



2018 APR 26 PM 3:08

# AGENDA REPORT

**TO:** Sabrina B. Landreth  
City Administrator

**FROM:** Anne Kirkpatrick  
Chief of Police

**SUBJECT:** Forensic Logic LEAP Search Contract      **DATE:** February 15, 2018

City Administrator Approval

Date:

4/26/18

## RECOMMENDATION

**Staff Recommends That The City Council Approve A Resolution Authorizing The City Administrator, Or Designee, To Enter Into A Two Year Contract With Forensic Logic, Inc., From July 1, 2018 Through June 30, 2020, For One Hundred And Fifty Eight Thousand Dollars (\$158,000) For The First Year, And One Hundred Sixty Eight Thousand Dollars (\$168,000) For The Second Year, For A Total Of Three Hundred Twenty Six Thousand Dollars (\$326,000) For This Contract, For Access To The LEAP Search Network Suite Of Crime Analysis Applications, Licensing, Technical Support, And Consulting Services; And 2) Waiving The City's Advertising/ Bidding And Request For Proposal Requirements For The Proposed Purchase.**

## EXECUTIVE SUMMARY

The accompanying resolution will allow the Oakland Police Department (OPD) to enter into a contract with Forensic Logic, Inc. (Forensic) for two years of continued use of the proprietary Law Enforcement Analysis Portal (LEAP) network. The system connects critical OPD data systems as well as other local police agencies regionally and nationally. OPD officers have relied on this system since 2009 to quickly and effectively search for information related to suspects in real-time investigations. Resolution No. 87002 C.M.S., approved by the City Council on December 18, 2017, authorized OPD to enter into sole-source agreements with Forensic as well as with Trittech, Inc. and LexisNexis for crime analysis mapping and trend analysis, and for investigative analysis and intelligence management. This report stated that OPD would use LexisNexis for services formerly provided by Forensic. Further evaluation has shown that while LexisNexis is indeed sufficient for the needs of the Crime Analysis Section, it is insufficient to meet the needs of other OPD units. OPD personnel in the Criminal Investigations Division (CID), patrol, and specialized units (such as Ceasefire and Crime Reduction Teams) continue to rely upon Forensic each day because of its unique aggregation of data.

## **BACKGROUND / LEGISLATIVE HISTORY**

OPD constantly needs various data and technology tools to support both in-depth crime analysis as well as real-time investigations. The "OPD Crime Analysis Software Contracts" report dated October 30, 2017 and presented to the City Council on December 18, 2017 detailed the recommendations for crime analysis software for the following areas:

1. Mapping and Overall Analysis
2. Data Mining and Advanced Statistical Analysis
3. Investigative Analysis and Intelligence Management

The report explained OPD's competitive request for proposal (RFP) process resulted in five bids for the first and third categories above. The report explained that CID recommended choosing Tritech for the first category, and LexisNexis for the third category (no vendor scored well in the second category). OPD has been using Tritech mapping and analysis products already for years; OPD recommended LexisNexis in part because their database would connect to OPD's computer assisted dispatch (CAD) and record management system (RMS) as well as numerous other data systems. The Crime Analysis Section is currently negotiating a contract with LexisNexis for this tool to support crime analysis.

The report also explained that staff recommended a six-month agreement with Forensic for continuity as OPD shifts its use of some products. The report explained that Forensic has supported OPD in three critical areas:

1. **Stop Data Analysis** – Forensic has helped OPD analyze and mine stop data from crime reports and forms officers complete when conducting discretionary stops.
2. **Weekly Crime Reports**
3. **LEAP Network** – Forensics' LEAP Network allows personnel to conduct sophisticated searches that access to OPD's CAD/RMS system with crime data from many law enforcement agencies that participate with Forensic

**Stop Data Analysis** – The report explained that OPD would be able to use its Microsoft PRIME (performance, reports, intelligence, metrics and evaluation) system for stop data analysis. However, OPD and the Information Technology Department (ITD) are currently redesigning parts of the PRIME system; therefore, OPD will continue to need Forensic for stop data analysis until a new internal system can provide the capacity for this critical analysis process.

