

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



114

**FROM:** Stan Sniff, Sheriff-Coroner-PA

**SUBMITTAL DATE:**  
06/07/16

**SUBJECT:** Ratify and execute the Agreement with ICOR Technology Inc. for the purchase of parts to upgrade two bomb robots and on-going service without securing competitive bids for five years. [All District]. [\$156,478 Five Year Total]; [\$25,000 annually or ongoing]; 36% Grant Funded; 64% General Fund

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Ratify and execute the Agreement with ICOR Technology Inc. for the purchase of parts to upgrade two robots without seeking competitive bids for \$56,480, and;
2. Approve and authorize the Purchasing Agent to purchase parts and on-going maintenance services for an amount not to exceed \$25,000 annually starting in year two to five without securing competitive bids, in accordance with Ordinance 459.

**BACKGROUND:**

**Summary**

On July 3, 2012, item 3.34, the Board approved the sole source purchase of two two-armed robots (ROV), commonly known as bomb robots, to accomplish missions of the Sheriff's Hazardous Device Team (HDT). The robots were purchased with Federal Homeland Security Grant funds through ICOR Technology.

(Continued on Page 2)

*Stan Sniff*  
Stan Sniff  
Sheriff-Coroner-PA  
by Will Taylor, Dir. Of Administration

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 56,480	\$ 25,000	\$ 156,478	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 480	\$ 25,000	\$ 100,480	\$ 0	
<b>SOURCE OF FUNDS: 36%UASI Grant, 64% General Fund</b>				<b>Budget Adjustment: No</b>	
				<b>For Fiscal Year: FY15/16-19/20</b>	

**C.E.O. RECOMMENDATION:** APPROVE

BY: *Elizabeth J. Olson*  
Elizabeth J. Olson

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Jeffries, seconded by Supervisor Ashley and duly carried,  
IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Washington, Benoit and Ashley  
Nays: None  
Absent: Tavaglione  
Date: July 12, 2016  
xc: Sheriff, Purchasing

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

FISCAL PROCEDURES APPROVED  
PAUL LANGULO, CPA, AUDITOR-CONTROLLER  
BY: *Esteban Hernandez* 6/7/16  
Departmental Concurrence

Purchasing & Fleet Services: *Teresa Summers*  
Teresa Summers, Assistant Director

A-30  Positions Added  
4/5 Vote  Change Order

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA  
FORM 11: Ratify and execute the Agreement with ICOR Technology Inc. for the purchase of parts  
to upgrade two bomb robots and on-going service without securing competitive bids for five  
years. [All District]. [\$156,478 Five Year Total]; [\$25,000 annually or ongoing]; 36% Grant Funded;  
64% General Fund**

**DATE: 06/07/16**

**PAGE: 2 of 2 (BR 16-058)**

**BACKGROUND:**

**Summary (continued)**

At that time ICOR was the only manufacturer that offered a two-armed ROV system with the small vehicle mobility and operational support which HDT requires.

The Sheriff's Department is requesting to upgrade the two bomb robots with a digital Coded Orthogonal Frequency Division Multiplexing (COFDM) video. The COFDM system is a digital antenna system which has the capability to allow the robots to be controlled from up to 1 km away (non-line of sight). This is ideal for the team operating the robots over large areas or through buildings. Upgrading the ICOR robots from the current analog radio system to the digital COFDM will allow the robot operator to maintain control of the robot from greater distance, with a clearer image, regardless of the type of terrain or type of building the robot may have to enter.

**Impact on Residents and Businesses**

The ICOR robots are used on bomb calls to get eyes on potential hazardous devices, take x-rays of those devices, deploy energetic tools (if necessary), and conduct searches of hazardous areas. The robots are also used on Special Weapons and Tactics team (SWAT) calls to assess the inside of a residence where a suspect has barricaded himself/herself in, communicate with a barricaded suspect from the command post, deploy a throw phone, illuminate a section of a residence for SWAT members, open or close doors upon SWAT's request, and search a residence. The robots are also used on HAZMAT calls by placing monitors on the robots and sending them in a hazardous environment to get readings to ensure safety for HAZMAT personnel. All of the above mentioned uses protect the lives of citizens and public safety personnel.

**Additional Fiscal Information**

On February 2, 2016, item 3-12, the Board of Supervisors accepted the FY15 Urban Area Security Initiative (UASI) grant award of \$56,000 to be used to refurbish two existing robots. The total purchase price for parts, including shipping and handling is \$56,480, of which \$56,000 will be paid through the grant (UASI Grant #2015-00078, CFDA #97.067, Cal OES ID#065-62000) and the remaining balance \$480 will be paid from the general fund. Additionally, the Department is requesting for \$25,000 annually for the purchase of parts and maintenance services for four (4) additional years, renewable in (1) year increments through June 30, 2020. The annual amount will be paid through the general fund.

