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OAKLAND

# AGENDA REPORT

2017 NOV 21 PM 3: 53  
TO: Sabrina B. Landreth  
City Administrator

FROM: Anne E. Kirkpatrick  
Chief of Police

SUBJECT: OPD Crime Analysis Software  
Contracts

DATE: October 30, 2017

City Administrator Approval  
Approval

Date

11/21/17

## RECOMMENDATION

Staff Recommends That The City Council Approve:

A Resolution Authorizing The City Administrator Or Designee To Negotiate And Enter Into A Contract With 1) Tritech Software Systems (Tritech) For Mapping And Analysis Software For A Total Not To Exceed One Hundred Thirty Four Thousand Dollars (\$134,000) For The Period Of January 1, 2018 Through December 31, 2019, With Two Optional One-Year Extensions At A Cost Not To Exceed Sixty One Thousand Seven Hundred Fifty Dollars (\$61,750) Per Year For A Total Contract Not To Exceed Two Hundred Fifty Seven Thousand Five Hundred Dollars (\$257,500), For A Total Period Of January 1, 2018 Through December 31, 2021; AND

2) LexisNexis For Investigative Analysis And Intelligence Management Software For A Total Not To Exceed One Hundred Forty Two Thousand Two Hundred Seventy Four Dollars (\$142,274) For The Period Of January 1, 2018 Through December 31, 2019, With Two Optional One-Year Extensions At A Cost Not To Exceed Seventy-One Thousand One Hundred Thirty Seven Dollars (\$71,137) Per Year For A Total Contract Not To Exceed Two Hundred Eighty Four Thousand Five Hundred Forty Eight Dollars (\$284,548) For A Total Period Of January 1, 2018 Through December 31, 2021; AND

3) Forensic Logic, Inc. (Forensic) For Investigative Analysis And Intelligence Management Software For A Total Not To Exceed Ninety-Four Thousand Five Hundred Dollars (\$94,500) For The Period Of January 1, 2018 Through June 30, 2018.

## EXECUTIVE SUMMARY

The Oakland Police Department (OPD) completed the drafting of a Request for Proposal (RFP) document on February 23, 2017 to ensure that a competitive procurement process was completed for crime analysis software by July 1, 2017. OPD needs analytic technology to illuminate crime trends and undercover actionable intelligence for crime investigations. OPD delayed the release of the RFP to collaborate with the City's new Privacy Advisory Commission (PAC). This City extended the contract with Forensic (OPD's current crime analysis software vendor) to make up for the delay as an interim measure to ensure access to crime analysis software.

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Public Safety Committee  
December 5, 2017

The RFP invited vendors to propose solutions for one or more of the following categories: 1) Mapping and Overall Analysis; 2) Data Mining and Advanced Statistical Analysis; and 3) Investigative Analysis and Intelligence Management. OPD received five total proposals. Trittech received the highest score for Mapping and Overall Analysis; LexisNexis received the highest score for Investigative Analysis and Intelligence Management (no vendor proposed a strong proposal for the 2<sup>nd</sup> category). OPD currently has a contract with Trittech for a variety of data analysis and mapping services. A new contract with Trittech as recommended in this report will continue current services but also allow Trittech to provide additional services (e.g. annual and weekly reports). A new contract with LexisNexis will provide for two tiers of robust data integration services. Both Trittech and LexisNexis will need several months to integrate their services with OPD data systems. Staff therefore recommends an interim six-month contract with Forensic, in addition to the Trittech and LexisNexis contract recommendations.

### **BACKGROUND AND LEGISLATIVE HISTORY**

Crime that occurs each year in Oakland can be analyzed to decipher patterns and help OPD undertake proactive approaches to crime deterrence. Data-driven analysis is one of the hallmarks of modern policing. Police departments need analytic technology to illuminate crime trends and undercover actionable intelligence for crime investigations.

