

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

426



**FROM:** Stanley L. Sniff Jr., Sheriff-Coroner-PA

**SUBMITTAL DATE:**  
04/02/12

**SUBJECT:** Approval of a Sole Source Purchase of Universal Forensic Cell  
Phone Extraction Devices with Service Support from Cellebrite U.S.A.

**RECOMMENDED MOTION:** Move that the Board of Supervisors:

- 1) Approve of a purchase for the Sheriff's Department of two Universal Forensic Cell Phone Extraction Devices (UFED) with software licenses and service support for seven devices from Cellebrite U.S.A. in the amount of \$37,776, without obtaining competitive bids in accordance with Ordinance 459.4, and;
- 2) Authorize the Purchasing Agent to renew the software licenses and Ultimate Pro Module updates and service annually in one year increments for up to four (4) additional years, provided the cost does not exceed the increase in the Consumer Price Index.

(Continued on Page 2)

*Will Taylor*

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

<b>FINANCIAL DATA</b>	<b>Current F.Y. Total Cost:</b>	\$37,776	<b>In Current Year Budget:</b>	Yes
	<b>Current F.Y. Net County Cost:</b>	\$37,776	<b>Budget Adjustment:</b>	No
	<b>Annual Net County Cost:</b>	\$20,986	<b>For Fiscal Year:</b>	FY 2011-12

<b>SOURCE OF FUNDS: Departmental Budget BR 12-082</b>	<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
	<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

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

APPROVE

*Elizabeth J. Olson*  
Elizabeth J. Olson

**County Executive Office Signature**

- Policy
- Policy
- Consent
- Consent

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

3.14

Departmental Concurrence

Purchasing: Mark Seiler, Assistant Director

## **BOARD OF SUPERVISORS**

**FORM 11:** Approval of a Sole Source Purchase of Forensic Cell Phone Extraction Devices from Cellebrite U.S.A.

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**BACKGROUND:** Forensic cell phone extraction devices, as the name implies, recover, decode and analyze digital evidence from mobile phones or any device that has both internal memory and communication ability.

The Sheriff's Computer and Technology Crime High Tech Response Team aka CATCH has utilized these devices for a number of years, and has intimate knowledge with the devices manufactured by Susteen, Logicube CellDEK and Cellebrite.

The Sheriff's CATCH team, without hesitation, would recommend additional purchases of the extraction devices from Cellebrite for the following reasons. The team has experienced downtime with the CellDEK device and has had to return it to the manufacturer on several occasions. It has experienced breakage and durability problems with the Susteen product. These issues are an inconvenience, which limit the ability to capture real time data and keep up with a case load. However, the major reason the team recommends the purchase of the Cellebrite UFED is that it supports all cell phone platforms and is compatible with any mobile carrier. It has access to source codes, as well as handsets BEFORE retail launch. The UFED automatically extracts data from over 4,000 different cell phones, including CDMA phones (ones that run on Sprint and Verizon), GSM phones (AT&T & most international carriers), iOS (iPhone, iPad, etc) devices, and Android devices were recently added. It also extracts data from GPS devices including fixes, favorite locations, geotags, and even deleted data.

Susteen advertises access to over 4,000 phones; yet their website offers a list that only shows 2,786 phones. Logicube advertises access to only 2,000 phones. Logicube's access to Android and Apple devices is not yet available.

**Price Reasonableness:** The Susteen and Logicube devices are about \$1,500 cheaper than the Cellebrite UFED. But when comparing the Susteen and Logicube devices' access to cell phones and overall functionality and durability to that of the Cellebrite UFED, the Susteen and Logicube devices can barely be rated as similar devices.

The Cellebrite Universal Forensic Cell Phone Extraction Device (UFED) costs \$4,000 and the Physical/Ultimate Pro Add-on Module software upgrades, license, live support and extended warranty for the first year is \$3,999. Subsequently, the yearly Logical license software update is \$999, and the Physical/Ultimate Pro Add-on Module yearly update and support is \$1,999. The initial purchase cost for this device and software update is \$8395 (includes tax and shipping and handling). The vendor has offered this pricing since September 2008.

The Sheriff's Department requests the purchase of two Cellebrite UFED Ultimate System/Kits with Physical/Ultimate Pro Add on Module (one for the Lake Elsinore Station and one for CATCH). The total purchase cost for two devices including services, tax, shipping and handling is \$ 16,790.

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The Sheriff Department is also requesting annual services for the two requested for purchase and five currently owned devices. The annual Logical software license for seven devices is \$6,993 (\$999 X 7 devices). The annual Physical/Ultimate Pro Add-on Module updates and services for seven devices is \$13,993 (\$1,999 X 7 devices).

The total cost for the equipment and services detailed amounts to \$37,776.

Cellebrite is offering the County the same discount offered state and local government agencies.

Date: March 26, 2012

From: Will Taylor, Finance Director                      Department/Agency: Sheriff Department

To: Board of Supervisors/Purchasing Agent

Via: Purchasing Agent

Subject: Sole Source Procurement; Request for two (2) Cell Phone Extraction devices and annual service agreement.

