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OFFICE OF THE CITY CLERK
OAKLAND

CITY OF OAKLAND
AGENDA REPORT

2009 DEC 22 PM 5:51

To: Office of the City Administrator
Attn: Dan Lindheim
From: Police Department
Date: January 12, 2010

Re: A Report and Proposed Resolution Authorizing the City Administrator, on Behalf of the City of Oakland, to Waive the Competitive Request for Qualifications/Proposals (RFQ/RFP) Process, and enter into a Sole Source Agreement with Analysis Central Systems in an amount not to exceed One Hundred Ninety Thousand and Seven Hundred Dollars (\$190,700) for Implementation of the Police Resource Optimization System (PROS) Within the Oakland Police Department

SUMMARY

Staff has prepared a report and proposed resolution authorizing the City Administrator to waive the Competitive Request for Qualifications/Proposals (RFQ/RFP) process, and enter into a sole source agreement with Analysis Central Systems in an amount not to exceed \$190,700 for implementation of the Police Optimization System (PROS) within the Oakland Police Department.

FISCAL IMPACT

Approval of this resolution will authorize the City Administrator to waive the RFQ/P process, and enter into a sole source agreement with Analysis Central Systems, in an amount not to exceed \$190,700 for the implementation of the Police Optimization System within the Oakland Police Department, which includes the cost of maintenance for the first two years (\$18,000).

The purchase and implementation of the PROS software is fully funded by the grant award from the U.S. Department of Justice, Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program, Federal Grant Fund (2112), Bureau of Administration Org (106110), Agency-wide Administration Program (PS01), Project G378910, Account 52213.

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Expense allocations are as follows:

Description and Use of Funds	Amount
JAG GRANT FUNDS	
<ul style="list-style-type: none">• Integration with CAD Software• Solution Software-Server License• Solution Software-Client Licensing• Customization of system• Training• Annual Software Support Maintenance for Two (2) Years• One year warranty	
GRAND TOTAL:	\$190,700

BACKGROUND

The Oakland Police Department currently deploys its officers based upon dispatch data from 2005 and intuitive knowledge of the crime prevention needs of the City. Although this deployment is effective it is not an optimal use of police resources. Individual beat workloads are unbalanced creating inefficiency in how officers are assigned and how officers respond to calls for service. Staffing and deploying officers based upon quantitative data is needed to forecast, allocate and optimize diminishing resources, and improve response time and crime reduction efforts.

KEY ISSUES AND IMPACTS

The Police Resource Optimization System will enable the Police Department to further both its community policing strategies and crime prevention efforts by having significant resource conservation, faster response times, balancing officer workload, evaluating levels of performance and higher levels of officer productivity.

Sole Source Justification

Staff researched and contacted other public safety organizations that have selected PROS for their deployment strategies. Each of the organizations has found the company's services to be satisfactory and cost effective. Additionally, Analysis Central Systems is the only vendor to provide for the specific needs of the Oakland Police Department. The PROS system has won the

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Franz Edelman Prize as the most advanced mathematical software application to policing by the Institute for Operational Research and the Management Sciences, no other supplier offers mathematical optimization of resource allocation to the combinatorial complex problem of forecasting, allocation, scheduling and geographic deployment of police officers. This system will digest and analyze the millions of activities the Oakland Police Department patrol officers perform by category, day, hour and complexity and will forecast patrol officer needs by beat and area for the entire City. The system will allocate resources optimally based upon quantitative methods combined with management policies and the needs of officers and the community.

Long Beach PD, Nashville PD, Vancouver, British Columbia PD, Bedfordshire, and England PD have used Analysis Central Systems as a sole source vendor.

PROGRAM DESCRIPTION

The Police Resource Optimization System was developed to identify neighborhood needs, problems, and workloads for officers through the evaluation of Computer Aided Dispatch (CAD) data, and optimize the deployment of officers for more effective use of resources based upon this data. PROS assists in officer scheduling by day of week, hour, and shift by effectively organizing beat configurations to reduce cross dispatching and response times by deploying officers where the need is greatest through the identification of crime patterns and officer performance levels; PROS will also provide the analytic work needed to maximize the delivery of services.

Many law enforcement agencies across the United States have deployed PROS as part of their operational strategies. This technology is used in major cities such as Long Beach, Dallas, Miami and Sacramento to conserve resources and improve deployment and officer safety.

SUSTAINABLE OPPORTUNITIES

Economic: Crime prevention activities funded by this spending plan will have a positive impact on property values and business opportunities.

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

Social Equity: Implementation of the PROS system will result in optimization of police resources and scheduling and positively impact response time to calls for service, thereby increasing the ability for officers to arrive at crime scenes in a timelier manner and improving arrest statistics.


DISABILITY AND SENIOR CITIZEN ACCESS

There are no ADA or senior citizen access issues contained in this report.

RECOMMENDATION/ACTION REQUESTED OF THE COUNCIL

Staff recommends acceptance of this report and that the City Council approve the resolution authorizing the City Administrator to waive the Competitive Request for Qualifications/Proposals (RFQ/RFP) process, and enter into a sole source agreement with Analysis Central Systems in an amount not to exceed \$190,700 for implementation of the Police Resource Optimization System (PROS) within the Oakland Police Department.