Forensic Logic, Inc. ("Forensic") has provided a variety of crime analysis to OPD for several years. The City first entered into a contract with the firm in 2012 after the City Council approval of Resolution No. 83819 C.M.S., passed on April 11, 2012. The first contract was extended by Resolution No. 85082 C.M.S on June 12, 2014 for the period of July 1, 2014 through June 30, 2016. On July 5, 2016, the City Council approved Resolution No. 86270 C.M.S., which authorized a one-year contract extension for the period of July 1, 2017 through June 30, 2017. Lastly, the City Council approved Resolution No. 86801 C.M.S. on June 2, 2017, extending the contract through December 31, 2017.

The "Forensic Logic Contract Extension" report, presented to the June 13, 2017 Public Safety Committee (PSC), which accompanied the resolution for the last Forensic contract extension (July 1, 2017 – December 31, 2017) detailed OPD's plans for a new crime analysis software RFP. Software systems and crime-related database systems and technology continue to evolve with new product offerings from different firms. OPD designed its RFP to ensure that proposals would encompass a variety of current software standards and databases.

OPD completed a Request for Proposal/Request for Qualifications (RFP/Q) on February 23, 2017. The report presented to the June 13, 2017 PSC explained that RFP publication was delayed because OPD wanted to provide the City's Privacy Advisory Commission (PAC) with an opportunity to review the RFP. OPD expected that the PAC would review the RFP at their April 6, 2017 meeting. However, the PAC chose to fully discuss OPD's Crime Analysis RFP, and OPD therefore requested a six-month contract extension with Forensic (through December 31, 2017) so that the PAC could conclude their review. OPD used feedback from the PAC<sup>1</sup> for the eventual RFP design.

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<sup>1</sup> OPD, based on feedback from the PAC, incorporated protocols for auditing. The RFP clearly stipulated that proposals include auditing and authentication procedures.

OPD designed its RFP (see **Attachment A - Crime Analysis RFP – Scope of Services**) so that different potential vendors could propose best-in-class technology products for any one or more of the following three separate categories:

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

The RFP with the scope of services yielded different proposals from different vendors. OPD's RFP evaluation team reviewed the proposals based upon the RFP scoring criteria. The crime analysis unit and evaluation team now recommend the vendors detailed below to provide an array of useful crime analysis tools.

### **ANALYSIS AND POLICY ALTERNATIVES**

OPD received five total vendor proposals. One vendor proposal scored highest in the "Mapping and Overall Analysis" category, and another vendor proposal scored highest in the "Investigative Analysis and Intelligence Management" category. No vendor proposal for "Data Mining and Advanced Statistical Analysis"<sup>2</sup> was deemed useful enough to OPD's crime analysis unit. OPD is therefore only recommending vendors for the 1<sup>st</sup> and 3<sup>rd</sup> categories.

#### *Tritech / Mapping and Overall Analysis*

OPD has been using Tritech software for several years<sup>3</sup>, and Tritech scored highly in their response to OPD's RFP. Tritech Software Systems (Tritech) responded to OPD's RFP with a high-scoring proposal to provide a variety of geospatial analysis products. The City of Oakland has maintained a contract with CrimeMapping.com<sup>4</sup> since 2008 (owned by Tritech); OPD's current contract allows for access to, and maintenance with all three software products.

Tritech's "Crime View" Dashboard is a separate browser-based portal that connects with OPD incident data to allow sworn personnel access to useful analysis. Crime View allows OPD personnel to view data by crime or penal code, by police beat (or Council District), and by time of day. These data views provide useful crime pattern analysis for officers, OPD commanders, and crime analysts.

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<sup>2</sup> No company submitted a proposal for a true data mining product although the RFP was made available to them. SAP Crystal Reports and Tableau are examples of related data mining software. OPD would benefit from the ability to create complex custom data queries using a direct connection to OPD data; RFP responses did not include this type of query function. OPD will still benefit greatly from use of the chosen crime analysis products, and will rely on other available software for statistical analysis.

<sup>3</sup> ITD originally began using Omega Software for its crimemapping.com system; Tritech purchased Omega in February 2016.