**Contract History and Price Reasonableness**

ICOR Technology is the sole manufacturer of their robot parts as well the sole service provider for maintenance. The vendor is offering a 13% discount on parts for this order.

Date: 06/07/16  
From: Will Taylor, Director of Administration  
To: Board of Supervisors  
Via: Deputy Press #3883, Sheriff's Department / HDT, 951-955-6611  
Subject: Sole Source Procurement; Request for parts to upgrade two bomb robots

The below information is provided in support of my Department requesting approval for a sole source.

1. **Supplier being requested:** ICOR Technology Inc.
2. **Vendor ID:** 82582
3. **Supply/Service being requested:** Request to purchase two digital Coded Orthogonal Frequency Division Multiplexing (COFDM) videos to upgrade two existing robots. In addition, HDT would like to request to spend up to \$25,000 annually for parts and maintenance services to maintain the robots.
4. **Alternative suppliers that can or might be able to provide supply/service and extent of market search conducted:** ICOR Technology is the manufacturer and sole proprietor of the robots owned by the Department. On July 3, 2012 per Agenda 3.34, the Board approved the sole source purchase of two two-armed robots (ROV), commonly known as bomb robots, to accomplish missions of the Sheriff's Hazardous Device Team (HDT). At that time ICOR was the only manufacturer that offered a two-armed ROV system with the small vehicle mobility and operational support which HDT requires.
5. **Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:** The COFDM digital system is a digital antenna system which has the capability to allow the robots to be controlled from up to 1 km away (non-line of sight). This is ideal due to either our team operating our robots over large areas or through buildings. Upgrading the ICOR robots from the current analog radio system to the digital COFDM will allow the robot operator to maintain control of the robot, from a greater distance, with a clearer image, regardless of the type of terrain or type of building the robot may have to enter.
6. **Reasons why my department requires these unique features and what benefit will accrue to the county:** The Hazardous Device Team currently has two ICOR robots. We use our robots on bomb calls to get eyes on potential hazardous devices, take x-rays of those devices, deploy energetic tools (if necessary), and conduct searches of hazardous areas. We use our robots on SWAT calls to get eyes inside a residence that a suspect has barricaded himself/herself in, communicate with a barricaded suspect from the command post, deploy a throw phone, illuminate a section of a residence for SWAT members, open or close doors upon SWAT's request, and to search a residence. We also can use our robots on HAZMAT calls by placing monitors on our robots and sending them in a hazardous environment to get readings for HAZMAT personnel.

**7. Period of Performance:** Request for a one-time purchase for parts and services to upgrade two bomb robots in the amount of \$56,480

In addition, the Department is requesting to purchase parts on-going maintenance services for an amount not to exceed \$25,000 annually through June 30, 2020. This request will start in year two thru five, renewable in one year increment.

Is this an annually renewable contract?  No  Yes

Is this a fixed-term agreement:  No  Yes

*(A fixed-term agreement is set for a specific amount of time; it is not renewed annually. Ensure fixed-term agreements include a cancellation, non-appropriation of funds, or refund clause. If there is no clause(s) to that effect, than the agreement must be submitted to the Board for approval.)*

**8. Identify all costs for this requested purchase. If approval is for multiple years, ongoing costs must be identified below. If annual increases apply to ongoing costs such as CPI or other contract increases, provide the estimated annual cost for each consecutive year. If the annual increase may exceed the Purchasing Agent’s authority, Board approval must be obtained. (Note: ongoing costs may include but are not limited to subscriptions, licenses, maintenance, support, etc.)**

Description:	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	Total
One-time Costs:						
<i>Digital COFDM Video (2)</i>	52,294.80					
<i>Tax 8%</i>	4,183.59					
Ongoing Costs:						
<i>Parts and maint. service</i>		25,000	25,000	25,000	25,000	100,000
<b>Total Costs</b>	<b>56,478.39</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>156,478.39</b>

*Note: Insert additional rows as needed*

**9. Price Reasonableness:** The total price includes 13% discount from the vendor.

The total purchase amount is \$56,478.39, of which \$56,000 will be paid through the UASI Grant (Grant #2015-00078, CFDA #97.067, Cal OES ID #065-62000) and the remaining balance of \$478.39 will be paid from the general fund. The annual cost for parts and maintenance service in the amount of \$25,000 will be paid through the general fund.

**10. Projected Board of Supervisor Date (if applicable):** 06/07/2016  
*(Form 11s must accompany the sole source request for Purchasing Agent approval.)*