**Weekly Crime Reports** – OPD still is still finalizing a new contract with Tritech. Tritech should be able to develop the query forms which will allow the crime analysis unit to produce the weekly and quarterly citywide and Police Area crime reports, which are still generated with support from Forensic.

**LEAP Network** – The report explained that the Crime Analysis Unit would utilize LexisNexis for its Investigative Analysis and Intelligence Management needs. However, many other parts of OPD continue to rely upon Forensic for its unique data aggregation system. This need for unique data analysis is detailed in the Analysis and Policy Alternatives Section below.

OPD has entered into several Forensic contracts, as detailed in the October 30, 2017 report. The City first entered into a contract with the firm in 2012 after the City Council approval of Resolution No. 83819 C.M.S., on April 11, 2012. The most recent six-month contract was approved by Resolution No. 87002 C.M.S., on December 18, 2017, for a contract from January 1, 2018 through June 30, 2018.

### **ANALYSIS AND POLICY ALTERNATIVES**

OPD relies upon Forensic's LEAP Search tool for daily investigative operations. The Crime Analysis Unit uses data tools to look for short term and long-term crime trends (e.g. times of day, locations, common crime patterns). OPD patrol officers and officers assigned to crime reduction teams and Ceasefire need real-time information related to specific criminal investigations. Forensic's LEAP Search provides these officers with an unparalleled tool because only in LEAP can officers find a wealth of local and regional information.

Search queries can include partial license plates, photographs, person descriptions and locational information. LEAP Search also integrates with numerous OPD data systems, including computer-aided dispatch (CAD) and record management systems (RMS), the ShotSpotter System for locating locations of gunshots, the vehicle Field Based Reporting (FBR) module, and license plate readers (LPR); OPD officers can search license plate information from other agencies, but OPD by policy does not allow other agencies to search OPD license plate reader information.

OPD patrol and special resource section (SRS) officers use LEAP daily to look up leads related to numerous crimes. The "Oakland PD User Statistics – Forensic Logic Search Engine" (see **Attachment A**) shows that OPD officers have steadily used Forensic more frequently over the last two years with 60,000 to 90,000 unique page view searches, and almost 600 unique users each month, as of February 2018.

Many local police agencies use LEAP Search, including neighboring cities of Berkeley, Hayward, San Leandro, Stockton, and Richmond, as well as Bay Area Rapid Transit (BART). The LEAP Search system connects data sources from these disparate police agencies into one database with quick and useful search functions. Officers would need to spend days each time they had information requests if they had to individually contact different police agencies for specific information queries. Watch commanders often expect officers to conduct initial LEAP Search queries based upon initial information before the commanders arrive on the scene – LEAP Search is part of investigative standard operating procedures.

### **COPLINK**

Forensic recently acquired the COPLINK suite of products from IBM. COPLINK is a leading public safety information sharing platform and provider of analytical, tactical and operational software for law enforcement. Created in 1998, COPLINK provides public safety software and services to over 5100 law enforcement jurisdictions throughout the United States. Forensic can now integrate data from many more agencies and thus provide more expansive searches to OPD officers.

*Stop Data Analysis*

OPD had previously planned to start using the PRIME system, as detailed on page two above. OPD now plans to redesign its replacement for the former personnel assessment and early-warning system (iPAS). Therefore, OPD will benefit from an uninterrupted relationship with Forensic as stop data analysis continues to play an important role in OPD's ongoing commitment to constitutional policing and data transparency.

*Waiving of the Competitive Bidding Process*

Oakland Municipal Code Section 2.04.051 .B. permits the City Council to waive the request for proposal/qualifications (RFP/Q) requirements upon a finding that it is in the best interest of the City to do so. Staff recommends that it is in the best interests of the City to waive the RFP/Q process because Forensic is the sole developer and operator of the LEAP Search system. A new agreement with Forensic includes technical support and technical consulting services.