<sup>4</sup> OPD crime incident data can be viewed by anyone from the public at <http://gismaps.oaklandnet.com/crimewatch> (or at [crimemapping.com](http://crimemapping.com)); this website is listed on OPD's Police Data website as well (<http://www2.oaklandnet.com/government/o/OPD/a/data/>) so that the public has consistent access to current incident data in any part of the City.

The third tier of crime analysis software that OPD currently uses from Tritech is their desktop Crime View software. Analysts with this software can connect to the City's Geographic Information Systems (GIS) ESRI (GIS software vendor) enterprise software. Integration with the City's ArcGIS software was RFP requirement; only Tritech offered a solution that included this requirement. The connection of Crime View with the City's GIS system allows personnel to add more detail, to import data sets (e.g. homeless data, school data). OPD as well as other City departments benefit from this ability to connect crime data with other relevant City data.

A new contract with Tritech for use of CrimeView and crimemapping.com will also allow for upgrades to current services. Forensic currently produces the weekly crime reports (WCR) and annual crime reports (WCR) (e.g. year to date data). Tritech explained in the RFP discussions that they will build a custom reporting tool as part of the advanced reporting module (ARM). OPD would pay a one-time fee. Additionally, OPD will pay a small additional annual fee above the proposed annual subscription for all the other services to produce the regular crime reports.

Tritech will need to develop customized forms before the agency-wide search functions described above would be available for use. Tritech staff have stated that they will build this functionality to work with OPD's CAD/RMS by early 2018, should the City Council adopt staff's recommendations. Therefore, OPD is recommending a one-time six-month contract with Forensic to provide continuity for investigative searches (see Forensic Logic LEAP Network Contract below on page 5).

Currently the public cannot download data from crimemapping.com that shows the address of incidents. Some members of the public, especially in the civic-tech community, would like access to incident data with addresses (generalized to the 100 block so as not to provide exact locations). A new contract will also allow OPD and Tritech to upgrade the penal codes associated with incident data.

Tritech is proposing to charge OPD an annual subscription of \$61,750 for all for annual access to all tiers of CrimeView and crimmapping.com. This amount includes an additional \$350 per year for the weekly and annual crime reports. Additionally, Tritech is proposing a one-time fee of \$10,500 to create the new customized forms and query logic so that the ongoing crime report function can be mostly automated.

#### *LexisNexis*

LexisNexis earned the highest score for Investigative Analysis and Data Intelligence Management per OPD's RFP evaluation metrics. LexisNexis offers a product that combines a massive proprietary database along with search functionality that allows users to query their own computer-aided dispatch (CAD) record management system (RMS) as well as some other participating law enforcement agency CAD/RMS systems.

LexisNexis owns the Accurant database, which is comprised on a very large pool of public data. Data such as resident data, coroner reports, property ownership, birth and death records, marriage, court dockets, and criminal records are all available in Accurant. This data is technically public data. However, LexisNexis has pulled this trove of expanding data into one database that allows users to find needed data much more easily. The search system will also allow OPD personnel to query OPD's CAD/RMS along with Accurant simultaneously. The crime

analysis unit is confident that access to this combined data and user-friendly query portal will provide personnel with a very useful investigative tool.

The LexisNexis proposal involves two tiers. There is a browser-based basic search that personnel will be able to use, as described above. Additionally, the proposal also includes purchase of desktop computer software licenses for a more sophisticated version of the search system. The desktop software will allow crime analysts and Criminal Investigations Division (CID) investigators to build human intelligence models based on real suspects associated with local crimes. This later tool will help CID with investigations into local individuals and networks associated homicides, robberies, aggravated assault, and other serious crimes.

LexisNexis is proposing to charge OPD \$71,137 annually for the services described above.

