

CITY OF OAKLAND

AGENDA REPORT

OFFICE OF THE CITY CLERK
CITY OF OAKLAND

2006 MAY 11 PM 6:24

TO: Office of the City Administrator
ATTN: Deborah A. Edgerly
FROM: Police Department and Finance and Management Agency
DATE: May 23, 2006

RE: A Report on In-Car Video Management Systems and Two (2) Proposed Resolutions Authorizing the City Administrator, or Her Designee, to

1) Negotiate, Amend, And Execute a Contract Between the City of Oakland and Digital Patroller to Install and Maintain, for a Period of Three Years, an In-Car Video Management System (ICVMS) in Approximately Eighty (80) Police Department Vehicles, Construct a Video Network, and Install Security Equipment to Support Secure Video Transmission, For an Amount Not To Exceed One Million Seven Hundred Thousand Dollars (\$1,700,000); and

2) Provide Appropriations to the Oakland Police Department in an Amount Not To Exceed Nine Hundred Seventy-Three Thousand Three Hundred Thirty-Six Dollars (\$973,336), to Assist in the Implementation of the In-Car Video Management System (ICVMS), Negotiate and Execute Separate Additional Vendor Service Agreements for Sustained Annual Costs Without Returning to Council, and Hire One Full-Time Police Services Technician to Manage and Operate the ICVMS

SUMMARY

The Oakland Police Department seeks to implement an In-Car Video Management System (ICVMS) that will provide visual evidence of public interaction and incidents that occur while officers are on patrol throughout the City. Staff has prepared two resolutions, which authorizes the City Administrator, on behalf of the City of Oakland to execute a contract between the City of Oakland and Digital Patroller to supply and install an In-Car Video Management System (ICVMS) into approximately 80 Oakland Police Department patrol vehicles; construct a video network, and install security equipment to support the secure video transmission. The second resolution provides appropriations to the Oakland Police Department in the amount of \$973,336 to assist in fully implementing the ICVMS, negotiate and execute separate additional vendor service agreements for sustained annual costs, and hire one full-time Police Services Technician to manage and operate the ICVMS.

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FISCAL IMPACT

The total cost to fully implement the ICVMS is \$1,972,000. The following table is an itemized analysis of contracted services that will be provided by Digital Patroller at a cost of \$1,700,000, for approximately 80 police vehicles, over a three-year period.

Item	Cost(\$)	Description
Digital Patroller Equipment	\$790,000	The total contract amount of the In-Car Video Management System (ICVMS) from Digital Patroller which includes the 80 patrol car cameras, components, installation, computer equipment, storage, software, database and three year maintenance and support agreement.
Video Network Cabling Construction	\$100,000	The total amount required to build the video network cabling infrastructure for video upload access points. This includes cabling materials, engineering, permits, trenching, equipment, and labor at the Police Administration Building, Eastmont Precinct, and Municipal Service Center/911 Center. Currently, there are no video access points at any OPD facility to upload video from the patrol vehicles.
Video Network and Security Equipment	\$810,000	The total amount required to install a secure, reliable, high performance and scaleable video network that will support OPD's needs for today and into the future. This cost includes the state-of-the art video network and security equipment, software components, and installation.
Total	\$1,700,000	

In March of this year, the Office of the City Administrator identified \$900,000 in funds from accrued interest on the Equipment Master Lease-Purchase Agreement; an additional \$98,664, awarded from the U.S. Department of Justice, Office of Community Oriented Policing Services

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(COPS) 2005 Technology Grant Program, is also earmarked for use on this project, in Federal Grant Fund: 2112, Bureau of Field Operations Organization: 105310, Project: G285310 (Resolution number 79376 C.M.S.). The total amount of funds currently available for the ICVMS is \$998,664. As mentioned above, the amount of funding required for the contract with Digital Patroller is \$1,700,000; a difference of \$701,336. Additional funding associated with the effective implementation of the ICVMS includes \$272,000 for sustained annual costs, and staffing of one full-time Police Services Technician to operate and manage the system.

The \$973,336 in appropriations will be applied toward the contract with DP Technologies (\$701,336) and sustained annual costs which include one full-time Police Services Technician (\$272,000).

