



**City of Sacramento  
City Council**

16

915 I Street, Sacramento, CA, 95814  
[www.CityofSacramento.org](http://www.CityofSacramento.org)

**Meeting Date: 12/13/2011**

**Report Type: Consent**

**Title: Multi-Year Operating Project/Agreement: NextGen Mobile Data Computers with In-Car Video Systems [2/3 Vote Required]**

**Report ID: 2011-01018**

**Location: Citywide**

**Recommendation:** Adopt a Resolution authorizing the City Manager, or the City Manager's designee, to: 1) reject all bids submitted under Bid No.B121381001 (Mobile Data Computers with In Car Video Systems); 2) suspend further competitive bidding in the best interest of the City, for Mobile Data Computers with In-Car Video Systems; 3) award a contract to Lehr Auto, for the purchase of Mobile Data Computer (MDC) and Digital In-Car-Camera (ICC) systems for all police patrol and specialty units in an amount not to exceed \$3,887,183.19; 4) establish a Multi-Year Operating Project (MYOP) for the NextGen project (I11000100); 5) increase the appropriate revenue and expense budgets in the Cal-ID LiveScan (E11000500) project in an amount not to exceed \$276,222 and in the Regional Transit (E11004400) project in amounts not to exceed \$142,545; 6) increase the appropriate Police Department operating budget reimbursements in an amount not to exceed \$1.45 million (General Fund – 1001); and 7) increase the appropriate expense budgets in the NextGen project (I11000100) in an amount not to exceed \$1.45 million (General Fund – 1001).

**Contact:** Kevin Gardner, Acting Captain, (916) 566-6565, Police Department

**Presenter:** None

**Department:** Police

**Division:** Public Safety Information Tech

**Dept ID:** 11001381

**Attachments:**

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- 1-Description/Analysis
- 2-Background
- 3-Resolution
- 4-Exhibit A Bid Results

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**City Attorney Review**

Approved as to Form  
Steve Itagaki  
12/6/2011 4:30:11 PM

**City Treasurer Review**

Reviewed for Impact on Cash and Debt  
Russell Fehr  
11/30/2011 4:43:22 PM

**Approvals/Acknowledgements**

Department Director or Designee: Rick Braziel - 12/6/2011 11:21:33 AM



## Description/Analysis

**Issue:** The Sacramento Police Department's (SPD) current Mobile Data Computer (MDC) and In-Car-Camera (ICC) systems installed in patrol and specialty unit vehicles are in need of replacement due to age, replacement and warranty issues. Current estimates for MDC repairs necessary for system operability exceed \$100,000 per year. Through the implementation of this project, the Department will be able to dramatically improve system performance, reliability, speed and accessibility to critical police data.

For over a year, the department has been in the research, design and testing mode to determine the best overall MDC/ICC solution possible, as well as, upgrade the current network infrastructure required to accommodate the new system. Three prototype vehicles were built out for testing and evaluation and in September 2011, the SPD issued a bid request for the equipment, installation, warranty and training for the desired MDC/ICC solution. Lehr Auto was the only responsive bid received and was recognized as the low bid. Subsequent to the bid award, changes were negotiated with Lehr Auto to drop a mounting bracket, replace a wiring harness with a better solution for approximately the same cost as the original bid, and renegotiate the optional extended warranties, resulting in a lower overall bid by approximately \$425,000. According to City procurement policies the change in bid terms and bid amount would require issuing a new request for bids. Due to the critical nature of this project the SPD recommends City Council reject all bids, suspend any further competitive bidding and award the contract to Lehr Auto in an amount not to exceed \$3,887,183.19.

Additional funding is required to complete the NextGen project. The SPD has identified \$1.45 million in Externally Funded Program (EFP) funding for this purpose. The EFP balances are from prior year overhead reimbursements. The recommendations contained in this report will allow the SPD to establish a Multi Year Operating Project (MYOP) for NextGen and appropriate funding in an amount not to exceed \$1.45 million.

**Policy Considerations:** The recommendations contained in this report are consistent with: 1) City Code Section 3.56.090 and AP-4102 requiring City Council approval for agreements equal to or greater than \$100,000; 2) Resolution #2010-346 prohibiting the City from entering into any contract to purchase goods or services from any business or entity headquartered in Arizona; 3) Resolution #2011-391 requiring City Council approval to establish a MYOP and appropriate funding in excess of \$100,000; and 4) City Code sections 3.56.160 and 3.56.230(B)-(C), which allows City Council to reject any and all bids for the purchase of supplies and suspend further competitive bidding upon a two-thirds vote by Council.

**Environmental Considerations:** This proposal does not constitute a "project" and is therefore exempt from the California Environmental Quality Act according to CEQA guidelines Sections 15061(b)(3) and 15378(a).