#### *Forensic Logic LEAP Network Contract*

OPD has relied on Forensic for digital crime analysis for over five years. The main ways OPD has historically used Forensic tools are as follows:

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. LeapNetwork – Forensics' LeapNetwork 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

Forensic provided a proposal for Investigative Analysis and Intelligence Management which included continuing these services. The Forensic proposal however, did not score as high as the Trittech proposal. The City's Information Technology Department (ITD) and OPD plan to fulfill OPD's crime mapping needs, as well as the functions provided by Forensic, as follows:

1. Stop Data Analysis – ITD and OPD have spent the last year implementing the new Microsoft PRIME (performance, reports, intelligence, metrics and evaluation) system. PRIME will replace OPD's iPAS system and is flexible and robust enough to also be used for stop-data management.
2. Weekly Crime Reports – Page 4 above explains that Trittech will create customized query forms which will then be used to generate the weekly and annual reports the City expects.
3. LeapNetwork – Forensics' LeapNetwork 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. OPD believes that LexisNexis will be able to provide a similar service after the six-month period required to develop the system that will connect to OPD's CAD/RMS.

Staff recommend a six-month contract with Forensic because Trittech will need time to develop customized query forms that connect to OPD's CAD/RMS. LexisNexis will also need time to develop their system to integrate with OPD's CAD/RMS. This recommendation for a short-term contact is based on the result of the RFP and verifying that OPD's PRIME system, Trittech, and LexisNexis can eventually meet OPD's ongoing crime-analysis needs.

The Forensic pricing is based upon \$189,000 per year for access to their enterprise software solutions (or \$94,500 for six months). OPD spent \$94,500 on the recent six-month contract of July 1, 2017-December 31, 2017. OPD hopes to negotiate a six-month contract for less than \$94,500 for six months. However, OPD is asking for spending authority for an amount not to exceed \$94,500 during this interim period.

### **FISCAL IMPACT**

Table 1 below details the costs of the crime analysis software staff recommendation. The year one cost will include the additional Tritech fees for customized query form development as well as the interim six-month Forensic contact. The costs for the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> years would only include fixed spending amounts for Tritech and LexisNexis (\$132,887 per year). This recommendation will ultimately allow OPD to spend less annually (than current Forensic cost per year) with a more diverse portfolio of software vendors.

*Table 1: Four Year Crime Analysis Software Cost Proposal – 2018-2021*

<b>Vendor</b>	<b>Year 1 (2018) Cost</b>	<b>Year 2 (2019) Cost</b>	<b>Total (Two Years) Cost</b>	<b>Year 3 (2020) Cost</b>	<b>Year 4 (2021) Cost</b>	<b>Total (Four Years) Cost</b>
Tritech	\$72,250	\$61,750	\$134,000	\$61,750	\$61,750	\$257,500
LexisNexis	\$71,137	\$71,137	\$142,274	\$71,137	\$71,137	\$284,548
Forensic (six months)	\$94,500	\$0	\$94,500	\$0	\$0	\$94,500
<b>TOTAL</b>	<b>\$237,887</b>	<b>\$132,887</b>	<b>\$370,774</b>	<b>\$132,887</b>	<b>\$132,887</b>	<b>\$426,548</b>

No additional funds are required for these service contracts; 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 Tritech and LexisNexis 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.

Funds for all three contracts 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**

Notice of the RFP was advertised with the City's i-Supplier network. The OPD and the City's Contract Compliance Office identified and contacted potential vendors, and advertised in appropriate venues (i.e. police and crime analysis publications and industry groups).

## COORDINATION

The Budget Office and the Office of the City Attorney were consulted on the development of this report and accompanying resolution. The Contract Compliance Office supported OPD's RFP.

