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OAKLAND

2013 MAY 31 AM 9:14

AGENDA REPORT

TO: DEANNA J. SANTANA
CITY ADMINISTRATOR

FROM: Ahsan Baig
Manager, DIT

SUBJECT: PUBLIC SAFETY
TECHNOLOGY NEEDS

DATE: May 28, 2013

City Administrator
Approval

Date

5/30/13

COUNCIL DISTRICT: City-wide

RECOMMENDATION

Staff recommends that City Council approve a resolution authorizing the City Administrator to expend (\$3,042,000) Three Million Forty Two Thousand Dollars from the FY 2012-13 General Fund Undesignated Fund Balance on Public Safety Radio System (P25) including 911 infrastructure upgrades and immediate improvement needs to City dispatch communications centers and waive the competitive bidding, advertising, and the request for proposal process and delegate authority to the City Administrator to award contracts.

OUTCOME

Adoption of this resolution will allow the City Administrator to expend monies on 911 infrastructure upgrades and immediate improvement needs to the City's dispatch communications center and award necessary contracts for the purchase of equipment and services as necessary.

EXECUTIVE SUMMARY

As discussed in closed session on May 21, 2013, staff is returning with a recommendation and resolution appropriating and authorizing the City Administrator to invest in infrastructure upgrades and improvements to the P25 Radio System. These infrastructure upgrades are limited to replacing current equipment within existing City facilities and therefore requires each replacement and/or upgrade to conform to the space and technical specifications of existing public safety facilities and/or systems.

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The project requirements and limited scope restrict the City to a very limited pool of qualified vendors, which are familiar with existing City systems and facilities who could supply the necessary professional services and equipment to complete this project. In order to accomplish the project as expeditiously and cost effectively as possible, the project shall take into account the reuse of existing systems and facilities to the greatest extent possible, and ensure that professional services firms who perform the work have recent experience working with the existing systems and facilities.

Oakland Municipal Code ("OMC") Section 2.04.050 requires advertising and bidding for contracts for the purchase of supplies, equipment, and computer software and the award to the lowest responsible, responsive bidder if award is made. Section 2.04.050 I. 5 provides an exception to the advertising and competitive bidding requirement of the OMC upon a finding and determination by the Council that it is in the best interests of the City to do so.

Additionally, OMC Section 2.04.051 A. requires that a competitive Request For Proposal ("RFP") or Request For Qualifications ("RFQ") selection process for award of contracts that exceed \$25,000 for professional service contracts and which are exempt from bidding under Section 2.04.050.1.1. OMC Section 2.04.051 B provides that the Council can waive the RFP/RFQ requirement if it finds that it is in the best interests of the City to do so.

Staff recommends that the City Council finds and determines that it is in the best interests of the City to waive formal advertising and bidding requirements for the purchase of the equipment and professional services to accomplish these immediate upgrades and improvements to the City 911 Infrastructure, and to waive the RFP/RFQ selection requirement for the professional services aspects of this project.

The resolution will also waive the advertising, bidding, and the request for proposal process in order to remedy the immediate public safety related communications needs as expeditiously as possible. To the greatest extent possible, staff will utilize existing contracts for equipment and services, including but not limited to, WSCA, CMASS, GSA, and other City contracts as part of this project.

This report provides the City Council with information about the funding and spending plan to accomplish this project. A high-level project plan has been established with well-defined deliverables to meet the project schedule and reduce any risk that these infrastructure deficiencies may create to the City's public safety entities.

These improvements are required regardless of radio service providers; that is, whether the City joins the East Bay Regional Communications Systems Authority (EBRCSA) or maintains its own P25 radio system. Based upon the plan to design and implement these infrastructure improvements, the estimated completion date for this project is November 2013.

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FISCAL IMPACT

This resolution will authorize the City Administrator to expend an amount not to exceed \$3,042,000 from the FY 2012-13 General Fund balance.

The Department of Technology is responsible for the maintenance of the equipment and facilities detailed in this project. The Radio Fund (4200) covers maintenance and operation of these systems and no additional maintenance costs are anticipated as a result of this project.