Item	Cost(\$)	Description
Police Services Technician	\$77,000	The annual cost for a Police Services Technician II (PST II) to administer and support the ICVMS program (with salary and benefits).
Telecommunication charges	\$120,000	The annual cost for dedicated AT&T/SBC telecommunication lines to support the large amount of video data uploads from remote locations.
Maintenance and Support	\$75,000	The annual costs associated for ongoing maintenance and support for the ICVMS network and security components.
Total	\$272,000	

Digital Patroller Contract	\$1,700,000
Sustained Annual Costs/PST	<u>+ 272,000</u>
Total Cost of Project	1,972,000
Available Funds	<u>- 998,664</u>
Funds Needed	\$973,336

BACKGROUND

Task 32 of the Negotiated Settlement Agreement directs staff to explore the possibility of implementing an ICVMS. In 2004, the Public Safety Committee directed staff to implement a demonstration project (June – September 2004) whereby vendors installed cameras in six police vehicles for a 95-day period at no cost to the City. During this period, 74 officers used the

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camera-equipped vehicles. Prior to the start of the demonstration project, 15 of the 74 officers (20%) received a total of 18 Internal Affairs complaints. During the demonstration period, none of the officers received complaints while using the camera-equipped vehicle; however, during the demonstration period, 15 of the 74 officers who were not driving camera-equipped vehicles received a total of 15 complaints.

As a result of a successful demonstration period, City Council directed staff to pursue the permanent installation of an ICVMS (November 2004). After an extensive Request for Proposal process which included site visits, demonstrations, and reference checks, the ICVMS Steering Committee selected Digital Patroller as the preferred vendor for this project. The ICVMS Steering Committee, comprised of staff representing the Oakland Police Department, City Administrator's Office, and the Finance and Management Agency's Information Technology Division, rated each vendor on the following criteria and selected Digital Patroller based on the highest score:

1. Contract Compliance
2. Functional & Operational Features
3. Technical Components
4. Reference Checks/Site Visits
5. Years of ICVMS Experience
6. Number of Digital Units Installed
7. Customer Support

Digital Patroller, also known as DP Technologies, is one of the companies that provided the equipment used in the demonstration project, and has extensive experience with in-car camera technology. Additionally, DP will work with local businesses and contractors to successfully implement this project.

KEY ISSUES AND IMPACT

In-Car Video Management Systems provide a tool for reducing the number of police misconduct allegations by offering evidence of complaints and encouraging professional conduct. As stated in the *Police Quarterly* "The promise of ICV technology cannot be ignored. Video technology could deter abuses by officers, limit frivolous complaints against officers about alleged abuses, and help restore confidence in the fairness of police departments. It could also provide evidence of crimes or attacks against officers, streamline the truth-finding process by providing the best evidence, and encourage the humane treatment of suspects, and respect for civil rights and liberties. In short, ICV systems have the potential to add a layer of accountability and trust between the police and the public." (Vol.5, No.1, March 2002)

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Additionally, ICVMS can be a valuable training tool for improving officer safety tactics for rookie and veteran police officers.

As reported to the Public Safety Committee in January and April 2004, staffing of the ICVMS is a major concern. The funding that is currently available does not cover the cost of one full-time Police Services Technician to manage the ICVMS. Just as there are requests to listen to and copy Communications Division audio tapes of radio traffic and 9-1-1 calls, it is anticipated that there will be similar requests and subpoenas to view and copy in-car video recordings. During the research period, it was determined that agencies without a designated employee to manage the ICVMS system could not adequately maintain or respond to requests for copied videos. Some agencies delegated responsibility to varying units throughout the organization but found that there was no control over the entire system. Consequently, the most effective way to maintain control of the system, and effectively provide reproduction services (an integral part of the system), is to designate a minimum of one full-time staff member to manage the ICVMS.

PROJECT DESCRIPTION

ICVMS is a tool for providing an objective record of interactions with the community and offers protection for both police officers and citizens.

There are three primary elements associated with the In-Car Video Management System that allow for the capture, transfer and storage of video imagery:

- **In-Car Data Capture System** is the actual digital video recorder, unobtrusively mounted inside the vehicle, consisting of a high quality 18x optical zoom color camera, an LCD Monitor/Control Panel user interface, and wireless microphone. The camera and monitor are mounted near the headliner of the vehicle, where data is routed to the heart of the system. The DigitalPatroller® unit itself is small enough to be mounted under the dash, between the seats, or in the trunk of the vehicle. The unit stores all information as digital computer files on hard drives instead of on tape. DigitalPatroller® essentially operates in the background. An officer can completely ignore the system if he or she so chooses and it will operate normally and effectively throughout their shift. The system can store up to 40 hours of full resolution video before its files need to be uploaded into permanent storage. The system records the standard items: video, audio, date/time, vehicle ID, and radar, and offers GPS capability.
- **Data Transfer System** is a fully automated means of transferring the captured video files to a server located at a designated area of the agency. Officers and supervisors never handle the data files. At the end of a typical shift, there is nothing to do but plug in the data transfer cable located at the rear of the car and verify that DigitalPatroller® uploaded the files and reset itself for normal operation.

