

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

604



FROM: Community Health Agency - Department of Environment Health

SUBMITTAL DATE:
July 26, 2011

SUBJECT: APPROVE SOLE SOURCE PURCHASE OF THE AHURA FIRST DEFENDER FROM THERMO FISHER SCIENTIFIC

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the Sole Source purchase of the Ahura First Defender from Thermo Fisher Scientific for total amount including tax and deliver not to exceed \$55,000, and;
2. Authorize the Purchasing Agent, in accordance with Ordinance No. 459.4, to exercise the renewal option for maintenance services for the life cycle of the system and make future Sole Source purchase, based on the availability of fiscal funding.

BACKGROUND:

The Ahura First Defender is a lightweight, rugged instrument used for rapid identification of unknown solids and liquids, including narcotics, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), explosives, chemical warfare agents (CWAs), unknown white powders, narcotics and more.

(Continued on Page 2)

Steve Van Stockum

Steve Van Stockum, Director
Department of Environmental Health

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 55,000	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	11/12

SOURCE OF FUNDS: 100% Reimbursement from CHOG (County Hazardous Operations Group) Grant	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: *Debra Courmoyer*
Debra Courmoyer

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: CHA-Environmental Health, Purchasing

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

Prev. Agn. Ref.: District: All Agenda Number:

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

3.12

Departmental Concurrence

Purchasing: Mark Seiler, Assistant Director

Policy Policy
 Consent Consent

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

Form 11

**SUBJECT: APPROVE SOLE SOURCE PURCHASE OF THE AHURA FIRST
DEFENDER FROM THERMO FISHER SCIENTIFIC**

PAGE 2

BACKGROUND (CONT.): The Ahura First Defender uses optical RM Raman spectroscopy technology which will identify thousands of solids and liquids on-site. Due to the handheld unit being lightweight, it can be taken into hot zones using Level A personal protective equipment. The unit is rugged enough to be decontaminated in the field and requires no further calibration or additional consumables. The point-and-shoot operation means that it can identify unknowns through sealed containers (including glass, plastic and envelopes); which reduces the exposure to potentially hazardous materials for responders and the environment. The unit has a built-in vial mode which can be utilized for sample readings of unknowns. The spectral library can quickly identify over 6500 chemicals and mixtures of chemicals. Currently, Environmental Health does not have equipment that meets all of these needs. With this unit, our staff will be better prepared when dealing with unknown solids and liquids.

PRICE REASONABLENESS: On May 16, 2011, Riverside County Purchasing released RFQ# HSARC-175, with bid notifications being sent to multiple bidders, and posted on publicpurchase.com. The bid closed on May 31, 2011 and the County received back one bid at \$50,000; plus the state use tax in the amount of \$3,875. After receiving no other bids, we contacted vendors in the industry but they had no similar product they wished to bid on.

PERIOD OF PERFORMANCE: July 1, 2011 to June 30, 2012, with optional four additional years of Sole Source purchases based on the availability of department's operating budget.

Date: June 29, 2011

From: Steve Van Stockum, Director **Department:** Environmental Health

To: Board of Supervisors

Via: Purchasing Agent

Subject: Sole Source Procurement – **Purchase of one (1) Ahura First Defender RM Spectroscopy**

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: **Purchase one (1) Ahura First Defender RM Raman Spectroscopy**

Supplier being requested: **Thermo Fisher Scientific**

Alternative suppliers that can or might be able to provide supply/service: **None. Ahura is owned by Thermo Scientific and partners with Fisher Scientific which owns the patent on this equipment.**

Extent of market search conducted: **Bidding process (RFQ#HSARC-175) on publicpurchase.com, Internet, and by contacting potential vendors.**

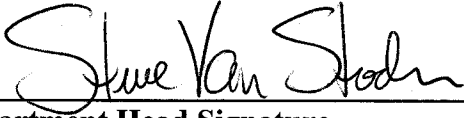
Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide: **Ahura First Defender is a lightweight, rugged instrument for rapid identification of unknown solids and liquids, including narcotics, Toxic Industrial Chemicals (TICs), Toxic Industrial Materials (TIMs), explosives, chemical warfare agents (CWAs), unknown white powders, narcotics and more. The Ahura First Defender uses optical RM Raman spectroscopy technology which will identify thousands of solids and liquids on-site. Due to the handheld unit being lightweight, it can be taken into hot zones using Level A personal protective equipment. The unit is rugged enough to be decontaminated in the field and requires no further calibration or additional consumables.**

Reasons why my department requires these unique features and what benefit will accrue to the county: **The point-and-shoot operation means that it can identify unknowns through sealed containers (including glass, plastic and envelopes); which reduces the exposure to potentially hazardous materials for responders and the environment.**

Price Reasonableness: **Based on RFQ# HSARC-175 sent to multiple bidders and posted on PublicPurchase.com, the bid received back was \$50,000; plus the state used tax of \$3,875. After receiving no other bids, we contacted vendors in the industry but they had no similar product they wished to bid on. SAME PRICE OFFERED ALL GOVERNMENTAL AGENCIES**

Period of Performance: **July 1, 2011 to June 30, 2012, with optional four additional years of Sole Source purchases based on the availability of department's operating budget.**

Does moving forward on this product or service further obligate the county to future similar contractual arrangements? **No.**



7/12/11

Department Head Signature

Date

Purchasing Department Comments:

Approve

Approve with Condition/s

Disapprove



Purchasing Agent

Date