

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

710



**SUBMITTAL DATE:**  
3/12/15

**FROM:** Sheriff-Coroner-PA

**SUBJECT:** Approval of Tactical Electronics as the Sole Source Provider of training for the 2nd Line bomb disablement tool kit, District All. [\$39,798 – General Fund 100%]

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

1. Authorize the Purchasing Agent to issue a Purchase Order for advanced bomb technician training to Tactical Electronics, on behalf of the Sheriff's Department, for a cost not to exceed \$39,798 in FY 2014-15, without securing competitive bids, in accordance with Ordinance 459.4.

(Continued on Page 2)

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

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ 39,798	\$ 0	\$ 39,798	\$ 0	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 39,798	\$ 0	\$ 39,798	\$ 0	
<b>SOURCE OF FUNDS:</b> General Fund 100%				<b>Budget Adjustment:</b> No	
				For Fiscal Year: 14/15	

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

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

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

FISCAL PROCEDURES APPROVED  
PAUL ANGULO, CPA, AUDITOR-CONTROLLER  
BY: *Esteban Hernandez*  
Esteban Hernandez

Departmental Concurrence

PURCHASING & FLEET SERVICES  
*Lisa Brandl*  
Lisa Brandl, Director

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.:

District: All

Agenda Number:

3-33

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**  
**FORM 11:** Approval of Tactical Electronics as the Sole Source Provider of training for the 2nd Line bomb disablement tool kit, District All. [\$39,798 – General Fund 100%]

**DATE:** 3/12/15

**PAGE:** 2 of 2 (BR 15-069)

**BACKGROUND:**

**Summary**

The Sheriff's Department Hazardous Device Team (HDT) purchased the 2<sup>nd</sup> Line backpack kit through the County Purchasing competitive bid process from Tactical Electronics. The 2<sup>nd</sup> Line tool kit is used by bomb technicians when robots and other remote tools are not an option.

Tactical Electronics provides complex and advanced training for bomb technicians. This type of training is essential due to the rapidly advancing dynamics of intelligent electronic device (IED) circuits. Tactical Electronics has large training contracts with military bomb units and the FBI Hazardous Device Operations Center. Their staff of instructors has a wide range of experience dealing with bombs in several hostile areas around the globe. They share these experiences by creating devices and scenarios that are realistic and thought provoking for bomb technicians. The training will focus on using the tools in the kit to identify, diagnose and render safe an IED.

Tactical Electronics is the only vendor that will adjust their training schedule to meet the Department's needs. Tactical Electronics is capable and willing to provide specific training using the 2<sup>nd</sup> Line tool kit and adjust the normal two week schedule into a six day course.

This is continuing education for Bomb Technicians and was included in the FY 2014/15 budget submission. Therefore, no budget adjustment is necessary.

**Price Reasonableness**

Tactical Electronics agreed to fit the curriculum within six days which reduced the cost of the course from \$65,000 to \$39,800. This price includes several training IED's, travel, room, board, vehicle rental, instructors' time, and materials necessary for the course.

**Impact on Citizens and Businesses**

This training is essential to bomb technicians when attempting to render safe a complicated IED to protect innocent civilian lives.

**Attachment**

Single Source Procurement Request.

Date: December 30, 2014  
From: Will Taylor, Director of Administration      Department/Agency: SEB  
To: Board of Supervisors  
Via: Purchasing Agent  
Subject: Single Source Procurement; Request for Electronics Training from Tactical Electronics

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:** The Hazardous Device Team (HDT) is requesting a single source approval for Tactical Electronics to provide a customized six day training utilizing the 2<sup>nd</sup> Line backpack of bomb disablement tools.
2. **Supplier being requested:** Tactical Electronics
3. **Alternative suppliers that can or might be able to provide supply/service:** HDT reached out to several vendors, WMD Tech, AT Solutions, and Electronic Warfare Solutions, but Tactical Electronics was the only vendor willing to adjust their typical training schedule to meet our needs.
4. **Extent of market search conducted:** HDT contacted WMD Tech, AT Solutions, and Electronic Warfare Solutions. None of these vendors were as capable, or willing to provide specific training using the 2<sup>nd</sup> Line tool kit, and to adjust their normal 2 week schedule into a shorter time frame to reduce costs.
5. **Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:** Tactical Electronics provides complex and advance training for bomb technicians. They have large training contracts with military bomb units and the FBI Hazardous Devices Operation Center. Their staff of instructors possesses a wide range of experience dealing with bombs in several hostile areas around the globe. They share this experience by creating devices and scenarios that are realistic and thought provoking for bomb technicians. The Department purchased the 2nd Line backpack kit through the competitive process, in which the kit is manufactured by Tactical Electronics. Although other vendors were contacted, they were unfamiliar with the tool kit to provide a comprehensive training of the product. The training will focus on using the tools in the kit to identify, diagnose and render safe an IED.