- **Data Storage & Retrieval System** is basically a computer workstation that features powerful data management tools to efficiently manage files. It keeps the database organized and can instantly search using multiple criteria. DPPlayer® software plays back files along with all of the additional data streams (GPS location data, date and time, radar information, and officer and unit IDs). Digital Investigator allows one to enlarge and sharpen scenes without altering the original file, and the video transfer function allows one to effortlessly transfer a file to videotape, CD-ROM, or DVD with or without overlays of any combination of the additional data streams.

SUSTAINABLE OPPORTUNITIES

Economic

The greatest economy of savings is recognized in the potential for a significant reduction in liability claims and payouts.

Environmental

There are no environmental opportunities identified in this report.

Social Equity


Use of an ICVMS could dramatically reduce the number of lawsuits filed against the Police Department and the City. The system could provide strong evidence that officers interacted appropriately with citizens by documenting evidence of confrontations. A major realization noted by agencies that use this system is that officers and citizens both appear to behave more appropriately when they know they are being recorded.

DISABILITY AND SENIOR CITIZEN ACCESS

There are no disability or senior citizen access related issues with this report.

RECOMMENDATION

Staff recommends acceptance of this report, and approval of two resolutions authorizing the City Administrator to negotiate, amend, and execute a contract between the City of Oakland and Digital Patroller to install and maintain an In-Car Video Management System in Police Department vehicles for the amount of \$1,700,000; and provide appropriations in the amount of \$973,336 to the Oakland Police Department, to assist in the full implementation of the ICVMS, negotiate and execute separate vendor service agreements for sustained annual costs without returning to Council, and hire one full-time Police Services Technician to operate and maintain the ICVMS.



William Noland
Director, Finance & Management

Respectfully submitted,



Wayne G. Tucker
Chief of Police

Prepared by:
Capt. Cyril Vierra,
Neighborhood Services Division
Bureau of Field Operations

APPROVED AND FORWARDED TO
THE PUBLIC SAFETY COMMITTEE:



Office of the City Administrator

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OAKLAND CITY COUNCIL

Approved as to Form and Legality

Roe V. Dierra
City Attorney

RESOLUTION No. _____ C.M.S.

Introduced by Councilmember _____

RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, ON BEHALF OF THE CITY OF OAKLAND, TO PROVIDE APPROPRIATIONS TO THE OAKLAND POLICE DEPARTMENT IN AN AMOUNT NOT TO EXCEED NINE HUNDRED SEVENTY-THREE THOUSAND THREE HUNDRED THIRTY-SIX DOLLARS (\$973,336) TO ASSIST IN THE IMPLEMENTATION OF THE IN-CAR VIDEO MANAGEMENT SYSTEM, NEGOTIATE AND EXECUTE SEPARATE ADDITIONAL VENDOR SERVICE AGREEMENTS FOR SUSTAINED ANNUAL COSTS WITHOUT RETURNING TO COUNCIL, AND HIRE ONE FULL-TIME POLICE SERVICES TECHNICIAN TO MANAGE AND OPERATE THE ICVMS

WHEREAS, the Oakland Police Department seeks to implement an in-car video recording system that will provide visual evidence of incidents and public interaction that occur while officers are on patrol throughout the City, and

WHEREAS, task 32 of the Negotiated Settlement Agreement directs staff to explore the possibility of implementing an in-car video recording system, and the Independent Monitoring Team strongly recommends the installation of an in-car video recording system; and

WHEREAS, \$900,000 in funds from accrued interest on the Equipment Master Lease-Purchase Agreement identified by the Office of the City Administrator, and \$98,664, awarded from the Department of Justice, Office of Community Oriented Policing Services (COPS), 2005 Technology Grant, in Fund: 2112, Bureau of Field Operations Organization: 105310, Project: G285310 (Resolution number 79379 C.M.S.), are available for use on ICVMS project; and

WHEREAS, an additional \$973,336 is needed to assist in the full implementation of the ICVMS project, fund one full-time position for staff to manage the ICVMS, and execute service agreements with separate vendors for sustained annual costs; now, therefore be it