BACKGROUND

Beginning in August of 2012, the City Administrator directed the Department of Information Technology to identify and resolve any issues related to failures of the P25 Public Safety Radio System. Since that time, staff has performed a detailed analysis of the P25 System including the supporting facilities and infrastructure, which supports the P25 Radio System, as well as many other critical public safety systems. The infrastructure that supports the City's 911 communications centers is nearing fifteen (15) years old, well past its useful life, and requires immediate upgrades to ensure these facilities can continue performing their duties to serve the residents of Oakland and ensure for the safety of our public safety employees. Numerous instances of communication failures and the ongoing issues related to premature failure of existing equipment have been identified as being caused by this aged supporting infrastructure, as well as, deficient power and grounding systems. In addition, two communications facilities that support both 911 centers was identified as being structurally deficient and require remediation to ensure their survivability during a seismic event.

The list of facilities and deficiencies are detailed below, they include the following:

- APL Communications Facility Uninterruptable Power Supply Replacement, Emergency Generator Power System Reconfiguration, Emergency Heat Exhaust Fan Installation.
Estimated Cost: \$450,000
- 911 Communications Centers (OPD Dispatch Center and Fire Dispatch Center) - Electrostatic Discharge Remediation and Upgrades, Video Display Monitor Replacements, Dispatcher Console Seismic Upgrades, Power & Grounding Upgrades, Console Cabling Replacements, Communications Shelter Replacement.
Estimated Cost: \$1,592,000
- Seneca Communications Facility – Building Shelter Replacement, Emergency Generator Replacement, Grounding & Power Upgrades.
Estimated Cost: \$500,000

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- GWIN Communications Facility – Emergency Generator Replacement, Power & Grounding Upgrades, Communications Shelter Replacement.
Estimated Cost: \$500,000

This one-time investment in public safety communication infrastructure upgrades will improve radio and 911 communications performance and help to ensure that our dispatch centers have the ability to maintain their mission critical function on a day-to-day basis. It will also increase the City's ability to function during regional natural disasters.

Further, the Council should consider that these upgrades to communications infrastructure are necessary regardless of the City continuing to operate its own public safety radio system, or opting to utilize an alternative radio system such as the East Bay Regional Communications Systems Authority (EBRCSA). It is also important to note that staff has uncovered additional cases of infrastructure related upgrades which require remediation, as well as operational deficiencies which may be contributing to reduced performance with its public safety technology systems, including radio communications. Staff recognizes that the City has limited personnel and financial resources to accomplish the full list of deficiencies and recommends that the above items be considered as highest priority items and should be considered as the first phase of a three phase approach to resolving the ongoing public safety technology deficiencies uncovered during this analysis.

Staff anticipates returning to the Council within the next ninety days to provide additional information and recommendations for the second phase of remediation.

SUSTAINABLE OPPORTUNITIES

Economic: There are no economic development opportunities related to this report at this time.

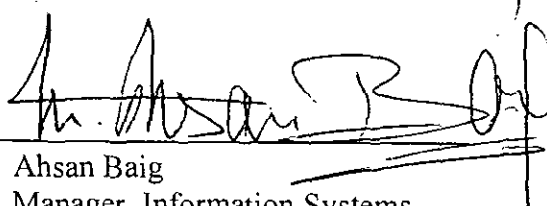
Environmental: There are no environmental opportunities related to this report.

Social Equity: The City of Oakland continues to ensure that the Public Safety personnel are able to communicate during emergencies with minimal disruptions therefore providing first responders the ability to respond during emergencies to all of Oakland's residents and the community.

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For questions concerning the contents of this report, please contact David Cruise, Information Systems Supervisor at 510-238-3917.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ahsan Baig", written over a horizontal line.

Ahsan Baig
Manager, Information Systems
Public Safety Systems Services
Department of Information Technology

Reviewed by:
Gilbert Garcia, Bureau of Services
Oakland Police Department

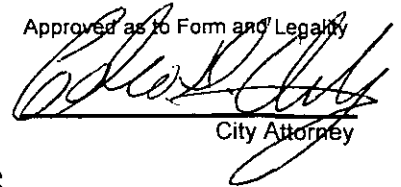
Prepared by:
David Cruise
IS Supervisor, Wireless Communications
Public Safety Systems Services
Department of Information Technology

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FILED
OFFICE OF THE CITY CLERK
OAKLAND