**FISCAL IMPACT**

**Table 1** below details the costs of the crime analysis software staff recommendation. No additional funds are required for this contract; OPD expects to use the same funding from future fiscal year (FYI) budgets as will be used from the current FY 2017-19 budget. The contracts with Forensic Logic, Inc. will be contingent upon Council adoption of the Fiscal Year (FY) 2018-19 mid-cycle budget as well as the FY 2019-21 two-year budget such that sufficient funding is maintained in the OPD baseline budget.

*Table 1: Forensic Logic, Inc. LEAP Search Contract Cost: July 1, 2018 – June 30, 2020*

Year 1 Cost (July 1, 2018 June 30, 2019)	\$158,000
Year 2 Cost (July 1, 2019 June 30, 2022)	\$168,000
<b>Total</b>	<b>\$326,000</b>

Funds will be allocated from the General-Purpose Fund (1010), Information Technology Unit Org. (106410), Contract Services Account (54919), Administrative Project (1000008), Agency-wide Administrative Program (PS01).

### **PUBLIC OUTREACH / INTEREST**

No public outreach was necessary in the production of this report and accompanying resolution.

### **COORDINATION**

The Budget Bureau and the Office of the City Attorney were consulted on the development of this report and accompanying resolution.

### **SUSTAINABLE OPPORTUNITIES**

***Economic:*** The City of Oakland can more readily attract economic activity in a safer city. Crime analysis software and technology helps OPD to fight crime and make the City more attractive for economic activity.

***Environmental:*** There are no environmental issues associated with this report.

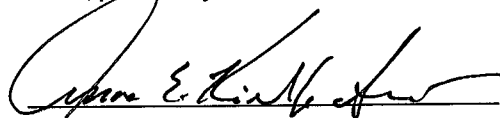
***Social Equity:*** All Oakland residents and visitors benefit from better crime analysis that leads to reduced crime levels.

**ACTION REQUESTED OF THE CITY COUNCIL**

Staff Recommends That The City Council Approve A Resolution Authorizing The City Administrator, Or Designee, To Enter Into A Two Year Contract With Forensic Logic, Inc., From July 1, 2018 Through June 30, 2020, For One Hundred And Fifty Eight Thousand Dollars (\$158,000) For The First Year, And One Hundred Sixty Eight Thousand Dollars (\$168,000) For The Second Year, For A Total Of Three Hundred Twenty Six Thousand Dollars (\$326,000) For This Contract, For Access To The LEAP Search Network Suite Of Crime Analysis Applications, Licensing, Technical Support, And Consulting Services; And 2) Waiving The City's Advertising/ Bidding And Request For Proposal Requirements For The Proposed Purchase.

For questions concerning this report, please contact Virginia Gleason, Bureau of Services (BOS) Director, at (510) 238-7620.