## 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 PUBLIC SAFETY COMMITTEE

Staff Recommends That The City Council Approve A Resolution Authorizing The City Administrator Or Designee To Negotiate And Enter Into Contract With:

1) Trittech Software Systems (Trittech) For Mapping And Analysis Software For A Total Not To Exceed One Hundred Thirty Four Thousand Dollars (\$134,000) For The Period Of January 1, 2018 Through December 31, 2019, With Two Optional One-Year Extensions At A Cost Not To Exceed Sixty One Thousand Seven Hundred Fifty Dollars (\$61,750) Per Year For A Total Contract Not To Exceed Two Hundred Fifty Seven Thousand Five Hundred Dollars (\$257,500), For A Total Period Of January 1, 2018 Through December 31, 2021;

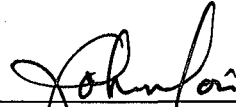
2) Lexisnexis For Investigative Analysis And Intelligence Management Software For A Total Not To Exceed One Hundred Forty Two Thousand Two Hundred Seventy Four Dollars (\$142,274) For The Period Of January 1, 2018 Through December 31, 2019, With Two Optional One-Year Extensions At A Cost Not To Exceed Seventy-One Thousand One Hundred Thirty Seven Dollars (\$71,137) Per Year For A Total Contract Not To Exceed Two Hundred Eighty Four Thousand Five Hundred Forty Eight Dollars (\$284,548) For A Total Period Of January 1, 2018 Through December 31, 2021; And

3) Forensic Logic, Inc. (Forensic) For Investigative Analysis And Intelligence Management Software For A Total Not To Exceed Ninety-Four Thousand Five Hundred Dollars (\$94,500) For The Period Of January 1, 2018 Through June 30, 2018.

Item: \_\_\_\_\_  
Public Safety Committee  
December 5, 2017

For questions regarding this report, please contact Nicole Freeman, Police Services Manager I, CID, (510) 238-3209.

Respectfully submitted,



(for) Anne E. Kirkpatrick  
Chief of Police  
Oakland Police Department

Reviewed by:  
Roland Holmgren, Captain, CID

Prepared by:  
Nicole Freeman, Police Services Manager,  
Crime Analysis Unit, CID

Bruce Stoffmacher, Legislation Manager  
OPD, Research and Planning, Training Division

**Attachments (1):**

**A - Crime Analysis RFP – Scope of Services**



## **Crime Analysis RFP – Scope of Services**

The Crime Analysis Unit RFP is looking for best-in-class technology products in the following categories:

1. Mapping and overall analysis:
  - a. Mapping should include, but not be limited to, hotspotting, density mapping, repeat incident analysis, and so on. Products should be compatible with Esri's ArcGIS or provide their own layer-based mapping system.
  - b. Overall analysis should include, but not be limited to, comparative data analysis, pattern recognitions, temporal reporting, (hotspots, density maps, repeat incidents, visual representation of data, thresholding, predictive analytics, and geographical attribute data
2. Data mining and advanced statistical analysis:
  - a. Data mining should include, but not be limited to, products that connect directly to OPD's primary data sources (LRMS and CAD) and provide a mechanism by which analyst can create complex data queries and extract data in MS Excel formats.
  - b. Advanced tactical analysis should include, but not be limited to, products that can assist analysts with mathematical and statistical operations on mined data, allowing analyst to present data to recipients in easy-to-understand formats like tables, graphs, and diagrams.
3. Investigative analysis and intelligence management:
  - a. Investigative analysis tools should include, but not be limited to, products that assist with case management, link analysis, timeline production, phone toll analysis, and overall major case analytical support, including final product preparation for court
  - b. Intelligence management tools should include, but not be limited to, products that support HUMINT (human intelligence) operations, such as gang database management tools, SNA (social networking analysis), and social media monitoring.

*Maria H. ...*  
City Attorney

FILED  
OFFICE OF THE CITY CLERK  
OAKLAND

# OAKLAND CITY COUNCIL

2017 NOV 21 PM 3: 53

RESOLUTION No. \_\_\_\_\_ C.M.S.