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:** Request to purchase two Universal Forensic Cell phone Extraction Device (UFED) Ultimate System/Kit and the annual service agreement.
2. **Supplier being requested:** Cellebrite USA, Corp.
3. **Alternative suppliers that can or might be able to provide supply/service:** Other similar products on the market are Susteen's Secure View 3, and Logicube CellDEK. However, neither competitor provides the level of service, as that of the Cellebrite device.
4. **Extent of market search conducted:** Information was provided by computer forensic investigative personnel who have utilized the Secure View, CellDEK and Cellebrite devices to conduct forensic analysis. With the different devices used by the Sheriff's Department, the Cellebrite device has provided the most hits, and more accurate information than the Secure View or CellDEK.

The Department currently has five Cellebrite devices utilized by the CATCH Team, SAFE Team and Perris Station.

5. **Unique features of the supply/service being requested from this supplier, which no alternative supplier can provide:** Cellebrite's UFED Ultimate supports all cell phone platforms and is compatible with any mobile carrier. Cellebrite has access to source codes as well as handsets BEFORE retail launch. The UFED automatically extracts data from over 4,000 different cell phones, including CDMA phones (ones that run on Sprint and Verizon), GSM phones (AT&T & most international carriers), iOS (iPhone, iPad, etc) devices, and Android devices were recently added.

Susteen advertises access to over 4,000 phones, and their website offers a list. However, that list only shows 2,786 phones. Logicube advertises access to over 2,000 phones, but access to Android and Apple devices is not yet available. Cellebrite's UFED also extracts data from GPS devices including fixes, favorite locations, geotags, and even deleted data. Susteen's Secure View 3 currently does not have the capability to retrieve deleted data.

The department has experienced downtime with the CellDEK device and has had to return it to the manufacturer on several occasions. The department has experienced breakage with the Susteen product. These issues are an inconvenience, which limits the ability to capture real time

data and keep up with a case load.

- 6. Reasons why my department requires these unique features and what benefit will accrue to the county:** The Cellebrite UFED is an ideal solution for the Lake Elsinore Station's Investigations Bureau and the CATCH investigators as the equipment can be utilized on-site for cell phone analysis. The device's compatibility with most cell phones is unparalleled, which allows for thorough examinations. The Lake Elsinore Station does not have a device to conduct in-depth forensic examination to extract information from cell phones, so often the information is lost. CATCH has a device, but the demand for its use is high and cases are turned away or suffer lengthy waits because of the lack of resources.

The Cellebrite system is portable, handheld, and has the ability to extract data in real time. It can utilize an internal rechargeable battery, 12 volt vehicle power, or 15 volt AC power. This makes it convenient for the Lake Elsinore Station and CATCH investigators to conduct on-site forensic analysis on cell phones. Many, if not most, of the Elsinore investigations involve cell phones, and smart phones (hand held computers), that require recovery of the evidence contained on them. CATCH's investigations are focused entirely on computers and other technological devices. Without a Cellebrite, the Elsinore Station is not able to process the devices and collect valuable evidence. The addition of a Cellebrite to CATCH will improve their ability to support stations and agencies without the resources to conduct these types of investigations.

- 7. Price Reasonableness including purchase price and any ongoing maintenance or ancillary costs from the supplier:** Although both the Susteen and Logicube devices are about \$1,500 cheaper than the Cellebrite device, they only provide a small fraction of the functionality of the Cellebrite device and lack the capability to access new phones and electronic storage devices other than phones.

The Cellebrite Universal Forensic Cell Phone Extraction Device (UFED) costs \$4,000 and the Physical/Ultimate Pro Add-on Module software upgrades, license, live support and extended warranty for the first year is \$3,999. Subsequently, the yearly Logical license software update is \$999, and the Physical/Ultimate Pro Add-on Module yearly update and support is \$1,999. The initial purchase cost for this device and software update is \$8395 (includes tax and shipping and handling). The vendor has offered this pricing since September 2008.

The Sheriff's Department requests the purchase of two Cellebrite UFED Ultimate System/Kits with Physical/Ultimate Pro Add on Module (one for the Lake Elsinore Station and one for CATCH). The total purchase cost for two devices including services, tax, shipping and handling is \$ 16,790.

The Sheriff Department is also requesting annual services for the five currently owned devices and for the two requested. The annual Logical software license for seven devices is \$6,993 (\$999 X 7 devices). The annual Physical/Ultimate Pro Add-on Module updates and services for seven devices is \$13,993 (\$1,999 X 7 devices).

Cellebrite is offering the County the same discount offered state and local government agencies.

**Equipment, License and Services Cost**

2 UFEDs	\$16,790
7 Software licenses	6,993
7 Physical/Ultimate Pro Add-on updates and services	<u>13,993</u>
<b>Total</b>	<b>\$37,776</b>

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).** No. The department is under no obligation to purchase any further service support or upgrades.

9. **Period of Performance:** The Department requests five year service agreements for seven Cellebrite devices, renewable in one year increments through February 28, 2017 provided that the costs do not exceed the CPI, and funds are available in the budgets.

 #1581 040512  
\_\_\_\_\_  
Chief Deputy Signature Date

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

Purchasing Department Comments:

Approve  Approve with Condition/s  Disapprove  
Not to exceed: \$ 37,776  One time  Annual Amount through <sup>\$14,000</sup> 2/28/2017

  
\_\_\_\_\_  
Purchasing Agent Date Approval Number  
(Reference on Purchasing Documents)