Respectfully submitted,



Anne E. Kirkpatrick  
Chief of Police  
Oakland Police Department

Reviewed by:  
Virginia Gleason, Director  
OPD, Bureau of Services

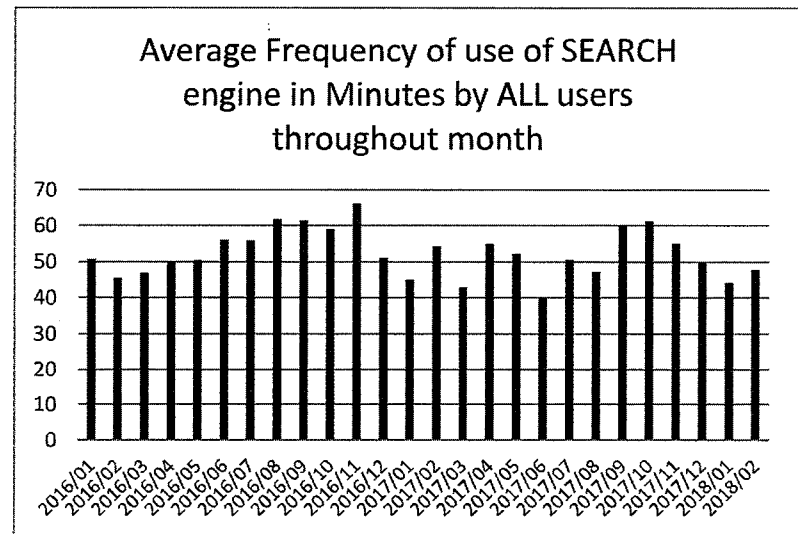
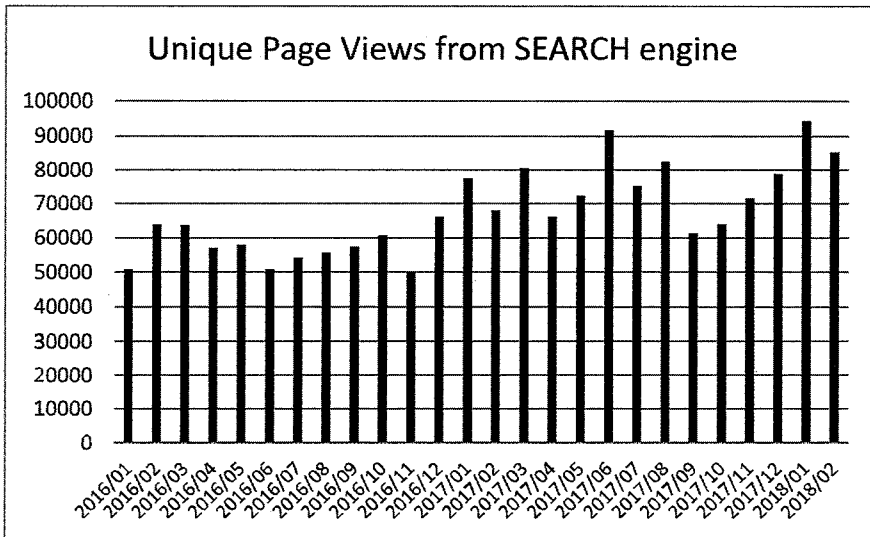
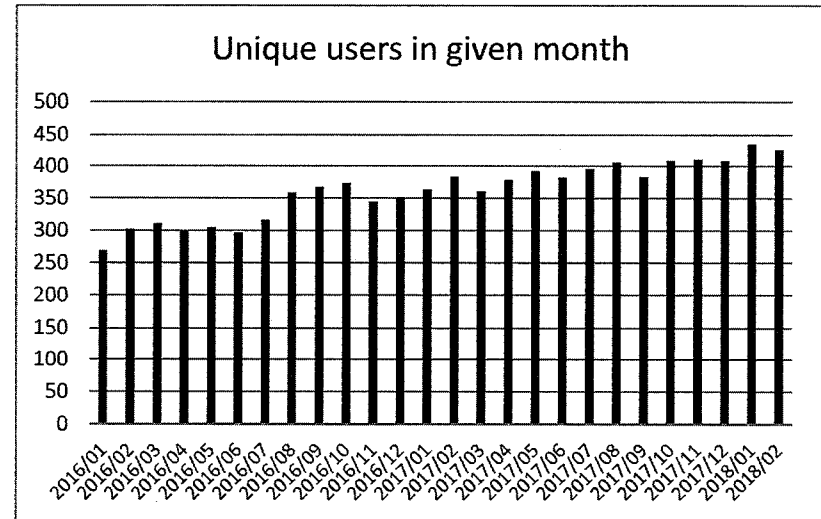
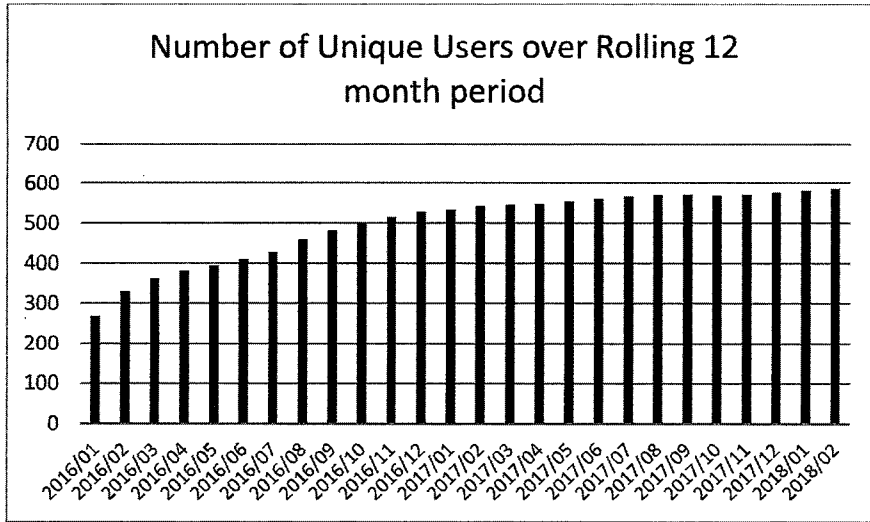
Prepared by:  
Bruce Stoffmacher, Legislation Manager,  
OPD, Research and Planning, Training Division

