

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



ITEM  
3.34  
(ID # 7277)

MEETING DATE:

Tuesday, June 19, 2018

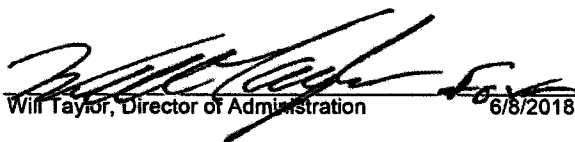
FROM : SHERIFF-CORONER-PA:

SUBJECT: SHERIFF-CORONER-PA: Approve and Authorize the Auditor-Controller to make the budget adjustments, as shown on schedule A. for the Security Electronic System replacement to Four (4) Sheriff's Correctional Facilities for FY 17/18 and FY 18/19, [All Districts], [Total Cost \$5,513,277]; 100% Booking Fee Recovery Fund; 4/5 Vote.

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve and direct the Auditor Controller to make the budget adjustments, as shown on Schedule A attached.
2. Authorize the Purchasing Agent, in accordance with Ordinance 459, based on the availability of fiscal funding, to authorize changes to the equipment that do not change the substantive terms, including the compensation provision that does not exceed 10% of the purchase order total.

ACTION: (4/5 Vote Required) 4/5 Vote Required, Policy


  
Will Taylor, Director of Administration 6/8/2018

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MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Tavaglione and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Tavaglione, Washington, Perez and Ashley  
Nays: None  
Absent: None  
Date: June 19, 2018  
xc: Sheriff, Auditor, Purchasing

Kecia Harper-Ihem  
Clerk of the Board  
By:   
Deputy

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<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 500,000	\$5,013,277	\$ 5,513,277	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS: 100% Booking Fee Recovery Fund</b>			<b>Budget Adjustment:</b>	Yes
			<b>For Fiscal Year:</b>	17/18 & 18/19

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

**BR 18-074**

**BACKGROUND:**

**Summary**

The Riverside Sheriff's Department has five (5) adult correctional facilities countywide which has an independent contractor who provides integrated security electronic and maintenance services to all the facilities: Robert Presley Detention Center (RPDC), Larry D. Smith Correctional Facility (SCF), Indio Jail, Blythe Jail, and Cois Byrd Detention Center (CBDC). Each facility varies greatly across the County with different types of security electronic equipment that are aging and complex with unique components and layouts. Sheriff's personnel are tasked with the challenges of monitoring several areas with different electronic systems. Systems include electronically activated and integrated door control systems, electronic detention locks, door actuators, control panels, intercom systems, paging systems, video visitation, closed circuit television (CCTV) systems and video storage, intrusion/tamper alarm systems, fire emergency/alarm systems, card access control systems, card reader controlled electronic door locks, and other related systems.

The Sheriff's Department intends to replace their aging inmate control panels, identification badging system, inmate intercom system, analog video cameras, and network video recorders. Each will be described below:

The Sheriff's Department intends to replace 22 inmate control panels with a new touch screen Human Machine Interface (HMI) system and their associated Programmable Logic Controllers (PLC) at RPDC, SCF, and Blythe Jail. All components being replaced are at their end of life and several of the parts are no longer manufactured. The new HMI/PLC system will look and operate in the same manner as the John J. Benoit Detention Center and the Cois Byrd Detention Center. Having a more consistent platform will help to improve efficiency, safety, and will decrease the amount of time needed to train staff when they are transferred from facility to facility.

The Sheriff's Department intends to replace each facilities identification badging system with a universal badging system that will communicate with all five jails. The existing identification

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badging systems are at their end of life and several parts are no longer manufactured. Currently, each facility has a different identification badging system that requires personnel to carry multiple identification badges. The new system will allow for one identification badge and the ability to update the system from one centralized location.

Additionally, the Sheriff's Department will be replacing the analog inmate intercom system with a digital intercom system at RPDC, SCF, and Blythe Jail. The current analog intercom system is at its end of life and several parts are no longer manufactured. This upgrade will allow Sheriff's personnel the ability to control the intercoms and paging system from a centralized location within each facility.

The Sheriff's Department will be replacing all 594 analog cameras at SCF, CBDC, RPDC and Blythe Jail. Many of the cameras are original to the facilities and are at their end of life. These cameras along with their associated cabling will be replaced with 1080p high definition digital cameras and CAT6 cabling.

Lastly, the Sheriff's Department will be replacing the facilities closed circuit television (CCTV) systems and network video recorder systems (NVR) at Blythe Jail, SCF, RPDC and CBDC. The existing network video recorder systems have become increasingly unreliable as they age and does not have the capacity, bandwidth or storage to support any additions or expansion to the NVR system. The new NVR systems will allow for 13 months of video storage.