Introduced by Councilmember \_\_\_\_\_

**RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR OR DESIGNEE TO NEGOTIATE AND ENTER INTO A CONTRACT WITH:**

1) TRITECH SOFTWARE SYSTEMS (TRITECH) FOR MAPPING AND ANALYSIS SOFTWARE FOR A TOTAL NOT TO EXCEED ONE HUNDRED THIRTY FOUR THOUSAND DOLLARS (\$134,000) FOR THE PERIOD OF JANUARY 1, 2018 THROUGH DECEMBER 31, 2019, WITH TWO OPTIONAL ONE-YEAR EXTENSIONS AT A COST NOT TO EXCEED SIXTY ONE THOUSAND SEVEN HUNDRED FIFTY DOLLARS (\$61,750) PER YEAR FOR A TOTAL CONTRACT NOT TO EXCEED TWO HUNDRED FIFTY SEVEN THOUSAND FIVE HUNDRED DOLLARS (\$257,500) FOR A TOTAL PERIOD OF JANUARY 1, 2018 THROUGH DECEMBER 31, 2021;

2) LEXISNEXIS FOR INVESTIGATIVE ANALYSIS AND INTELLIGENCE MANAGEMENT SOFTWARE FOR A TOTAL NOT TO EXCEED ONE HUNDRED FORTY TWO THOUSAND TWO HUNDRED SEVENTY FOUR DOLLARS (\$142,274) FOR THE PERIOD OF JANUARY 1, 2018 THROUGH DECEMBER 31, 2019, WITH TWO OPTIONAL ONE-YEAR EXTENSIONS AT A COST NOT TO EXCEED SEVENTY-ONE THOUSAND ONE HUNDRED THIRTY SEVEN DOLLARS (\$71,137) PER YEAR FOR A TOTAL CONTRACT NOT TO EXCEED TWO HUNDRED EIGHTY FOUR THOUSAND FIVE HUNDRED FORTY EIGHT DOLLARS (\$284,548) FOR A TOTAL PERIOD OF JANUARY 1, 2018 THROUGH DECEMBER 31, 2021; AND

3) FORENSIC LOGIC, INC. (FORENSIC) FOR INVESTIGATIVE ANALYSIS AND INTELLIGENCE MANAGEMENT SOFTWARE FOR A TOTAL NOT TO EXCEED NINETY-FOUR THOUSAND FIVE HUNDRED DOLLARS (\$94,500) FOR THE PERIOD OF JANUARY 1, 2018 THROUGH JUNE 30, 2018.

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

**WHEREAS**, crime that occurs each year in Oakland can be analyzed to decipher patterns and help the Oakland Police Department (OPD) undertake proactive approaches to crime deterrence; and

**WHEREAS**, data-driven analysis is critical to police operations and analytic technology helps to illuminate crime trends and undercover actionable intelligence for crime investigations; and

**WHEREAS**, software systems and crime-related database systems and technology continue to evolve with new product offerings from different firms; and

**WHEREAS**, OPD designed its RFP to ensure that proposals would encompass a variety of current software standards and databases; and

**WHEREAS**, OPD completed a Request for Proposal/Request for Qualifications (RFP/Q) on February 23, 2017; and

**WHEREAS**, the report presented to the June 13, 2017 public safety committee (PSC) explained that the RFP publication was delayed because OPD wanted to provide the City's Privacy Advisory Commission (PAC) with an opportunity to review the RFP and the PAC chose to fully discuss OPD's Crime Analysis RFP, and OPD used feedback from the PAC (protocols to ensure data integrity and privacy) for the eventual RFP design; and

**WHEREAS**, the "Forensic Logic Contract Extension" report, presented to the June 13, 2017 PSC, which accompanied the resolution for the last Forensic Logic, Inc. contract extension (July 1, 2017 – December 31, 2017) detailed OPD's plans for a new crime analysis software RFP; and

**WHEREAS**, OPD designed its RFP so that different potential vendors could propose best-in-class technology products for any one or more of the following three separate categories: 1) Mapping and Overall Analysis; 2) Data Mining and Advanced Statistical Analysis; and 3) Investigative Analysis and Intelligence Management; and

**WHEREAS**, the RFP with the scope of services yielded different proposals from different vendors and OPD's RFP evaluation team reviewed the proposals based upon the RFP scoring criteria; and