**Sustainability Considerations:** There are no sustainability considerations associated with this report.

**Commission/Committee Action:** None.

**Rationale for Recommendation:** The recommendations contained in this report are necessary to ensure that all patrol vehicles and specialty vehicles are outfitted with working MDC/ICC systems. The current MDC/ICC solution is old, no longer in production and no longer covered by warranty. Law enforcement agencies typically replace MDC equipment every three to five years. The Police Department's MDCs have been in operation for ten years and are in need of replacement. Through the implementation of this project, the Department will be able to dramatically improve system capabilities, which will enhance officer safety and efficiency through improved communication, integration, and collaboration. In addition to the technology gains in speed and reliability, the Department will experience an operational savings in the system repair costs and labor costs associated with maintaining outdated equipment.

The competitive bid for this project was posted for three weeks. After the closing of the competitive bidding process, one bid was received. The SPD has no reason to believe that additional bidders would respond if the bid was opened again to competitive bidding. The proposed contract amount is reflective of a competitive low bid. The SPD recommends moving forward with the selection of Lehr Auto in order to avoid further delays that put officer safety at risk and increase additional support costs for the current, outdated system.

**Financial Considerations:** The NextGen project will be primarily funded out of previously approved Justice Assistance Grants (JAG) (Resolutions: 2009-370, 2009-549, 2010-272) and Asset Forfeiture funding (Resolution: 2011-287).

Additional funding authority in the amount of \$1.45 million is recommended for the NextGen project from available Externally Funded Program (EFP) balances. The EFP balances are from prior year overhead reimbursements. Of the \$1.45 million, approximately \$418,000 requires additional authority to increase revenue and expense budgets (E11000500 Cal-ID LiveScan: \$276,222 and E11004400 Regional Transit: \$142,545). After the completion of the NextGen project, any remaining funds will be brought back to City Council for further consideration.

The recommended budget adjustment will not impact the Police Departments General Fund operating budget.

**Emerging Small Business Development (ESBD):** The purchase of supplies and equipment will be made in accordance with the City's Emerging and Small Business Development program requirements whenever possible. Lehr Auto is certified by the City of Sacramento as a small business enterprise.

## Background

The Sacramento Police Department has been working on a project to design, develop and implement the next generation (NextGen) of Mobile Data Computer (MDC) and In-Car-Camera (ICC) systems for all Patrol and specialty vehicles. The MDC systems are rugged computer systems designed to operate and run in a mobile vehicle environment using wireless communication. These systems must tolerate wide temperature ranges, extreme vibration and shock, and must be reliable and easy to repair. Police officers use MDCs to communicate in the field and to access critical law enforcement computer data from sources like the Department of Justice, Cal-Photo, mapping systems and new web-based criminal justice applications. The ICC systems are used to capture critical video and audio from the patrol vehicles which are crucial for evidence gathering, increasing officer accountability, refuting false allegations against officers, city involved traffic collision investigations, DUI investigations and evidence of traffic violations which increases the number of successful prosecutions.

The Sacramento Police Department's MDCs are old, no longer in production, and no longer covered under warranty. Law enforcement agencies typically replace MDC equipment every three to five years. The Police Department's MDCs have been in operation for ten years and are in need of replacement. Current estimates for MDC repairs necessary for system operability exceed \$100,000 per year. Through the implementation of this project, the Department will be able to dramatically improve system performance, reliability, speed, and accessibility to critical police data, which will enhance officer safety and efficiency through improved communication, integration, and collaboration. In addition to the technology gains in speed and reliability, the Department will experience an operational savings in the system repair costs and labor costs associated with maintaining outdated equipment.

There is also an immediate need to transition from the aging and unreliable VHS tape based ICC recording system to a Digital Video Recording (DVR) system in the Patrol vehicles. The current VHS systems are outdated, no longer under warranty, not repairable and many times failing to capture video.

In order to find the best MDC and ICC solution possible, multiple MDC systems, ICC systems and interior mounting consoles were researched. Prototypes were designed for officer testing and evaluation for the most effective model and vehicle layout options. The results of the research, design, and testing determined that Panasonic provided the best overall solution for the business and operational needs of the Sacramento Police Department.

A major network infrastructure refresh and upgrade was undertaken over one year ago to lay the groundwork for the NextGen MDC/ICC project. The Police Department network equipment in many cases was over eight years old and would not support the data requirements to sustain a modern In-Car Digital Video System. The high demands of digital video being transferred across the Police network from the substations required design changes and upgrades to the aging network equipment. Over the last

year, money from a Justice Assistance Grant (JAG) has been used to replace outdated network equipment, add wireless hot spots to all police sub-stations which handle the offloading of Digital video from the Patrol vehicles and to install fiber optic connectivity to the Kinney and Rooney Police substations required for sending the video back to the main storage facility. There are many benefits for rebuilding of the network infrastructure which include much faster network speeds to the sub-stations, reliable network equipment and most importantly making it possible for the implementation of the NextGen MDC/ICC solution.

