



## CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 10/15/2019

ALL

Item Creation Date: 9/11/2019

S28734 - Human Portable Radiation Detectors - MOTION

Agenda Item#: 11.

### Background:

**Formal Bids Received October 04, 2018 for S78 – S28734 Approve award to Bubble Technology Industries, Inc. in the amount not to exceed \$2,000,000.00 for Human Portable Radiation Detectors for the Public Safety and Homeland Security.**

### Specific Explanation:

The Director of the Public Safety and Homeland Security and the Chief Procurement Officer recommend that City Council approve an award to **Bubble Technology Industries, Inc.** on its low bid meeting specifications in the amount of \$1,523,087.70. Additional funding of \$431,000 is allocated for non-warranty repairs and the purchase of additional units for a **total award amount not to exceed \$2,000,000.00** for the Public Safety and Homeland Security. It is further requested that authorization be given to make purchases, as needed for a **thirty-six-month term with two one-year options.**

This project is supported by the Department of Homeland Security, Counter Weapons of Mass Destruction Office (CWMD). This award requires the Contractor to furnish, deliver, perform requested calibration services and maintenance of the equipment. Backpack radiation detectors are portable, battery powered gamma and neutron radiation detectors with the ability to determine direction and exposure rates for radioactive sources. They are used to sweep large areas such as stadiums or other public gathering. This equipment can be used as survey instruments to locate radioactive material as well as the discovery of terror devices. This equipment will be used by bomb techs, hazmat techs, and patrol officers in the Greater Houston region.

This project was advertised in accordance with the requirements of the State of Texas bid laws. Ten (10) prospective bidders downloaded the solicitation document from SPD's e-bidding website and five (5) bids were received as outlined below (based on unit price).

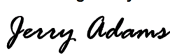
Company	Unit Cost
Nucsafe, Inc	\$22,500.00 (Did not meet specification)
Mirion Technologies, Inc	\$25,937.00 (Did not meet specification)
Bubble Technology Industries, Inc	\$37,985.00 ( <b>Meet user specification, best product for the law enforcement interdiction role</b> )
Berkeley Nucleonics Corporation	\$40,000.00 (Did not meet specification)
Radiation Solutions, Inc	\$47,655.00 (Did not meet specification)

### M/WBE Participation:

This bid was issued with a 11% M/WBE participation. Bubble Technology Industries, Inc. submitted a Good Faith Effort to the Office of Business Opportunity, which was approved. Therefore, Bubble Technology Industries, Inc. will not be required to meet the 11% M/WBE goal.

### Fiscal Note:

No Fiscal Note is required on grant funded items.

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**Jerry Adams, Chief Procurement Officer**  
 Finance/Strategic Procurement Division

10/8/2019

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**Department Approval Authority**

10/8/2019

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### Estimated Spending Authority

Department	FY2020	Out Years	Total
5000	\$1,569,000.00	\$431,000.00	\$2,000,000.00

**Amount of Funding:**

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**\$2,000,000.00**

Federal Government – Grant Fund

Fund No.: 5000

**Contact Information:**

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Kimberly House, Division Manager	FIN/SPD	(832) 393-0930

**ATTACHMENTS:**

Description	Type
Affidavit Ownership	Backup Material
Form A - Campaign Fair Ordinance	Backup Material
Form B - Campaign Fair Ordinance	Backup Material
Tax Report	Backup Material
Certificate of Fund	Backup Material
BTI Quote	Backup Material
Bid Tab	Backup Material
OBO Waiver	Backup Material
S28734 - Human Portable Radiation Detectors -YL	Backup Material