



**Contra
Costa
County**

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

Subject: West Advanced Technologies - ARIES Assessment and Migration

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Sheriff-Coroner, or designee, to execute a contract amendment with West Advanced Technologies, Inc. (WATI) to extend the termination date from March 31, 2023 to December 31, 2023, with no change to the payment limit of \$420,516, to migrate the Automated Regional Information Exchange System (ARIES) from an on-premise infrastructure to Microsoft Azure, a cloud-based infrastructure.

FISCAL IMPACT:

\$420,516; Homeland Security's Urban Areas Security Initiative (UASI) Grant and ARIES org #2551 Funding.

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

☒ 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:

wide variety of essential law enforcement functions which are accessed from the sub-modules in the application.

BACKGROUND: (CONT'D)

These include:

- **Live Search:** This module allows officers to access persons 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.
- **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 9,000 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 accomplish the next logical milestone for ARIES: to migrate its aging on-premise servers to a CCCSO-owned instance of Microsoft Azure cloud infrastructure.

The purpose of the contract, ARIES Assessment and Cloud Migration 2022, is for WATI to provide design, development, programming, migration, and support services to CCCSO, including without limitation, upgrading the aging and critical ARIES network infrastructure by migrating its entirety to a CCCSO-owned instance of Microsoft Azure cloud. Doing so

will enhance security, reliability, and availability. It will right-size storage and processing capacity. Lastly, it will establish a disaster recovery plan which had never been in place.

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 infrastructure will NOT be able to support:

- the exponential growth of data it contains
- the continual expansion of functions and processes
- growth and addition of agencies
- recent and future technological advancements
- the ever-increasing need for reliability, functionality, and availability, all of which its 9,000+ user-base have come to rely on 24-hours a day, 7 days a week, 365 days a year.