The funding for the NextGen MDC/ICC project is being pulled from a number of different sources. The initial network upgrade was accomplished through funding from a Justice Assistance Grant (JAG Recovery). The cost of the NextGen Mobile Data Computer and Digital In-Car-Camera systems is being funded through two additional JAG grants (JAG 2009 and JAG 2010), Police asset forfeiture money and funding from Externally Funded Programs (EFP).

Now that the majority of the network upgrade project is completed, the Sacramento Police Department is positioned to move forward with the installation of the new MDC and ICC systems in the vehicles. In September 2011, the Sacramento Police Department issued a competitive bid request for the purchase of the Mobile Data Computer and Digital In-Car-Camera equipment, software, installation services and training for the NextGen solution. The bid closed on October 19, 2011 and Lehr Auto was announced as the low bid to provide the equipment, software and installation services. Subsequently, changes were negotiated with Lehr Auto to drop a mounting bracket, replace a wiring harness with a better solution for approximately the same cost as the original bid, and renegotiate the optional extended warranties, resulting in a lower overall bid by approximately \$425,000. In the best interest of the City, it is recommended that competitive bidding be suspended and a contract awarded to Lehr Auto.



## **RESOLUTION NO.**

Adopted by the Sacramento City Council

### **NextGen - Mobile Data Computers with In-Car Video Systems**

#### **BACKGROUND**

- A. The Sacramento Police Department's current Mobile Data Computer (MDC) and In-Car-Camera (ICC) systems installed in patrol and specialty unit vehicles are in need of replacement due to age, replacement and warranty issues. Through the implementation of this project, the Department will be able to dramatically improve system performance, reliability, speed and accessibility to critical police data.
- B. The NextGen project will be primarily funded out of previously approved Justice Assistance Grants (JAG) (Resolutions: 2009-370, 2009-549, 2010-272) and Asset Forfeiture funding (Resolution: 2011-287).
- C. Additional funding authority in the amount of \$1.45 million is recommended for the NextGen project from available Externally Funded Program (EFP) balances. The EFP balances are from prior year overhead reimbursements. Of the \$1.45 million, approximately \$418,000 requires additional authority to increase revenue and expense budgets (E11000500 Cal-ID LiveScan: \$276,222 and E11004400 Regional Transit: \$142,545).
- D. Based on prototype testing and evaluation, the MDC/ICC solution selected is felt to be the most effect replacement option under consideration. Through a formal bid and selection process, staff and the project committee determined Lehr Auto as the lowest bid for the purchase of equipment, installation, warranty and training. Subsequent changes in the bid, due to the dropping of a mounting bracket, replacement of a wiring harness, and renegotiation of extended warranties, resulted in a lower overall cost by approximately \$425,000. According to City procurement policies the change in bid terms and bid amount would require issuing a new request for bids. Due to the critical nature of this project the SPD recommends City Council reject all bids, suspend any further competitive bidding and award the contract to Lehr Auto in an amount not to exceed \$3,887,183.19.

#### **BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

- Section 1. The City Manager, or the City Manager's designee, is authorized to reject all bids submitted under Bid No. B121381001 (Mobile Data Computers with In Car Video Systems).

- Section 2. The City Manager, or the City Manager's designee, is authorized to suspend further competitive bidding ,in the best interest of the City, for Mobile Date Computers with In Car Video Systems.
- Section 3. The City Manager, or the City Manager's designee, is authorized to award a contract to Lehr Auto for the purchase of Mobile Data Computers (MDC) and Digital In-Car Camera (ICC) systems for all Police patrol and specialty units in an amount not to exceed \$3,887,183.19.
- Section 4. The City Manager, or the City Manager's designee, is authorized to establish a Multi-Year Operating Project (MYOP) for the NextGen project (I11000100).
- Section 5. The City Manager, or the City Manager's designee, is authorized to increase the appropriate revenue and expense budgets in the Cal-ID Live Scan (E11000500) project in an amount not to exceed \$276, 222 and in the Regional Transit (E11004400) project in an amount not to exceed \$142,545.
- Section 6. The City Manager, or the City Manager's designee, is authorized to increase the appropriate Police Department operating budget reimbursements in an amount not to exceed \$1.45 million (General Fund – 1001).
- Section 7. The City Manager, or the City Manager's designee, is authorized to increase the appropriate expense budgets in the NextGen project (I11000100) in an amount not to exceed \$1.45 million (General Fund – 1001).



## Bid Results - Bid #B121381001

### Mobile Data Computers with In-Car Video Systems

	1	2	3	4	5
<b>Bidders</b>	Lehr Auto	N/A	N/A	N/A	N/A
<b>Total Bid Evaluation</b>	\$ 4,312,812.65	N/A	N/A	N/A	N/A

**Best and Final Offer**      \$ 3,887,183.19

**Award Contract To:**      Lehr Auto  
 4707 Northgate Blvd.  
 Sacramento, CA 95834

Number of Bids received:                    1  
 Number of "No Bid" responses:            0  
 Number of ESBE firms solicited:        Open Bid  
 Number of ESBE responses:                1