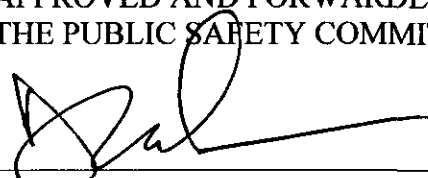
Respectfully submitted,


For Anthony W. Batts
Chief of Police

Prepared by:
Eric Breshears
Deputy Chief of Police
Oakland Police Department

Reviewed by:
Ms. Cynthia Perkins
Legislative Analyst
Oakland Police Department

APPROVED AND FORWARDED TO
THE PUBLIC SAFETY COMMITTEE:


Office of the City Administrator

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FILED
OFFICE OF THE CITY CLERK
OAKLAND

OAKLAND CITY COUNCIL


 City Attorney

2009 DEC 22 PM 5:55

RESOLUTION No. _____ C.M.S.

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, ON BEHALF OF THE CITY OF OAKLAND, TO WAIVE THE COMPETITIVE REQUEST FOR QUALIFICATIONS/PROPOSALS (RFQ/RFP) PROCESS, AND ENTER INTO A SOLE SOURCE AGREEMENT WITH ANALYSIS CENTRAL SYSTEMS IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY THOUSAND AND SEVEN HUNDRED DOLLARS (\$190,700) FOR IMPLEMENTATION OF THE POLICE RESOURCE OPTIMIZATION SYSTEM (PROS) WITHIN THE OAKLAND POLICE DEPARTMENT

WHEREAS, on May 5, 2009, the City Council approved Resolution No. 81975 C.M.S., authorizing the acceptance and appropriation of grant funds in the amount of \$3,311,680 from the U.S. Department of Justice, Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program for a broad range of activities to prevent and control crime, including a \$432,654 allocation for technology to support these endeavors; and

WHEREAS, the Police Resource Optimization System (PROS) shall assist in the improvement of the Department's police-community relations and crime reduction efforts through more effective and equitable resource allocation, as well as overall public safety management of resources; and

WHEREAS, the PROS system will utilize the existing proven technologies, compatible interfaces and best practices in the current City IT infrastructure, to minimize the additional integration costs; and

WHEREAS, staff researched and contacted other public safety organizations that have selected Analysis Central Systems and currently use their PROS system; and

WHEREAS, Analysis Central Systems is the only vendor proven to have time tested technology that is compatible with specialized public safety equipment (i.e., Computer Automated Dispatch [CAD] Systems) and utilizes mathematical software to analyze the allocation, scheduling and deployment of police officers; and

WHEREAS, Oakland Municipal Code Sections 2.04.051.A and 2.04.040.B require staff to conduct some type of advertising and solicitation processes to be determined by the City Administrator for the purchase of professional services; and

WHEREAS, Oakland Municipal Code Section 2.04.051.B authorizes the City Council to waive requests for proposal/qualification processes upon finding that it is in the best interests of the City to do so; and

WHEREAS, for the reasons stated above, the Police Department requests a waiver of the competitive request for proposal/qualifications process for the purchase of goods and services from Analysis Central Systems in the amount not to exceed \$190,700 for provision of services necessary to carry out the purposes of the PROS system; and

WHEREAS, the City Administrator has determined that services provided pursuant to said agreement with Analysis Central Systems are of a professional, scientific, or technical nature and are temporary in nature; and

WHEREAS, the City Administrator has determined that said agreement shall not result in a loss of employment or salary by any person having permanent status in the competitive service; now, therefore be it

RESOLVED: That the City Council hereby authorizes the City Administrator, or his designee, to waive the Competitive Request for Qualifications/Proposals (RFQ/RFP) process, and enter into a sole source agreement with Analysis Central Systems in an amount not to exceed \$190,700 for implementation of the PROS system within the Oakland Police Department; and be it

FURTHER RESOLVED: That up to \$190,700 in grant funds from the U.S. Department of Justice, Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program, Federal Grant Fund (2112), Bureau of Administration Org (106110), Agency-wide Administration Program (PS01), Project G378910, Account 52213 be utilized for the purchase and implementation of the PROS system; and be it

FURTHER RESOLVED: That pursuant to Oakland Municipal Code section 2.04.051.B and based on the reasons set forth in the City Administrator's agenda report accompanying this resolution, the City Council hereby finds and determines that it is in the best interests of the City to waive the competitive request for proposal/qualifications process for the purchase of goods and services from Analysis Central Systems relative to the delivery of services associated with the FY 2009 JAG Formula Program; and be it

FURTHER RESOLVED: That the City Council finds and determines based on the above determinations of the City Administrator, that the goods and services provided pursuant to the agreements authorized hereunder are of a professional, scientific, or technical and temporary nature, and shall not result in a loss of employment or salary by any person having permanent status in the competitive service process; and be it

FURTHER RESOLVED: That the City Administrator or his designee is hereby authorized to complete all required negotiations, certifications, assurances and documentation required to accept, modify, extend and/or amend the grant awards, and be it

FURTHER RESOLVED: That the City Attorney shall review and approve said agreements as to form and legality and copies of said agreements shall be filed with the Office of the City Clerk.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20____

PASSED BY THE FOLLOWING VOTE:

AYES- BROOKS, DE LA FUENTE, KAPLAN, KERNIGHAN, NADEL, QUAN, REID, and PRESIDENT BRUNNER

NOES-

ABSENT-

ABSTENTION-

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