**Attachments (1)**

**A: Oakland PD User Statistics – Forensic Logic Search Engine**

March 8, 2018

OAKLAND PD USER STATISTICS – FORENSIC LOGIC SEARCH ENGINE



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Approved as to Form and Legality

  
City Attorney's Office

## OAKLAND CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_ C.M.S.

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, OR DESIGNEE, TO ENTER INTO A TWO YEAR CONTRACT WITH FORENSIC LOGIC, INC., FROM JULY 1, 2018 THROUGH JUNE 30, 2020, FOR ONE HUNDRED AND FIFTY EIGHT THOUSAND DOLLARS (\$158,000) FOR THE FIRST YEAR, AND ONE HUNDRED SIXTY EIGHT THOUSAND DOLLARS (\$168,000) FOR THE SECOND YEAR, FOR A TOTAL OF THREE HUNDRED TWENTY SIX THOUSAND DOLLARS (\$326,000) FOR THIS CONTRACT, FOR ACCESS TO THE LEAP SEARCH NETWORK SUITE OF CRIME ANALYSIS APPLICATIONS, LICENSING, TECHNICAL SUPPORT, AND CONSULTING SERVICES; AND 2) WAIVING THE CITY'S ADVERTISING/ BIDDING AND REQUEST FOR PROPOSAL REQUIREMENTS FOR THE PROPOSED PURCHASE

**WHEREAS**, The accurate collection of data and the ability to utilize the data across disparate operating platforms is vital in evaluating crimes and crime control operations; and

**WHEREAS**, Forensic Logic, Inc. has been providing consulting and technical services to the City of Oakland since 2009, including but not limited to being the sole developer of the Law Enforcement Analysis Portal (LEAP), used by the Oakland Police Department to connect the local Records Management System (RMS) and Computer Aided Dispatch (CAD) data with a Federal Bureau of Investigation (FBI) and Criminal Justice Information System (CJIS) compliant data warehouse to analyze trends within an agency and across neighboring agencies; and

**WHEREAS**, The Forensic Logic, Inc. LEAP currently allows both investigators and officers to utilize mapping, charting, and advanced crime analysis tools, and also to link to meta data from other police agencies in the LEAP network, providing OPD with access to more informed data analysis; and

**WHEREAS**, The LEAP software application is well utilized by Department personnel, where approximately 7,000 OPD employees now use the system with approximately 60,000 to 90,000 monthly searches; and

**WHEREAS**, On April 11, 2012, the City Council approved Resolution No. 83819 C.M.S, which authorized: 1) a two-year contract with Forensic Logic, Inc., for the initial



purchase of their LEAP Crime Analysis System, in an amount not to exceed \$195,000; and 2) the waiving of the City's Request for Proposal/Qualifications (RFP/Q) requirements; and

**WHEREAS**, On June 12, 2014, the City Council approved Resolution No. 85082 C.M.S., which authorized: 1) a two-year contract extension with Forensic Logic, Inc., for the continued use of the LEAP Crime Analysis System, for an amount not to exceed \$114,605, making the total not-to-exceed contract amount of \$309,605; and 2) the waiving of the City's RFP/Q requirements; and