**WHEREAS**, OPD received five total vendor proposals, and Trittech received the highest score for "Mapping and Overall Analysis," and LexisNexis received the highest score for "Investigative Analysis and Intelligence Management," and no vendor proposal for "Data Mining and Advanced Statistical Analysis" was deemed useful enough to OPD's crime analysis unit; and

**WHEREAS**, OPD has relied upon Forensic since 2012 for: 1) Stop Data Analysis; 2) weekly crime reports; and 3) use of its LEAPNetwork for sophisticated data analysis; and

**WHEREAS**, Forensic provided a proposal for Investigative Analysis and Intelligence Management, which did not score as high as the Trittech proposal; and

**WHEREAS**, OPD will be able to eventually use a combination of Trittech, LexisNexis and existing software systems to provide services similar to those currently provided to OPD by Forensic; however, Trittech and LexisNexis will both need time to

develop customized query forms that connect to OPD's computer-aided dispatch (CAD) / Record Management System (RMS), therefore staff recommend a six-month contract with Forensic until Tritech, LexisNexis and other existing software systems can be prepared to meet critical OPD crime analysis needs; and

**WHEREAS**, the City first entered into a contract with Forensic in 2012 after the City Council approval of Resolution No. 83819 C.M.S., passed on April 30, 2012, and the first contract was extended by Resolution No. 85082 C.M.S on July 1, 2014 for the period of July 1, 2014 through June 30, 2016, and on July 5, 2016, the City Council approved Resolution No. 86270 C.M.S., which authorized a one-year contract extension for the period of July 1, 2017 through June 30, 2017, and the City Council approved Resolution No. 86801 C.M.S. on June 20, 2017, extending the contract through December 31, 2017; and

**WHEREAS**, all funds will be allocated from the General Purpose Fund (1010), Information Technology Unit Org. (106410), Contract Services Account (54919), Project (0000000), Agency-wide Administrative Program (PS01); and

**WHEREAS**, Oakland Municipal Code Section 2.04.020.A requires City Council approval of contracts for supplies and/or services, and professional services that are more than \$250,000.00; therefore be it

**RESOLVED:** that the City Administrator or designee is authorized to negotiate and enter into a contract with Tritech for mapping and analysis software for a total not to exceed \$134,000 for the period of January 1, 2018 through December 31, 2019, with two optional one-year extensions at a cost not to exceed \$61,750 per year for a total contract not to exceed \$257,500, for a total period of January 1, 2018 through December 31, 2021; and be it

**FURTHER RESOLVED:** that the City Administrator or designee is authorized to negotiate and enter into a contract with LexisNexis for investigative analysis and intelligence management software for a total not to exceed \$142,274 for the period of January 1, 2018 through December 31, 2019, with two optional one-year extensions at a cost not to exceed \$71,137 per year for a total contract not to exceed \$284,548 for a total period of January 1, 2018 through December 31, 2021; and be it

**FURTHER RESOLVED:** that the City Administrator or designee is authorized to negotiate and enter into a contract with Forensic Logic, Inc. (Forensic) for investigative analysis and intelligence management software for a total not to exceed \$94,500 for the period of January 1, 2018 through June 30, 2018; and be it

**FURTHER RESOLVED:** that the contracts with Tritech and LexisNexis 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, for a total amount not to exceed \$426,548 for all three contracts through the 2018-2021 four-year period; 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 Administrator or her designee shall place copies of the contract and any extensions shall be filed with the Office of the City Clerk; and be it

**FURTHER RESOLVED:** That the City Attorney shall review and approve all contracts as to form and legality.

IN COUNCIL, OAKLAND, CALIFORNIA, \_\_\_\_\_, 20\_\_\_\_\_

**PASSED BY THE FOLLOWING VOTE:**

AYES - BROOKS, CAMPBELL WASHINGTON, GALLO, GIBSON MCELHANEY, GUILLEN, KALB, KAPLAN, and PRESIDENT REID

NOES -

ABSENT -

ABSTENTION -

ATTEST: \_\_\_\_\_  
LaTonda Simmons  
City Clerk and Clerk of the Council  
of the City of Oakland, California