



Contra
Costa
County

To: Board of Supervisors
From: David O. Livingston, Sheriff-Coroner
Date: March 21, 2023

Subject: West Advanced Technologies - ARIES Maintenance and Support

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Sheriff-Coroner, or designee, to execute a contract with West Advanced Technologies, Inc. in amount not to exceed \$237,000.00 to provide maintenance and support for the Automated Regional Information Exchange System (ARIES) software application and database for the period of January 1, 2023 through December, 2025.

FISCAL IMPACT:

\$237,000; 100% General Fund

BACKGROUND:

The Automated Regional Information Exchange System (ARIES) is a proprietary software application owned and operated by the Office of the Sheriff, Contra Costa County (CCCSO). ARIES is used by the CCCSO and partnered law enforcement agencies for a wide variety of essential law enforcement functions which are accessed from the sub-modules in the application. These include:

- Live Search and Beagle: These two modules allow officers to access persons

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **03/21/2023** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Diane Burgis, District III Supervisor
Ken Carlson, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: March 21, 2023

Monica Nino, County Administrator and Clerk of the Board of Supervisors

By: Laura Cassell, Deputy

Contact: Donn David,
925-655-0037

cc:

information, including criminal history, whether persons are the subject of protective or restraining orders (either the protected or prohibited person), information on property (i.e., if said property has been reported as stolen) and information on firearms.

- Total Booking: This module streamlines the booking process, allowing for more efficient booking of a person, ensuring that timelines which effect areas such as offense charging and timely processing for issuance of citation and release of persons are met.
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BACKGROUND: (CONT'D)

ALPR (Automated License Plate Reader): This module allows for immediate checks on license plates associated with critical cases, i.e., child abductions or other cases regarding imminent threat to the public.

- Alerts: This module allows officers to enter and check for alerts in cases such as missing persons or other cases involving a threat to public or officer safety.
- Location Alerts: This module allows officers to flag a particular address for future reference, i.e., immediately advising the officer if the victim in an on-going domestic violence event reports that the suspect has returned to the flagged location.
- Person Alerts: This module functions on the same principle as the Location Alert, but tracks a person instead of a location, i.e., the suspect in the above-described domestic violence investigation is contacted.
- Documents: This module is a one-stop repository of important documents, such as the Domestic Violence Report Supplemental, Child Abuse Reporting Form, Suspected Dependent Adult/Elder Abuse Reporting Form, Strangulation Assessment Card, and Domestic Violence Proof of Service (and Instructions) and Domestic Violence Resource Pamphlet.

The system also allows partners to manage arrest and crime data collected from law enforcement agencies, all of which are processed and stored in CCCSO on-premise servers. Over the years, ARIES has reached several technological milestones that have led to the modern interface that over 10,000 users from 104+ different agencies use today.

Much of ARIES modernization has been accomplished in the last five years thanks to a partnership with West Advanced Technologies, Inc. (WATI). WATI was awarded their first ARIES contract in 2017 to begin the modernization process which involved improving, developing, and supporting the technology behind ARIES. In early 2022, WATI was selected from a competitive request for proposal bidding process to begin migrating its aging on-premise servers to the California State Sheriff's Association (CSSA) Microsoft Azure cloud infrastructure.

The purpose of the contract, ARIES Maintenance and Support, is for WATI to continue providing technical maintenance and support of the software and programming including its multiple levels of user interface, integration with over a hundred data sources, databases, its upcoming cloud infrastructure, backup, and disaster recovery.

CONSEQUENCE OF NEGATIVE ACTION:

The ARIES program continues to improve the way it does business everyday by providing a reliable and functional application to law enforcement agencies. If this contract is not approved, the ARIES program will NOT be able to support:

- the exponential growth of data it contains
- recent and future technological advancements
- the ever-increasing need for reliability, functionality, and availability, all of which its 10,000+ user-base have come to rely on 24-hours a day, 7 days a week, 365 days a year.

