



**Sheriff's Office
COUNTY OF TULARE
AGENDA ITEM**

BOARD OF SUPERVISORS

KUYLER CROCKER
District One

PETE VANDER POEL
District Two

AMY SHUKLIAN
District Three

J. STEVEN WORTHLEY
District Four

MIKE ENNIS
District Five

AGENDA DATE: March 13, 2018 **REVISED**

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
CONTACT PERSON: Ed Lardner, Grant Specialist PHONE: (559) 802-9462				

SUBJECT: Approve the capital asset purchase of two forensic computers.

REQUEST(S):

That the Board of Supervisors:

1. Approve a capital asset purchase for two forensic computers to be used in the Sheriff's Cyber Forensic Investigation Unit not to exceed \$21,000.
2. Authorize the necessary budget adjustments per the attached AUD 308 (4/5ths vote required).

SUMMARY:

Computer forensics integrates the fields of computer science and law to investigate crime to provide data evidence to the Court for prosecution. For digital evidence, whether it be on a computer or cell phone to be legally admissible in court, law enforcement must follow proper legal procedures when recovering and analyzing data from computer systems. Law enforcement uses specialized computer equipment that has been tested and stood the challenges faced in a courtroom. Computer forensics has been indispensable in the conviction of many criminals, including terrorists, sexual predators, and murderers. Terrorist organizations may use the Internet to recruit members, and sexual predators may use social networking sites to stalk potential victims for use in human trafficking or other nefarious uses.

However, most criminals fail to cover their tracks when using technology to implement their crimes. They fail to realize that computer files and data remain on their hard drive even when deleted, allowing investigators to track their criminal activity. Even if criminals delete their incriminating files, the data remains in a

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binary

format due to "data remanence" or the residual representation of data. File deletion merely renames the file and hides it from the user; the original file can still be recovered.

Locked devices, encryption obstacles, web based applications and accounts, multiple different data sources and case backlogs slow down investigations and may leave critical evidence undiscovered or not located in a timely manner to solve a crime or save a life. In order to combat the ever-increasing use of electronic devices such as tablets, laptops, PC's, and cell phones to commit crimes, specially designed forensic computers for law enforcement were designed such as what we are requesting today. These high-speed computers, with the ability to conduct fast analysis of data while not compromising or modifying the data, allows investigators to receive and examine the information relating to a case and make decisions in a more expeditious manner. These high speed computers allow the Sheriff's Office to not only provide a fast analysis of computer systems but also can work in conjunction with cell phone data extraction software that allows Sheriff's staff to make an exact duplicate of the cell data and also recover data that may have been deleted.

These high-speed forensic computer workstations will be used in the Sheriff's Cybercrimes Unit to gather, process, and search digital evidence for investigation and prosecution of various crimes. The optical disc reviver allows an investigator to recover damaged, partially erased, un-finalized DVD and CD medias. They have a built in SATA write blocking trayless bay, allowing investigators to insert a suspect drive in the workstations for forensic imaging without contamination. By making the write-blocking bay trayless, it allows for cable free access and processing of evidence efficiently.

These computer work stations will allow the Sheriff's Office to provide an exact copy of extracted data to provide to the District Attorney's Office and Public Defenders Office as part of the Discovery process during a criminal case. The purchase of these forensic computers will replace the forensic computers that were destroyed in the fire at the Sheriff's Crime Lab on November 1, 2017.

FISCAL IMPACT/FINANCING:

The cost of the forensic computers will not exceed \$21,000. Funds will come from the Sheriff's FY 17/18 operating budget. There is a financial variance of \$899 in case of any unexpected costs. There will be no net County cost for this asset.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

The County's five-year strategic plan includes the Organizational Performance Initiative to provide state-of-the-art technology and infrastructure to support better service delivery. The purchase of this forensic computer is consistent with this initiative and will be used to investigate crimes in Tulare County.

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ADMINISTRATIVE SIGN-OFF:

Mike Boudreaux
Sheriff-Coroner

cc: Auditor-Controller
County Counsel
County Administrative Office (2)

Attachment(s) AUD 308

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA**

**IN THE MATTER OF APPROVE THE
CAPITAL ASSET PURCHASE OF A
FORENSIC COMPUTER**

)
) **Resolution No.** _____
) **Agreement No.** _____
)

UPON MOTION OF SUPERVISOR _____, SECONDED BY
SUPERVISOR _____, THE FOLLOWING WAS ADOPTED BY THE
BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD _____
_____, BY THE FOLLOWING VOTE:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST: MICHAEL C. SPATA
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: _____
Deputy Clerk

* * * * *

1. Approved a capital asset purchase for two forensic computers to be used in the Sheriff's Cyber Forensic Investigation Unit not to exceed \$21,000.
2. Authorized the necessary budget adjustments per the attached AUD 308 (4/5ths vote required).

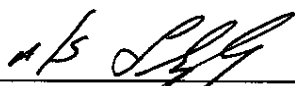
AUD-308 - Budget Adjustment Form

8:34 AM

02/28/18							7/18		2018	
Date				Document ID Number			Accounting Period		Budget Fiscal Year	
				Sheriff's Department			Terrie Saenz		802-9450	
				Agency Name			Contact Person		Phone	
									Extension	
Action** A,C,D	Fund	Dept	Appr #				LEVEL 1 Finish Here	Current Amount	Revised Amount	Inc / Dec Amt
C	001	240	240SSUP					9,347,663	9,326,663	(21,000)
C	001	240	240CAP					1,194,246	1,215,246	21,000
										-
										-
										-
										-
										-
Appropriations Total							<i>Need Not Equal Zero</i>	10,541,909	10,541,909	-
Action** A,C,D	Fund	Dept	Appr #	Unit	Object	Rev	LEVEL 2 Start Here	Current Amt	Revised Amount	Inc / Dec Amt
C	001	240	240SSUP	2100	7066			1,597,264	1,576,264	(21,000)
C	001	240	240CAP	2100	8306			314,000	335,000	21,000
										-
										-
										-
										-
										-
										-
										-
										-
										-
Line Total							<i>Must Equal Zero</i>	\$ 1,911,264	\$ 1,911,264	\$ -

Reason for Adjustment (To Avoid Correspondence, State Reason in Detail)

To record Capital Asset purchase of Forensic Computer for Sheriff's Crime Lab.



Affected Dept Head Signature

Other Affected Dept Head Signature

Checked By: _____
 County Executive Office Action: No. _____ Date: _____
 () Approved () Disapproved

Entered By: _____
 Date: _____
 Distribution: 1: BOS/CAO/Auditor

By: _____
 Board of Supervisors Action: No. _____ Date: _____

** Action Codes: A=Add, C=Change, D=Deactivate
 * Whenever a 93XX account budget is adjusted, a corresponding 94XX account budget must be adjusted in the billing agency, except for ISFs
 * Whenever a 95XX account budget is adjusted, a corresponding 96XX account budget must be adjusted in the billing agency, and vice versa
 * Whenever a 97XX account budget is adjusted, a corresponding 98XX account budget must be adjusted in the billing agency, and vice versa