

675
**SUBMITTAL TO THE BOARD OF SUPERVISORS
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



FROM: Stanley Sniff, Sheriff - Coroner - PA

SUBMITTAL DATE:
 08/02/11

SUBJECT: Approval of a Sole Source Purchase of a Video Feed X-ray System for Bomb Inspection From Envision CmosXray for the Sheriff's Hazardous Device Team

RECOMMENDED MOTION: Move that the Board of Supervisors

1. Authorize the Purchasing Agent to purchase a Video X-ray System for explosives inspection from Envision CmosXray LLC, at a cost not to exceed \$72,500, without securing competitive bids, in accordance with Ordinance 459.4.
2. Authorize the Sheriff's Department Purchasing to utilize Envision CmosXray for maintenance and supplies through June 30, 2016, based on the availability of funding and provided annual expenditures to the vendor do not exceed \$25,000.
3. Approve and direct the Auditor-Controller to make the budget adjustments on the attached Schedule A.

BACKGROUND: (Continued on Page 2)

BR 12-019

Will Taylor For

Stanley L. Sniff, Jr., Sheriff - Coroner - PA
 Will Taylor, Director of Administration

FINANCIAL DATA

Current F.Y. Total Cost:	\$72,500	In Current Year Budget:	No
Current F.Y. Net County Cost:	\$5,500	Budget Adjustment:	Yes
Annual Net County Cost:	\$0	For Fiscal Year:	2011-12

SOURCE OF FUNDS: Federal Homeland Security Grant Program and Department budget

Positions To Be Deleted Per A-30	<input type="checkbox"/>
Requires 4/5 Vote	<input checked="" type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: *Robert Tremaine*
 Robert Tremaine

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Buster, seconded by Supervisor Stone and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Buster, Tavaglione, Stone, Benoit and Ashley
 Nays: None
 Absent: None
 Date: August 16, 2011
 xc: Sheriff, EO, Auditor, Purchasing

Keisia Harper-Ihem
 Clerk of the Board
 By: *Keisia Harper-Ihem*
 Deputy

Prev. Agn. Ref.:

ATTACHMENTS FILED District: ALL

Agenda Number:

3.81

WITH THE CLERK OF THE BOARD

FISCAL PROCEDURES APPROVED
 PAUL ANGULO, CPA, AUDITOR-CONTROLLER
 BY: *Samuel Wong*
 Samuel Wong, Auditor-Controller
 Purchasing: *Mark Seiler*
 Mark Seiler, Assistant Director

Policy Policy
 Consent Consent
 Dept's Recomm.:
 Per Exec. Ofc.:

Sole Source Approval and Budget Adjustments for a Video X-ray System

BR 12-019

Page 2

The Sheriff's Hazardous Device Team (HDT) is proposing to purchase Envision's Open Vision LT-S X-ray system, because it is the only system, currently on the market, that provides a real-time video feed of an X-ray image using the display monitor of any one of three different robotic platforms. Other X-ray systems only provide a still photograph; whereas the Open Vision provides a live feed of any moving parts, such as a timer or clock, which may be in a package or container.

This X-ray video system will also allow the operator to move around the entire package and quickly view all of its contents. The HDT's X-ray ability is currently limited to still photographs. With still x-ray shots, staff is required to take several photographs of a container, and attempt to put them together in order to replicate the overall view of the container.

Further, with the team's current digital-ray photograph systems, the bomb technician must approach the suspected package to take the photographs, exposing the technician to harm. The Open Vision system attaches to and is deployed using the Remotec F6A, the HD1 or the ICOR Caliber bomb robots. The X-ray video feed is viewed by toggling the view options on a robot's control panel and then displayed to the operator using the robot's display monitor. This seamless integration affords a live bomb technician the ability to fully inspect a potential bomb in a suspicious package from a safe distance. This ability greatly enhances the efficiency of the team, and will drastically increase the safety of the bomb technicians on future operations.

Beyond the obvious advantages of the video X-ray system, traditional X-ray film is no longer available and our current supply is quickly diminishing. So the team's transition to the video system is only a matter of time.