RESOLVED: That the City Council does hereby authorize the City Administrator or her designee to provide appropriations in an amount not to exceed \$973,336 to the Oakland Police Department Fund: 1010, Bureau of Field Operations Organization: 105310, Project: to be determined, to assist in the full implementation of the In-Car Video Management System, fund one full-time position (Police Services Technician) for staff to manage the ICVMS, and negotiate and execute separate additional vendor service agreements for sustained annual costs, without returning to City Council.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20_____

PASSED BY THE FOLLOWING VOTE:

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

NOES-

ABSENT-

ABSTENTION-

ATTEST: _____

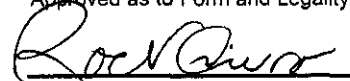
LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California

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OAKLAND CITY COUNCIL

Approved as to Form and Legality


City Attorney

RESOLUTION No. _____ C.M.S.

Introduced by Councilmember _____

A RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, ON BEHALF OF THE CITY OF OAKLAND TO NEGOTIATE, AMEND, AND EXECUTE A CONTRACT BETWEEN THE CITY OF OAKLAND AND DIGITAL PATROLLER TO INSTALL AND MAINTAIN, FOR A PERIOD OF THREE YEARS, AN IN-CAR VIDEO MANAGEMENT SYSTEM (ICVMS) IN APPROXIMATELY EIGHTY (80) POLICE DEPARTMENT VEHICLES, AND CONSTRUCT A VIDEO NETWORK AND INSTALL SECURITY EQUIPMENT TO SUPPORT SECURE VIDEO TRANSMISSION FOR AN AMOUNT NOT TO EXCEED ONE MILLION SEVEN HUNDRED THOUSAND DOLLARS (\$1,700,000)

WHEREAS, the Oakland Police Department seeks to implement an in-car video recording system that will provide visual evidence of incidents and public interaction that occur while officers are on patrol throughout the City, and

WHEREAS, task 32 of the Negotiated Settlement Agreement directs staff to explore the possibility of implementing an in-car video recording system, and the Independent Monitoring Team strongly recommends the installation of an in-car video recording system; and

WHEREAS, in 2004, a demonstration project was conducted to test the effectiveness of an in-car video recording system by installing cameras in six patrol vehicles which were used by 74 officers over a 95-day period; and

WHEREAS, prior to the start of the demonstration project, 15 of the 74 officers (20%) received a total of 18 Internal Affairs complaints; and during the demonstration period, none of the officers received complaints while using the camera-equipped vehicles; however, during the demonstration period, 15 of the 74 officers received a total of 15 complaints while driving vehicles that *were not* equipped with an in-car video camera; and

WHEREAS, the Office of the City Administrator has identified \$900,000 in funds from accrued interest on the Equipment Service Master Lease-Purchase Agreement; an additional \$98,664, awarded from the Department of Justice Office, Community Oriented Policing Services (DOJ/COPS) 2005 Technology Grant, is available from Fund: 2112, Bureau of Field Operations, Organization: 105310, Project: G285310, and earmarked for use on the ICVMS; and

WHEREAS, a Request for Proposals process was conducted, and Digital Patroller was selected as the vendor for the ICVMS contract after receiving the highest scores, based on set criteria, from the ICVMS Steering Committee; now, therefore be it

RESOLVED: That the City Council does hereby authorize the City Administrator or her designee to negotiate, amend, and execute a contract between the City of Oakland and Digital Patroller to install and maintain for a period of three years, an In-Car Video Management System in approximately 80 police vehicles, and construct a video network, and install security equipment to support secure video transmission for an amount not to exceed \$1,700,000; and be it

FURTHER RESOLVED: That the City Council does hereby authorize the City Administrator or her designee to move \$900,000 in funds from accrued interest on the Equipment Master Lease-Purchase Agreement to Oakland Police Department General Fund:1010, Bureau of Field Operations Organization: 105310, Account: 57714, Project: to be determined; and be it

FURTHER RESOLVED: That the City Council hereby appoints the City Administrator as agent of the City to complete all required negotiations, certifications, assurances and documentation required to accept, modify, extend and/or amend the contract.

IN COUNCIL, OAKLAND, CALIFORNIA, _____, 20_____

PASSED BY THE FOLLOWING VOTE:

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

NOES-

ABSENT-

ABSTENTION-

ATTEST: _____

LaTonda Simmons
City Clerk and Clerk of the Council
of the City of Oakland, California