**WHEREAS**, On July 5, 2016, the City Council approved Resolution No. 86270 C.M.S., which authorized: 1) a one-year contract extension with Forensic Logic, Inc., for the period of July 1, 2016 through June 30, 2017, in the amount of \$224,375, for the continued use of the LEAP Crime Analysis System, for a total amount not to exceed \$533,980; and 2) the waiving of the City's RFP/Q requirements; and

**WHEREAS**, On June 20, 2017, the City Council approved Resolution No. 86801 C.M.S., which authorized 1) a six-month contract extension with Forensic Logic, Inc., for the period of July 1, 2017 through December 31, 2017, in the amount of \$112,188, for the continued use of the LEAP Crime Analysis System, for a total amount not to exceed of \$646,168; and 2) the waiving of the City's RFP/Q requirements; and

**WHEREAS**, On December 18, 2017, the City Council approved Resolution No. 87002 C.M.S., which authorized: 1) a six month contract extension with Forensic Logic, Inc. for the period of January 1, 2018 through June 30, 2018, in the amount of \$94,500, for the continued use of the LEAP crime analysis system, for a total amount not to exceed \$740,668; and 2) the waiving of the city's RFP/Q requirements; and

**WHEREAS**, Funds of \$326,000 are available from the General Purpose Fund (1010), Information Technology Unit Org. (106410), Contract Services Account (54919), Project (1000008), Agency-wide Administrative Program (PS01); and

**WHEREAS**, Oakland Municipal Code Section 2.04.030.A.1 requires City Council approval of contracts for technology-related professional products or goods in excess of \$250,000; and

**WHEREAS**, Oakland Municipal Code Section 2.04.051.B permits the City Council to waive the request for proposal/qualifications (RFP/Q) requirements upon a finding that it is in the best interest of the City to do so; and

**WHEREAS**, Staff recommends that it is in the best interests of the City to waive the RFP/Q process because Forensic Logic, Inc. is the sole developer and operator of the LEAP Search system, which offers a unique form of critical data analysis to OPD; now, therefore, be it

**RESOLVED:** That the City Administrator is authorized to extend the contract with Forensic Logic, Inc. for the period of July 1, 2018 to June 30, 2020, for use of their LEAP Network suite of crime analysis applications, licensing, technical support, and consulting services; and be it

**FURTHER RESOLVED:** That the contract with Forensic Logic, Inc. will be contingent upon Council adoption of the FY 2018-19 mid-cycle budget such that sufficient funding is maintained in the OPD baseline budget, for an amount not to exceed three hundred twenty six thousand dollars (\$326,000), and a total not-to-exceed amount of \$1,066,668.00; and be it

**FURTHER RESOLVED:** That the City Council finds that pursuant to Oakland Municipal Code sections 2.04.050.1.5 and 2.04.051.B, for the reasons stated above and in the City Administrator's report accompanying this resolution, that it is in the best interests of the City to waive the advertising and bidding requirements and the request for proposal/qualification (RFP/Q) process for the Forensic Logic, Inc. contract extension; and be it

**FURTHER RESOLVED:** That the City Council waives the Local and Small Local Business Enterprise Program (L/SLB) Provisions for the proposed agreement extension with Forensic Logic, Inc.; and be it

**FURTHER RESOLVED:** That the City Administrator or designee is authorized to conduct all negotiations, applications, agreements, extensions and related actions consistent with the purposes of this Resolution, except for increasing the dollar amount, without returning to Council; and be it

**FURTHER RESOLVED:** That the City Attorney shall review and approve the agreement as to form and legality; and be it

**FURTHER RESOLVED:** That a copy of each fully executed agreement shall be placed on file with the Office of the City Clerk.

IN COUNCIL, OAKLAND, CALIFORNIA, \_\_\_\_\_

PASSED BY THE FOLLOWING VOTE:

AYES -        BROOKS, CAMPBELL WASHINGTON, GALLO, GIBSON MCELHANEY,  
                  GUILLÉN, KALB, KAPLAN AND PRESIDENT REID

NOES -

ABSENT -

ABSTENTION -

ATTEST: \_\_\_\_\_  
                  LATONDA SIMMONS  
                  City Clerk and Clerk of the Council of  
                  the City of Oakland, California