

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	February 6, 2017
	Agenda Item No.	35A
	Roll Call No.	<u>17-0202</u>
	Communication No.	<u>17-066</u>
	Submitted by:	Dana Wingert, Chief of Police

AGENDA HEADING:

Approval to purchase eight (8) FPX NANO Tactical X-Ray Scanners from ADS Inc. (621 Lynnhaven Parkway Suite 400 Virginia Beach, VA. 23452, Jason Wallace, CEO) for the eight (8) statewide Explosive Ordnance Detection (EOD) Teams.

SYNOPSIS:

The FPX NANO Tactical X-Ray Scanners are compact, light-weight machines operated by extended endurance batteries. The scanner operates from a wireless connection to send real time images to an integrated tablet. This allows the explosive technician to see the inner workings of a container or suspicious package from a safe distance and determine the best possible plan for mitigation. The equipment is light weight and can be transported in a backpack making the equipment much more time efficient and practical. This product is available per United States General Services Administration (GSA) Schedule 84, Contract GS-07F-0207M.

FISCAL IMPACT:

Amount: \$278,067.36

Funding Source: The Homeland Security 2016 Explosive Ordnance Detection (EOD) grant (HSP00016) Page 207 of the Recommended Operating Budget; Departmental Detail fiscal year 2017.

ADDITIONAL INFORMATION:

The equipment has been tested and endorsed by the FBI Hazardous Device School and the National Association of Bomb Squad Commanders which is the certifying authority for equipment used by bomb units across the nation. The NANO is compatible with the existing large capacity x-ray systems currently used by the teams. The two (2) x-ray systems will share a software system that will record pertinent information and assist the technician in their decisions for mitigation.

The equipment purchase for grant eligibility was presented to and approved by the Homeland Security oversight committee as well as the local Homeland Security steering committee. The eight (8) FXP NANOs being requested for purchase, will be funded by the Homeland Security 2016 EOD Grant and will be distributed one (1) per certified team across the state of Iowa. The Des Moines Police Department serves as Statewide Administrator of the EOD Grant.

The FPX NANO Tactical X-Ray Scanners are equipped with innovative low- profile scan head moving across the imaging plate line-by-line to electronically capture and store the targeted image. This image is then transmitted wirelessly to the tablet to offer a near real-time image of the object being scanned. The transmitted image appears on a 10-inch tablet allowing the explosive technicians to view the image from a safe distance and share the image with other technicians so a well-informed plan can be made for mitigation or disposal of the object. The scanner is very light-weight (5.1-lbs) making the equipment highly portable and versatile in small spaces. To reduce maintenance costs the equipment does not contain glass screens or plates.

PREVIOUS COUNCIL ACTION(S):

Date: September 12, 2016

Roll Call Number: [16-1538](#)

Action: [Acceptance](#) of 2016 Homeland Security Weapons of Mass Destruction (WMD)/SWAT and the Explosive Ordnance Detection (EOD) Grant, \$469,203. ([Council Communication No. 16-493](#)) Moved by Gatto to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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