OAKLAND CITY COUNCIL

Approved as to Form and Legality


City Attorney

2013 MAY 31 AM 9:14 RESOLUTION NO. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR OR HER DESIGNEE TO EXPEND (\$3,042,000) THREE MILLION FORTY TWO THOUSAND DOLLARS FROM THE FY 2012-2013 GENERAL FUND UNDESIGNATED FUND BALANCE ON PUBLIC SAFETY RADIO SYSTEM (P25) INCLUDING 911 INFRASTRUCTURE UPGRADES AND IMMEDIATE IMPROVEMENT NEEDS TO DISPATCH COMMUNICATIONS CENTERS AND 1) WAIVE THE COMPETITIVE BIDDING, ADVERTISING, AND REQUEST FOR PROPOSAL PROCESS AND 2) DELEGATE AUTHORITY TO THE CITY ADMINISTRATOR, OR HER DESIGNEE, TO AWARD CONTRACTS

WHEREAS, a public safety radio system is required in order to ensure the safety of residents who need emergency services and of emergency responders; and

WHEREAS, there are radio communications failures in the City of Oakland's public safety radio system; and

WHEREAS, staff has identified the causes of many of these radio communications failures and has developed an infrastructure improvement plan that will significantly decrease radio failures; and

WHEREAS, the radio system and our 911 infrastructure are critical and necessary tools which serves the City's public safety employees and residents and it is in the best interest of the City to remediate the identified needs as expeditiously as possible; and

WHEREAS, staff has determined the required upgrades and improvements must be able to integrate into existing systems and facilities and therefore limit the qualified vendors which are able to provide the equipment and services to facilitate the upgrades and improvements at the lowest possible cost; and

WHEREAS, staff shall utilize existing contracts for services and equipment to the fullest extent possible;

WHEREAS, Oakland Municipal Code ("OMC") section 2.04.050 requires advertising and bidding for contracts for the purchase of supplies, equipment, and computer software and the award to the lowest responsible, responsive bidder if award is made; and

WHEREAS, OMC section 2.04.051 requires that a competitive Request For Proposal ("RFP") or Request For Qualifications ("RFQ") selection process for award of contracts that exceed \$25,000 for professional service contracts and which are exempt from bidding under Section 2.04.050.1.1; and

WHEREAS, OMC sections 2.04.050.1. and 2.04.051.B permit the Council to waive advertising, bidding and the request for proposal/qualifications processes upon finding that it is in the City's best interest to do so; and

WHEREAS, staff has determined that a limited number of qualified vendors are able to supply the equipment and professional services City Administrator has determined that the services that will be needed for these public safety communication improvements are of a professional, scientific or technical and temporary nature and shall not result in the loss of employment or salary by any person having permanent status in the competitive service;

WHEREAS, the City Administrator has determined that the services that will be needed for these public safety communication improvements are of a professional, scientific or technical and temporary nature and shall not result in the loss of employment or salary by any person having permanent status in the competitive service;

WHEREAS, the appropriation of General Purpose Fund (1010) fund balance is necessary to implement these infrastructure improvements; now, therefore be it

RESOLVED, that the City Council hereby authorizes the City Administrator or her designee to negotiate and award contracts for public safety radio system upgrades and immediate improvements to the dispatch communications center in an amount not to exceed \$3,042,000; and be it

RESOLVED, the City Administrator is authorized to appropriate \$3,042,000 in fiscal year 2012-13 from the General Purpose Fund (1010) fund balance to effect these improvements; and be it

RESOLVED, the City Administrator will report to the City Council on the amount of each contract awarded and the improvements associated with each one; and be it,

FURTHER RESOLVED: That pursuant to OMC sections 2.04.050.1. and 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 interest of the City to waive the competitive request for proposal/qualifications process for the purchase of goods and services related to the delivery of 911 infrastructure upgrades; 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 contracts shall be reviewed and approved by the City Attorney and placed on file in the Office of the City Clerk.

IN COUNCIL, OAKLAND, CALIFORNIA, _____

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, GALLO, GIBSON MCELHANEY, KALB, KAPLAN, REID, SCHAAF and PRESIDENT KERNIGHAN

NOES -

ABBENT -

ABSTENTION -

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