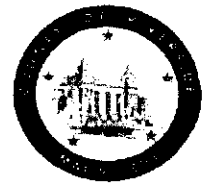


**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

920



**FROM: FIRE**

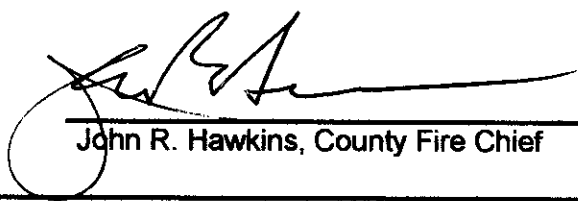
**SUBMITTAL DATE:**  
January 14, 2008

**SUBJECT:** Sole Source Purchase of Seventeen (17) units of Masimo RAD 57 Pulse CO-Oximeter Carbon Monoxide Monitors.

**RECOMMENDED MOTION:** Move that the Board of Supervisors authorize the Sole Source purchase of Seventeen (17) RAD 57 Pulse CO-Oximeter Carbon Monoxide Monitors from Bound Tree Medical LLC in the amount of \$69407.17 without seeking competitive bids, in accordance with Ordinance 459.4

**BACKGROUND:** The County of Riverside Fire Department currently does not have the means to evaluate and assess employees after and during the process of fighting fires for Carbon Monoxide poisoning. Three years ago Masimo Corporation introduced the RAD 57 Monitor to the market providing a less costly and non invasive procedure to detect carbon monoxide poisoning in the blood stream. This product is not only non invasive it also provides the sensor reading of carbon monoxide within a 15 to 20 minute process.

Purchasing: Billy Cornett  
Billy Cornett, Purchasing Manager

  
 \_\_\_\_\_  
 John R. Hawkins, County Fire Chief

2/4/08

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 69,407	In Current Year Budget:	YES
	Current F.Y. Net County Cost:	\$ 22,210	Budget Adjustment:	NO
	Annual Net County Cost:	\$ 0	For Fiscal Year:	07/08

<b>SOURCE OF FUNDS: County Funds (32%), Structural Fire Taxes (54%), Contract Revenue (74%)</b>	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

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

APPROVE

BY:   
Robert Tremaine

**County Executive Office Signature**

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

**Prev. Agn. Ref.:** | **District: ALL** | **Agenda Number:**

3.33

**TO: BOARD OF SUPERVISORS**

**DATE: January 14, 2008**

**\SUBJECT: Purchase of Seventeen (17) Masimo      PAGE: 2**  
**RAD 57 Pulse CO-Oximeter Carbon Monoxide Detectors**

**BACKGROUND (continued):** In the past carbon monoxide detection in the blood stream has been conducted by drawing blood and a continuous reading of CO levels was non existent. The Masimo product RAD 57 unit is the only (FDA) Food and Drug Administration approved categorized "Pulse Oximeter and Sensor" available to provide a noninvasive assessment of carboxyhemoglobin and methemoglobin in the blood stream through a finger sensor. This product will also be utilized on any suspected carbon monoxide exposure emergencies within the County of Riverside which not only provides a benefit to the fire department employees, but also to the public we serve.

**PRICE REASONABLENESS:** Bound Tree Medical LLC is providing approximately a 27% discount from manufacturer list pricing. At no additional charge will provide the following: carrying case retailed at \$95.00, adult finger sensor retailed at \$695.00, four each AA batteries, and one year parts and labor warranty on product. Total cost for the seventeen units \$69,407.17 tax included.

**Date:** January 30, 2008  
**From:** John R. Hawkins      **Department/Agency:** Fire  
**To:** Board of Supervisors  
**Via:** Purchasing Agent  
**Subject:** Sole Source Procurement; Request the purchase of (17) seventeen Masimo Rad-57 Carbon Monoxide Monitors.

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.

**Supply/Service being requested:**  
Noninvasive Carbon Monoxide Monitors for Fire Dept. use in the rehabilitation assessment of fire fighters after and/or during structure and wildland fire incidents. This will help provide firefighter safety and for use in any suspected Carbon Monoxide emergency incidents.

**Supplier being requested:**

Bound Tree Medical LLC  
Corporate Office  
P.O. Box 8023  
Dublin, OH. 43016-2023  
Tel: 800-533-0523  
Fax: 800-257-5713

**Alternative suppliers that can or might be able to provide supply/service:**  
The Masimo Corporation is the sole manufacturer of the Rad-57 whose sole distributor is Bound Tree Medical LLC.

Masimo Corporation  
40 Parker  
Irvine, CA 92618  
Tel: 800-326-4890  
Fax: 858-484-9334

**Extent of market search conducted:**  
Fire Dept. (EMS) Emergency Medical Services employees conducted research online, at trade-shows, and from Fire EMS/Rescue trade magazines. The Purchasing section for Fire met with vendors, obtained bids, and conducted telephone surveys with other local fire departments and agency's currently utilizing this product.

Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:

Though there are many different (FDA) Food and Drug Administration approved categorized "Pulse Oximeter and Sensor" units available in the market, this Masimo product Rad-57 unit is the only FDA approved product available to provide a noninvasive assessment of carboxyhemoglobin and methemoglobin in the blood stream through a finger sensor.

Reasons why my department requires these unique features and what benefit will accrue to the county:

Carbon Monoxide exposure can be life threatening to members of the public and firefighters. Often time's exposure to carbon monoxide can be misdiagnosed as other illness such as the flu or fatigue, such misdiagnosis can lead to improper treatment. This product will help provide clear assessments of exposure to (CO) Carbon Monoxide to fire fighters working a fire incident or any suspected CO exposure emergency as well as any victims rescued from such an incident.

Price Reasonableness:

Bound Tree Medical LLC is providing approximately a 27% discount from manufacturer list pricing. At no additional charge will provide the following: carrying case retailed at \$95.00, adult finger sensor retailed at \$695.00, four each AA batteries, and one year parts and labor warranty on product. Total cost for the seventeen units \$69,407.17 tax included.

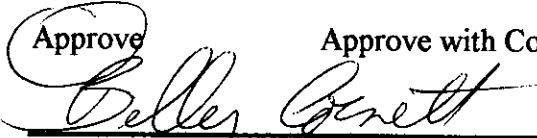
Does moving forward on this product or service further obligate the county to future similar contractual arrangements?

Fire will be evaluating the function of these units to determine if expansion of this technology will be necessary. No fiscal impacts are anticipated other than the occasional replacement of sensor parts and maintenance. Manufacturer life expectancy of units is eight to ten years.

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

2/4/08  
\_\_\_\_\_  
Date

Purchasing Department Comments:

<p>Approve</p> <p> _____ Purchasing Agent</p>	<p>Approve with Condition/s</p>	<p>Disapprove</p> <p>2-05-08 _____ Date</p>
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