Additionally, the Department negotiated with Tactical Electronics to reduce their initial suggestion of a two week course of \$65,000 to a six (6) days course of \$39,800. The vendor's willingness to fit their curriculum into six days will result in significant savings for HDT while maximizing the training value. The specialized training curriculum is outlined below:

**Training Day 1: Practical Circuit building** – Individual circuit building will be conducted emphasizing troubleshooting methods and techniques, and analysis of the circuits used to either arm or fire the IED/WMD.

**Training Days 2-3: Manual neutralization techniques**-Practical Drills immerse the Bomb Technician into scenarios similar to what he/she might encounter in current or future operating environments. Practical exercises will be conducted various conditions.

**Training Day 4:** Commercial security systems on system overview, typical installation procedures, types of sensors and operating parameters, end of line resistors, and diagnostic procedures. Tabletop practical lab focusing on commercial alarm build up, tabletop sensor diagnostics, application of electrical theory, and Substitution defeat concepts

**Training Day 5:** Tabletop practical lab focus on hardwire sensor defeat using Tactical Electronics Alarm Bypass Trainer (ABT).

**Training Day 6: Advanced Neutralization Techniques-** Practical Drills immerse the Bomb Technician into scenarios similar to what he/she might encounter in current or future operating environments. Practical exercises will be conducted various conditions.

6. **Reasons why my department requires these unique features and what benefit will accrue to the county:** The ability to manually recognize, identify, diagnose and render safe electronic IED circuits is one of most crucial skills a bomb technicians can have. It is also one of the most perishable. This training is essential to ensuring all bomb technicians assigned to HDT have the ability to successfully render safe a complicated IED when innocent lives are at risk. When robots and other remote tools are not an option, this type of training is what the bomb technicians rely on in order to provide public safety. Due to the rapidly advancing and constantly changing dynamics of electronic IED circuits, this training is essential and it is the type of training that will make HDT successful when the time comes.
7. **Price Reasonableness including purchase price and any ongoing maintenance or ancillary costs from the supplier:** The price includes several training IEDs that Tactical Electronics will bring for HDT to render safe. The quote for \$39,800 includes travel, room and board, vehicle rental, instructors' time, and materials/training aids required by the course.

In most cases, class tuition for one person to attend this type or training at offsite locations runs around \$3,000 to \$4,000 per person. Then there is the added cost of travel, lodging, a rental car and meals in order for one person to attend the course. And then only one person on the team has that knowledge, and it is very difficult to get a team benefit from that expense.

By having Tactical Electronics come to us for one week, all of HDT will receive the same training and the comprehension of the material is significantly increased by having all twelve (12) team members present. Additionally, this team exposure allows us to more effectively remediate the material throughout the year because each person was exposed to the same instruction and they can refresh each other's memory in future team training events.

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?** No. This is a one-time purchase of a specific training curriculum. No further costs are part of this arrangement.

9. **Period of Performance:** HDT is seeking a one-time single source approval in the amount of \$40,000.

  
\_\_\_\_\_  
Chief Deputy Signature

03/19/15  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Department Head Signature

4/2/15  
\_\_\_\_\_  
Date

Purchasing Department Comments:

Approve

Approve with Condition/s

Disapprove

Not to exceed: \$ 39,798.00    One time    Annual Amount through \_\_\_\_\_

Lisa Brundell

4/8/15

15-464

**Purchasing Agent**

**Date**

**Approval Number**  
(Reference on Purchasing Documents)