**Impact on Citizens and Businesses**

Integrated security and electronic systems are necessary for the safety and security of personnel, inmates, and the public.

**Contract History and Price Reasonableness**

County Purchasing and Fleet Services on behalf of the Sheriff's Department, released a Request for Proposal (RFP) SHARC-295 for integrated security and electronic maintenance services and the award was approved by the Board of Supervisors on May 23, 2017 (M.O. 3.42) for \$6,178,500 over five years. The award was made to a primary vendor, CML Security, LLC (maintenance contract ID #SHARC-93673-003-06/22) based on the vendor's responses to the proposal and the need to ensure adequate service levels at the jails which requires service twenty-four (24) hours a day, seven (7) days a week and to a secondary vendor ISI Controls, LTD to ensure the Sheriff's Department has adequate coverage for the needed integrated maintenance and/or upgrade services.

Subsequent to the award for maintenance services, it was determined that two of the five jails (CBDC and SCF) required new intercoms and programmable logic controllers (PLC) due to their control system being proprietary which required the developer to alter and/or make upgrades to the system. On October 31, 2017, (M.O. 3.25) the Board of Supervisors authorized CML Security to install the intercom and PLC systems at two locations for a total of \$1,345,369. This upgrade converted the system into a non-proprietary Programmable Logic Controllers system.

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County Purchasing and Fleet Services, on behalf of the Sheriff's Department, released a Request for Quote (RFQ) # SHARC-353 soliciting a quote for security electronic system upgrades for four jails due to security equipment that is at their end of life with some parts that are no longer manufactured. Both the primary and secondary awarded vendors were contacted, however ISI Control LTD declined to respond due to limited resources resulting from the construction of the new John J. Benoit Detention Center project.

The Sheriff's Department plans to replace the inmate control panels (HMI and PLC), inmate intercom system, identification badging system, network video storage system (NVR). All upgrade costs include but are not limited to the following: removal of the existing equipment, materials/hardware, data lines, engineering, installation, computer programming, testing, and employee training.

CML Security, LLC is the selected vendor for this project and it is to be completed in fifty-two (52) weeks' time. The project cost is broken down by location as outlined below:

<b>Location</b>	<b>Project Description</b>	<b>Total by Location</b>
Robert Presley Detention Center	Upgrade 14 inmate control panels (HMI), PLC system, intercom system, identification badging system, 245 cameras and CCTV/NVR with 13 months video storage	\$2,215,906
Cois Byrd Detention Center	Identification badging station, 157 cameras and CCTV/NVR with 13 months video storage	\$958,426
Smith Correctional Facility	Upgrade 6 inmate control panels (HMI), PLC system, intercom system, identification badging system, 169 cameras and CCTV/NVR with 13 months video storage	\$1,958,031
Blythe Jail	Upgrade 2 inmate control panel (HMI), PLC system, intercom system, identification badging system, 23 cameras and CCTV/NVR with 13 months video storage	\$380,914
<b>TOTAL COST</b>	Note: Tax included in the total cost	<b>\$5,513,277</b>

The total cost of project \$5,513,277 is for equipment only, labor cost is included in the original security maintenance contract already approved by the Board of Supervisors on May 23, 2017 (M.O. 3.42) and the Department is requesting to use Booking Fee Recovery Fund to support this project.

**Attachment  
Schedule A**

**FY 17-18**

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**Increase Appropriations:**

10000-2500400000-527720 Safety, Security Supplies \$500,000

**Memo Line Only:**

11085-2500400000-330132 CFB: Booking Fee Recovery \$500,000

**FY 18-19**

**Increase Appropriations:**

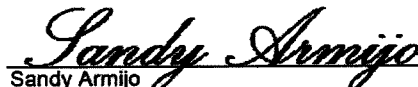
10000-2500400000-527720 Safety, Security Supplies \$5,013,277

