



CITY OF HOUSTON - CITY COUNCIL

Meeting Date: 7/14/2020

ALL

Item Creation Date: 6/9/2020

E29532 - Handheld Raman Spectrometers - MOTION

Agenda Item#: 15.

Background:

Sole Source for S85-E29532 - Approve a sole source purchase for handheld Raman spectrometers from Pendar Technologies, LLC in the total amount of \$143,000.00 for Public Safety and Homeland Security on behalf of the Houston Police Department.

Specific Explanation:

The Director of Public Safety and Homeland Security and the Chief Procurement Officer recommend that City Council approve a sole source purchase for handheld Raman spectrometers from **Pendar Technologies, LLC** in the total amount of **\$143,000.00** for the Houston Police Department.

This purchase is for two (2) Pendar® X10 (U.S. Patent No. 10,488,252) handheld Raman spectrometers which include training, hazardous chemical library updates, and a three-year labor and parts warranty. The instruments will be used by HPD’s Bomb Squad technicians.

The Pendar® X10 enables HPD’s Bomb Squad to quickly identify hazardous chemicals including highly fluorescent, dark, and sensitive materials. By increasing measurement distance and reducing the risks of laser-induced explosion and eye damage, the Pendar® X10 offers increased safety, accuracy, and speed in the field. The Pendar® X10 is the only handheld Raman spectrometer that uses two (2) 3R lasers that allow for a standoff distance of up to 3 feet to identify unknown hazards. This means that the Bomb Technician does not have to physically touch, gather, or take samples of suspected materials before testing them, improving the safety of the technician.

HPD performed a market research for similar products, but there is no other handheld, portable Raman spectrometers that utilize 3R lasers, do not require the use of several attachments, and that are safe for outdoor environments.

This recommendation is made pursuant to Chapter 252, Section 252.022 (a) (7) (A) “a procurement of items that are available from only one source because of patents, copyrights, secret processes, or natural monopolies” of the Texas Local Government Code for exempt procurement.

MWBE Participation:

Zero-percent goal document approved by the Office of Business Opportunity.

Hire Houston First:

This procurement is exempt from the City’s Hire Houston First Ordinance. Bids/proposals were not solicited because the department is utilizing a sole source contractor for this purchase.

Fiscal Note:

No Fiscal Note is required on grant items.

7/8/2020

DocuSigned by:
Jerry Adams

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

DocuSigned by:
Stephen Williams
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7/8/2020

Department Approval Authority

Estimated Spending Authority			
DEPARTMENT	FY2021	OUT YEARS	TOTAL
Public Safety and Homeland Security	\$143,000.00	\$0.00	\$143,000.00

Amount of Funding:

\$143,000.00

Federal / State / Local Pass Through Fund

Fund: 5030

Contact Information:

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ATTACHMENTS:

Description	Type
Affidavit of Ownership	Backup Material
Fair Campaign (Form A)	Backup Material
Tax Report	Backup Material
Interoffice Communication DPU	Backup Material
Quote	Backup Material
Funding Info (Form A)	Financial Information
MWBE 0% Waiver	Backup Material
Justification	Backup Material
US Patent	Backup Material
E29532-Handheld Raman Spectrometer.1.YL	Backup Material
E29532-Handheld Raman Spectrometer.2.YL	Backup Material
E29532-Handheld Raman Spectrometer.3.YL	Backup Material
E29532-Handheld Raman Spectrometer.4.YL	Backup Material
Handheld Raman Spectrometer Pendar X10	Backup Material