Price Reasonableness: Envision's list price for the system, excluding add-ons or other options, is \$74,900. The Sheriff's Department will get Envision's cooperative purchasing open market price for law enforcement agencies of \$58,860.17. With required adapters for our bomb robots and other system add-ons totaling \$7,880, sales tax and shipping cost, the total system cost will not exceed \$72,500.

Sheriff's Department Funding: The Sheriff's Department is a Board-appointed member of the Anti-Terrorism Approval Authority (ATAA), and the Sheriff's HDT is a member of the County-wide HazMat Operations Group (CHOG). Federal pass-through funds awarded to the County under the State Homeland Security Grant Program and administered by the Community Health Agency, have been supporting CHOG drills and training for hazardous material emergencies. The ATTA has approved \$67,000 of this funding for the HDT to purchase the X-ray video system. The Department will fund the remaining cost from its budget.

Schedule A

Increase Appropriations:

10000-2500300000-546160	Equipment - Other	\$67,000
-------------------------	-------------------	----------

Increase Estimated Revenue:

10000-2500300000-767220	Federal – Other Operating Grants	\$67,000
-------------------------	----------------------------------	----------

Date: July 25, 2011
From: Will Taylor, Director of Administration **Department:** Riverside Sheriff's Dept
To: Board of Supervisors
Via: Purchasing Agent
Subject: Sole Source Procurement; Request Open Vision X-ray system

The below information is provided in support of my Department requesting approval for a sole source. Outside of a duly declared emergency, the time to develop a statement of work or specifications is not in itself justification for sole source.

1. Supply/Service being requested:
Open Vision LT-S System

2. Supplier being requested:
Envision Cmos X-ray LLC

3. Alternative suppliers that can or might be able to provide supply/service:
None, all other known X-ray systems provide still photographs.

4. Extent of market search conducted:
Internet searches, International Association of Bomb Technicians and Investigators listing of X-ray vendors; contacting potential vendors and the bomb squad community.

5. Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:
The Open Vision LT-S X-ray system is the only system that provides a real-time video feed of an X-ray image using the display monitor for three different robotic platforms. Other X-ray systems only provide a still photograph; whereas the Open Vision provides a live feed of any moving parts, such as a timer or clock, which may be in a package or container.

6. Reasons why my department requires these unique features and what benefit will accrue to the county:
This X-ray video ability will provide the Hazardous Device Team with real-time video of any potential movement inside of package or container. It also allows for the operator to move around the entire package and quickly view all of the contents. The X-ray ability of the Hazardous Device Team is currently limited to still photographs. This X-ray method would require we take several photographs of a container and attempt to put them together in order to replicate the overall view of the container. The traditional X-ray film is no longer available and our current supply is quickly diminishing. The team has two digital X-ray photograph systems that only provide a still picture after a bomb technician has approached the suspected device and taken the photograph.

The Open Vision system is deployed via one of three robotic platforms currently in use by the Hazardous Device Team. The Open Vision system attaches to and is deployed using the Remotec F6A, the HD1 and the ICOR Caliber. The X-ray videos are viewed by toggling the view options on the robots control panel and then displayed to the operator using the robots display monitor. This seamless integration prevents exposing a live bomb technician to the dangers of the potential bomb in a suspicious package by approaching it and viewing the live X-ray video using only a robot. This ability greatly enhances and the efficiency of the Hazardous Device Team and will drastically increase the safety of the bomb technicians on future operations.

7. Price Reasonableness including purchase price and any ongoing maintenance or ancillary costs from the supplier:

\$72,500. The County received the same pricing as other U.S. law enforcement agencies.

8. Does moving forward on this product or service further obligate the county to future similar contractual arrangements or any ongoing costs affiliated with this sole source (Maintenance, support, or upgrades, if so, please explain)?

Yes. The Department would want to use Envision for any maintenance or repairs required. In addition, the Department may want to purchase upgrades or optional parts.

9. Period of Performance:

July 1, 2011 to June 30, 2012. The Department is also requesting that the sole source approval extend for four additional years.

Department Head Signature

Date

Purchasing Department Comments:

Approve

Approve with Condition/s

Disapprove



Purchasing Agent

8-3-11

Date