To: Board of Supervisors

From: David O. Livingston, Sheriff-Coroner

Date: February 7, 2017

Subject: Bair Analytics -ATACRAIDS & ATAC Workstation

Contra
Costa
County

RECOMMENDATION(S):

APPROVE and AUTHORIZE the Sheriff-Coroner, or designee, to execute a software and licensing agreement with LexisNexis Risk Solutions Incorporated to support the Bair Analytics-ATACRAIDS & ATAC Workstations in an initial term of February 1, 2017 through January 31, 2018 in amount of $ 85,000 for workstations and yearly maintenance and licensing fees that continues until such agreement is cancelled by either party.
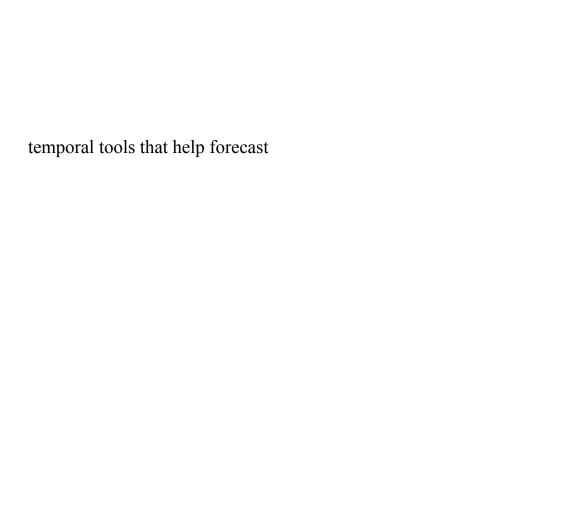
FISCAL IMPACT:

100% County Budget.

BACKGROUND:

Accurint Crime Analysis Workstation is a state of the art desktop application that provides advanced crime pattern, series and trend analysis, predictive analytics, crime mapping and advanced reporting for crime and intelligence analysis. The Workstation application will assist our Crime & Intelligence Analysts in pattern identification, data mining, analysis and prediction of serial events. The workstation combines global searches, custom filters, and other advanced data mining technologies to identify crime series and patterns in any data. These results are then analyzed quickly and easily using a variety of statistical, spatial and

✔ APPROVE	☐ OTHER
✔ RECOMMENDATION OF CNTY ADMINISTRATOR	☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **02/07/2017** ✔ 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

Karen Mitchoff, 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: February 7, 2017

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Rolanda Hartfield, Deputy

Contact: Sandra Brown
925-335-1553

cc:

temporal tools that help forecast

BACKGROUND: (CONT'D)

where and when crimes will occur. In short, the Workstation will enable our Analysts to complete complex analyses in a matter of minutes, as opposed to the hours and days currently required. ATACRAIDS is designed for the non-technical end-user, which consist of both command staff and our Deputies in the field. ATACRAIDS offers an easy-to-use, secure online dashboard that enables staff to run basic reports and analytics from either their PC or their vehicle's mobile computer terminal. This will provide our deputies in the field with access to real time analytical products, allowing them to act immediately to identified threats, trends and predictions. Lastly, this purchase will include the LexisNexis® Community Crime Map. The Community Crime Map is a public crime map that allows law enforcement to share selected crime data with the public. This application, which is free to the public, includes basic mapping, dashboards and analytics. Community Crime Map goes beyond crime mapping by automatically alerting the public about recent crime activity and by improving communication between the public and law enforcement through anonymous tips. Providing crime mapping and tips to the community helps law enforcement keep the public aware of crime and it builds trust with residents, business owners and visitors. It also improves communication between the public and law enforcement. In addition to performing more comprehensive searches, the Workstation is able to expertly predict the times and locations of crimes in an identified series with greater accuracy. The Workstation completes this task automatically using a variety of methods, each of which allows for the quick and easy interpretation by a trained Analyst. The Analyst is then able to quickly generate a number of charts and maps designed to be easily understood by the end user. Its many capabilities make the Workstation a powerful tool to assist patrol personnel, optimizing their time and resources. ATACRAIDS is designed for the non-technical end-user, which consist of both command staff and our Deputies in the field. ATACRAIDS offers an easy-to-use, secure online dashboard that enables staff to run basic reports and analytics from either their PC or their vehicle's mobile computer terminal. This will provide our deputies in the field with access to real time analytical products, allowing them to act immediately to identified threats, trends and predictions.

CONSEQUENCE OF NEGATIVE ACTION:

Should this request be denied, this will result in continued delays in identifying crime trends, slower case closure, and increased time suspects are allowed to act negatively within our community. Overall, a negative decision would put the public at greater risk than in necessary given current technology.

CHILDREN'S IMPACT STATEMENT:

None.