is \$1,295.00. This increase of \$997,500.00 will allow the Public Safety and Homeland Security to purchase additional Mobile Radiation Detector systems and the accompanying batteries for the systems. These units are approximately 100x more effective than the smaller portable radiation detectors that are being issued to individual officers. The radiation detection equipment can be mounted into police vehicles and/or marine units for increased range of detection of radiological and nuclear materials.

The scope of work requires the supplier to furnish, deliver, and perform requested calibration services and maintenance of the equipment. Mobile radiation detectors are portable, vehicle-mounted gamma and neutron radiation detectors with the ability to determine isotope, direction, and exposure rates for radioactive sources. They are used to sweep large areas such as stadiums or other public gatherings. These mobile systems are to be mounted on police patrol vehicles, helicopters, and boats for use as survey instruments to locate radioactive material as well as the discovery of terror devices. This equipment will be used by air crews, bomb techs, marine officers and patrol officers in the Greater Houston region. This project is supported by the Department of Homeland Security, Counter Weapons of Mass Destruction Office (CWMD).

The supplier will provide a five-year warranty on each FlexSpec system. The warranty includes annual software/hardware updates and applicable to the delivered version of the FlexSpec system. In addition, the warranty includes the parts, labor, and travel to the customer site to address any issues that cannot be readily resolved remotely.

M/WBE Participation:

M/WBE zero-percent goal document approved by the Office of Business Opportunity.

Fiscal Note:

No Fiscal Note is required on grant items.

9/13/2023

DocuSigned by:
Jedediah Greenfield

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Jedediah Greenfield, Chief Procurement Officer
Finance/Strategic Procurement Division

Department Approval Authority

Estimated Spending Authority			
Department	FY2024	Out Years	Total
Public Safety and Homeland Security	\$997,500.00	\$0.00	\$997,500.00

Prior Council Action:

