

47. Approve the Capital Asset purchase of a specialized forensic workstation to support the day-to-day operations of the Tulare County Sheriff's Office Digital Forensic Unit, in an amount not to exceed \$17,000, in Fiscal Year 2024/25. Approve the necessary budget adjustment (4/5ths vote required).



Sheriff/Coroner
COUNTY OF TULARE
AGENDA ITEM

BOARD OF SUPERVISORS

LARRY MICARI
District One

PETE VANDER POEL
District Two

AMY SHUKLIAN
District Three

EDDIE VALERO
District Four

DENNIS TOWNSEND
District Five

AGENDA DATE: October 22, 2024

Public Hearing Required	N/A
Scheduled Public Hearing w/Clerk	N/A
Published Notice Required	N/A
Advertised Published Notice	N/A
Meet & Confer Required	N/A
Budget Transfer (Aud 308) attached	Yes
Personnel Resolution attached	N/A
Agreement(s) attached	N/A

CONTACT PERSON: Maria Alvarez-Villagran PHONE: 5598029462

SUBJECT: Approve a capital asset purchase

REQUEST(S):

That the Board of Supervisors:

1. Approve a capital asset purchase of a specialized forensic workstation to support the day-to-day operations of the Tulare County Sheriff's Office Digital Forensic Unit, in an amount not to exceed \$17,000 in Fiscal Year 2024/25; and
2. Approve the necessary budget adjustment per the attached AUD 308 (4/5ths vote required).

SUMMARY:

Tulare County Sheriff's Office (TCSO) is requesting to purchase a specialized forensic workstation. This specialized forensic workstation is designed for digital forensic investigations, focusing on the collection, analysis, and preservation of electronic data. It is used for recovering lost or deleted files from various devices, analyzing digital evidence from computers and networks, and investigating malicious software. Additionally, these workstations play a crucial role in network forensics, helping to monitor and analyze traffic for suspicious activities, and are essential in incident response for identifying and managing security breaches. Forensic workstations also facilitate the generation of comprehensive reports for legal proceedings and enable data visualization to help investigators interpret complex information effectively. They are vital tools for law enforcement, cybersecurity professionals, and corporate investigators in uncovering and documenting digital evidence.

TCSO received several quotes from vendors and decided the SiForce X from Silicon Forensics was the best option. The SiForce X is a specialized forensic workstation designed for digital investigations and data analysis. Compared to standard Xeon-based workstations, the SiForce X prioritizes higher capacity for handling large datasets, which

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is essential in forensic work. This means it can manage more RAM and storage, allowing for efficient processing of complex tasks like analyzing large volumes of data from hard drives or network traffic. It's important to recognize that this emphasis on capacity can impact individual CPU core speed. While standard Xeon processors may be optimized for higher clock speeds, the SiForce X typically utilizes CPUs with more cores, albeit at lower speeds. This design is advantageous for multi-threaded tasks common in forensic analysis, such as running multiple virtual machines or processing data in parallel.

The need for advanced technology is particularly pressing in operations, where evidence technicians regularly process numerous cell phones that require significant data storage and sophisticated software. TCSO relies on tools like GreyKey and Cellbrite to unlock and extract data from locked devices, however, this process that can take up to two days for advanced models like the latest iPhone 15 and 16. As software continues to evolve, current computers struggle to keep pace, resulting in a growing backlog of devices, especially in urgent cases such as a homicide. Therefore, investing in larger, faster computers like the SiForce X is essential. This upgrade will enhance TCSO's ability to manage current workloads and prepare the department for future technological advancements, ensuring effectiveness in critical forensic work. The SiForce X is specifically designed for scenarios where data capacity and parallel processing are crucial, making it an ideal solution for investigators handling extensive digital evidence.

FISCAL IMPACT/FINANCING:

The total cost of the specialized forensic workstation will not exceed \$17,000, which allows \$946.64 for any unforeseen costs. To purchase the forensic workstation, the attached AUD 308 is requesting to increase the following capital asset line 001-240-2186-8306 by \$17,000 and decrease the following expenditure line 001-240-2177-7066 by \$17,000. There will be no additional net County cost to the General Fund.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:

The County's five-year strategic plan includes the Organizational Performance Initiative to provide for continuous improvement in organizational effectiveness. The purchase of this specialized forensic workstation will increase the operational capability of the TCSO Digital Forensic Unit by optimizing forensic investigations.

ADMINISTRATIVE SIGN-OFF:

/s/ Assistant Sheriff Joe Torres
Mike Boudreaux
Sheriff-Coroner

Cc: County Administrative Office

Attachments: Attachment A – AUD 308
Attachment B - Forensic PC Quote

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

IN THE MATTER OF Approve a capital asset purchase)
) Resolution No. 2024-0984
)
)
)

UPON MOTION OF SUPERVISOR SHUKLIAN, SECONDED BY SUPERVISOR VANDER POEL, THE FOLLOWING WAS ADOPTED BY THE BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD OCTOBER 22, 2024, BY THE FOLLOWING VOTE:

AYES: SUPERVISORS MICARI, VANDER POEL, SHUKLIAN, VALERO AND TOWNSEND
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE



ATTEST: JASON T. BRITT
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: 
Deputy Clerk

* * * * *

1. Approved a capital asset purchase of a specialized forensic workstation to support the day-to-day operations of the Tulare County Sheriff's Office Digital Forensic Unit, in an amount not to exceed \$17,000 in Fiscal Year 2024/25; and
2. Approved the necessary budget adjustment per the attached AUD 308 (4/5ths vote required).

County of Tulare — Auditor Controller Budget Adjustment Form

9:37 AM

10/01/24							4/25		2025	
Date				Document ID Number			Accounting Period		Budget Fiscal Year	
				Sheriff's Office			Alfredo Parra		802-9457	
				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	240CAP					594,990	611,990	17,000
C	001	240	240SSUP					12,665,770	12,648,770	(17,000)
										-
										-
										-
										-
										-
										-
Appropriations Total							<i>Need Not Equal Zero</i>	13,260,760	13,260,760	-
Action** A,C,D	Fund	Dept	Appr #	Unit	Object	Rev	LEVEL 2 Start Here	Current Amt	Revised Amount	Inc / Dec Amt
A	001	240	240CAP	2186	8306				17,000	17,000
C	001	240	240SSUP	2177	7066			62,000	45,000	(17,000)
										-
										-
										-
										-
										-
										-
										-
										-
										-
										-
										-
										-
Line Total							<i>Must Equal Zero</i>	\$ 62,000	\$ 62,000	\$ -
Reason for Adjustment (To Avoid Correspondence, State Reason in Detail)										
<p>Adjust the current budget to move funds to purchase a digital forensic workstation. There is no net county cost.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> _____ Affected Dept Head Signature </div> <div style="text-align: center;"> _____ Other Affected Dept Head Signature </div> </div>										
Checked By: _____ County Executive Office Action: No. _____ Date: _____ (<input checked="" type="checkbox"/>) Approved (<input type="checkbox"/>) Disapproved By: Board of Supervisors Action: No. <u>2024-04934</u> Date: <u>10/22/2024</u>							Entered By: _____ Date: _____ Distribution: 1: BOS/CAO/Auditor			
** 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										



SHOPPING CART

SilForce X

- CPU:** Dual Intel Xeon Scalable 6530 Gold (64 Core Total)
- Memory:** 256GB DDR5 ECC REG (8 Channel)
- OS Drive:** 1TB NVMe Gen 4 SSD
- Temp Space:** 1.0TB PCIe SSD NVMe Gen 5
- Evidence Drive:** 1TB NVMe SSD Gen 4
- Storage Upgrade:** 4TB HDD
- GPU Card:** GeForce RTX 4080 16GB
- Additional Hot Swap Bays:** Two Hot Swap Bays and one 2.5in Drive Adapter
- LCD Monitors:** None
- Additional Tableau Bay or Adapters:** Tabeau T3IU SATA bay
- Keyboard and Mouse Options:** Keyboard and Mouse Wireless
- Warranty:** 5 Years SiShield Warranty
- LAN upgrade:** 1 Gbe RJ45
- OS:** Windows 11 Pro



PRICE: **\$14,299.00**

Qty

QTY:

1

SUBTOTAL: **\$14,299.00**



UPDATE SHOPPING CART

CLEAR SHOPPING CART

[CONTINUE SHOPPING](#)

ESTIMATE SHIPPING AND TAX

Enter your destination to get a shipping estimate.

COUNTRY

United States



STATE/PROVINCE

California



ZIP/POSTAL CODE

93274

FEDEX

Ground \$288.71

Express Saver \$401.79

2 Day \$420.68

2 Day AM \$460.29

Standard Overnight \$514.12

Priority Overnight \$535.08

APPLY DISCOUNT CODE

Enter discount code

APPLY DISCOUNT

SUBTOTAL
\$14,299.00

SHIPPING (FEDEX - GROUND)
\$288.71

TAX
\$1,465.65

ORDER TOTAL
\$16,053.36

PROCEED TO CHECKOUT

[Check Out with Multiple Addresses](#)

MORE CHOICES:



[SiStor Six-Pack Direct Attached Storage](#)
\$4,195.00

ADD TO CART



[Apricorn Aegis Padlock](#)
\$179.00

ADD TO CART



[Tableau Comprehensive Write Block Kit](#)
\$2,349.00

ADD TO CART



[SiForce Pocket Drive NV](#)
\$149.99

ADD TO CART



CATEGORIES



MY ACCOUNT



COMPANY



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