**Memo Line Only:**

11085-2500400000-330132 CFB: Booking Fee Recovery \$5,013,277

  
Melissa Noone, Associate Management Analyst

6/12/2018

  
Sandy Armijo

6/7/2018

  
Paul A. Angulo, County Auditor-Controller

6/7/2018

  
Tina Grande, Assistant Purchasing Director

6/8/2018

  
Jim Smith, Chief Technology Officer

6/8/2018



# RIVERSIDE COUNTY INFORMATION TECHNOLOGY PROCUREMENT FORM

<b>H11 Number:</b>	PR2018-06790		
<b>Requested Purchase:</b>	Security Electronic System Upgrade for Four Sheriff's Correctional Facilities		
<b>Department/Agency:</b>	Sheriff		
<b>Primary Contact/Phone:</b>	ERIK LUE	<b>Alternate Contact/Phone:</b>	Teresa McGuire/
<b>Purchase Request Type:</b>			
<b>Describe Requested Purchase:</b>	<p>The upgrade project is to modernize and universalize all the facilities security systems to support and improve the daily operation of the jail. The Department plans to upgrade the panel, Human Machine Interface (HMI), intercom system, badging system, security network and video storage system. The HMI platform will be outfitted with the Induosoft software, which is a non-proprietary product that can be supported by any vendor in the industry. The intercom and badging systems selected are designed to support each facility from a central management point which will allow updates and maintenance without shutting down the system or disturbing the control officer. The Department will be changing all analog cameras to digital cameras with 2 mega pixel quality and 15 frames per second at all the facilities and allow for (13) months of data storage.</p>		
<b>Terms:</b>	<p>Is this a Multi Year Contract?: False</p> <p>Length of Contract:</p> <p>Start Date:</p> <p>End Date:</p> <p>Special Terms and Conditions:</p>		
<b>Business Needs Addressed:</b>	<p>The Sheriff's Department requires an independent contractor who can provide integrated security electronic and maintenance services to five adult correctional facilities: Robert Presley Detention Center, Larry D. Smith Correctional Facility, Indio Jail, Blythe Jail, and Southwest Detention Center. Each facility varies greatly across the County with different types of security electronic equipment that are aging and complex with unique components and layouts. Sheriff's personnel are tasked with the challenges of monitoring several areas with different electronic systems. Systems include electronically activated and integrated door control systems, electronic detention locks, door actuators, control panels, intercom systems, paging systems, video visitation, closed circuit television (CCTV) systems, intrusion/tamper alarm systems, fire emergency/alarm systems, card access control systems, card reader controlled electronic door locks, and other related systems. These services are not new or expanded.</p> <p>To ensure adequate service levels, integrated security and electronic maintenance services are required twenty-four (24) hours per day, 365 days per year to maintain the existing equipment and to facilitate future upgrades as necessary.</p>		
<b>Are there other county systems that provide the same functionality?</b>	Unknown		
<b>Business Criticality:</b>	Run the Business, Transform the Business		
<b>Business Impact:</b>	Support Current Operations, Reduce Expenses, Improve Customer Service, Improve Operational Efficiencies		

### Current Cost Itemization (Include all the year 1 cost)

Item Description	Purchase Type	Vendor	Quantity	Unit Cost	Sub_Total	Item Tax	Total Cost
Security Electronic System Upgrade for RPDC	Equipment - Upgrade	CML Security	1	\$2,215,906.00	\$2,215,906.00		\$2,215,906.00
Security Electronic System Upgrade for CBDC	Equipment - Upgrade	CML Security	1	\$958,426.00	\$958,426.00		\$958,426.00
Security Electronic System Upgrade for SCF	Equipment - Upgrade	CML Security	1	\$1,958,031.00	\$1,958,031.00		\$1,958,031.00
Security Electronic System Upgrade for Blythe Jail	Equipment - Upgrade	CML Security	1	\$380,914.00	\$380,914.00		\$380,914.00

### Annual Costs

Item Description	Payment Type	Terms (In Years)	Payment amount	Total Annual Payments
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# RIVERSIDE COUNTY INFORMATION TECHNOLOGY PROCUREMENT FORM

<b>Accounting String</b> To be completed for pass-thru purchases that will be processed by RCIT Only						
<b>%Billed</b>	<b>Accounts (6 digits)</b>	<b>Dept.ID (6 -10 digits)</b>	<b>Program (3 digits)</b>	<b>Class (5 digits)</b>	<b>Grant (9 digits)</b>	<b>Customer Project Code (10 digits)</b>
<b>Department Head or Authorized Designee Signature:</b> Lt. Hartnett					<b>Date:</b> 4/3/2018 12:04 PM	
<b>RCIT Review (Standard purchases and renewals &lt; \$25000) - Administrative Review Status</b>						
<b>Recommended:</b> Yes		<b>By:</b>			<b>Date:</b> 4/5/2018 9:29 AM	
<b>Denial Explanation:</b>						
<b>ACIO Review - ACIO Review Status</b>						
<b>Recommended:</b> Yes		<b>BY:</b>			<b>Date:</b> 4/5/2018 9:28 AM	
<b>Denial Explanation:</b>						
<b>CIO Review (Purchases and renewals &gt;\$100K) CIO Review Status</b>						
<b>Recommended:</b>		<b>By:</b>			<b>Date:</b>	
<b>Denial Explanation:</b>						
<b>TSOC Review (Purchases and renewals &gt;\$100K) TSOC Review Status</b>						
<b>Recommended:</b> Yes		<b>By:</b> Steve Reneker			<b>Date:</b> 4/5/2018 9:29 AM	
<b>Denial Explanation:</b>						