

**CITY OF OAKLAND** FILED  
*AGENDA REPORT* OFFICE OF THE CITY CLERK  
OAKLAND

2004 JUL -1 PM 2: 08

**TO:** Office of the City Administrator  
**ATTN:** Deborah Edgerly  
**FROM:** Police Department  
**DATE:** July 13, 2004

**RE: A Report and Proposed Resolution Authorizing the City Administrator, or Her Designee, to Execute a Purchase Order with Oakland Computer Company for Two Hundred Fifty (250) Hardware Upgrade Kits for Police Patrol Vehicle Mobile Data Computers (MDC), in an Amount Not to Exceed One Hundred Seventy-Five Thousand Dollars (\$175,000)**

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**SUMMARY**

The Police Department seeks authorization to purchase two hundred fifty (250) hardware upgrade kits from Oakland Computer Company to enhance the Mobile Data Computers (MDC) in the police patrol vehicles in an amount not to exceed \$175,000. The proposed upgrades will replace the existing internal components with new components to provide the upgraded functionality needed to operate the latest software being installed in the Department's Integrated Public Safety System (IPSS).

**FISCAL IMPACTS**

The proposed resolution authorizes the purchase of 250 hardware upgrade kits for the MDCs installed in police patrol vehicles. The \$175,000 price also covers the cost of a three-year warranty, applicable taxes, and all shipping costs. Prior to the end of the warranty period, staff will seek out available grant funds to cover additional upgrades or replacement hardware.

The Department of Justice, Office of Community Oriented Policing Services has approved the Police Department's use of COPS More '98 funds, contained in Fund: 2112, Organization No. 103110, Account No. 54919, Project No. H95320, Program: PS, to purchase the upgrade kits.

**BACKGROUND**

Four years ago the Oakland Police Department Technology Unit (TU) replaced all the outdated laptops in the patrol cars with new state-of-the-art Mobile Data Computers (MDC) using federal grant money from the 1998 Local Law Enforcement Block Grant (LLEBG) (Resolution No. 74771 C.M.S.). As technology has changed and improved, the Oakland Police Department (OPD) has made software upgrades on the MDCs to enhance their compatibility with wireless communication software and to improve system security, reliability and stability.

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Though new MDCs do not need to be purchased, their current internal components have passed their three year life expectancy. To provide the enhanced speed and functionality needed for future software changes and for connection to the IPSS, installation of the hardware kits is required.

The City of Oakland is currently installing an Integrated Public Safety System (IPSS) which includes a Computer Aided Dispatch (CAD) component for the Police and Fire Departments, a Law Record Management System (LRMS), a Fire Records Management System (FRMS), a Corrections (Jail) Management System (CMS), and a Field Base Reporting System (FBR).

The IPSS system, being installed by Motorola Corp., will provide officers in the field with greater access to dispatch and records information and permit field officers to access additional criminal statistical data and create electronic field-based reports. The software upgrades to the individual MDC units and the server will strain the performance of the current system performance by decreasing the operational efficiency of the Central Processing Unit (CPU). To prevent the degradation of processing speed, the MDCs must be upgraded with the proposed robust current state-of-the-art MDC hardware components.

### KEY ISSUES AND IMPACTS

The MDC upgrade is necessary to run the new IPSS system software. As part of the Integrated Public Safety System (IPSS) Project, OPD plans to upgrade the MDC server and client applications to the newest version of VisionTEK software. This upgrade will improve officer access to information through a fully-integrated automated law enforcement computer system. Motorola has been contracted to provide the system that will automate and interface the following modules: Computer Aided Dispatch (CAD), Record Management System (LRMS), Corrections Management System (CMS), and Field Reporting System (FBR).

OPD solicited price quotes, including tax and shipping costs, for the MDC hardware kits from three qualified local vendors:

Vendor	Address	Warranty	Quotes
Oakland Computer Company	478 7 <sup>th</sup> St. Oakland, CA 94591	3 years	\$173,819.38
PC Professional	1615 Webster Street Oakland, CA 94612	3 years	\$182,965.63
Advanced Technology	P.O. Box 221 Richmond, CA 94808	3 years	\$183,012.97

Personnel from the OPD Technology Unit will install, maintain, and support the MDC hardware upgrade. The upgrade includes changing the current AMD 400 MHz processor package to a Pentium 1.2 GHz processor package.

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**SUSTAINABLE OPPORTUNITIES**

**Economic** - MDC hardware upgrade kits will be purchased through the City's standard purchasing process.

**Environmental** – There are no environmental opportunities associated with this report.

**Social Equity** – Field access to the information sources that will be enabled by the new hardware kits will enhance OPD's crime reduction and prevention capabilities.

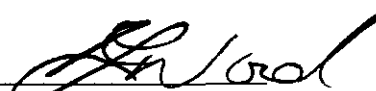
**DISABILITY AND SENIOR CITIZEN ACCESS**

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

**RECOMMENDATION**

The Police Department requests approval of the resolution authorizing the City Administrator or her designee to execute a purchase order with Oakland Computer Company for 250 MDC upgrade kits, in an amount not to exceed \$175,000, and to appropriate said funds from the COPS More '98 Grant award.

Respectfully submitted,

  
Richard L. Word  
Chief of Police

Prepared by: Hector Aguilar  
Micro Computer System Specialist  
Technology Unit, Admin & Tech Services Division  
Bureau of Services

APPROVED FOR FORWARDING TO  
THE PUBLIC SAFETY COMMITTEE:

  
Office of the City Administrator

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# OAKLAND CITY COUNCIL

Office of the City Attorney  
Office of the City Clerk  
City Attorney  
City Clerk

RESOLUTION No. \_\_\_\_\_

C.M.S.  
2004 JUL -1 PM 2:08

**RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR, OR HER DESIGNEE, TO EXECUTE A PURCHASE ORDER WITH OAKLAND COMPUTER COMPANY FOR TWO HUNDRED FIFTY (250) HARDWARE UPGRADE KITS FOR POLICE PATROL VEHICLE MOBILE DATA COMPUTERS (MDC) IN AN AMOUNT NOT TO EXCEED ONE HUNDRED SEVENTY-FIVE THOUSAND DOLLARS (\$175,000)**

**WHEREAS**, in October 1998 the City of Oakland was awarded a United States Department of Justice, Bureau of Justice Assistance Local Law Enforcement Block Grant (LLEBG); and

**WHEREAS**, the City Council adopted Resolution No. 74771 C.M.S. authorizing and accepting the grant monies, which included funds to purchase Mobile Date Computers (MDC) to replace the outdated laptop computers in police patrol vehicles; and

**WHEREAS**, the internal hardware components for said Mobile Data Computers have reached the end of their normal life expectancy and need to be replaced; and

**WHEREAS**, the United States Department of Justice, Office of Community Oriented Policing Services (COPS) has approved the Police Department's request to use \$175,000 in COPS More '98 grant funds to purchase 250 MDC hardware upgrade kits, including customization, wiring, and service warranty; and

**WHEREAS**, Police Department staff issued a Request for Information to several local computer hardware vendors; and

**WHEREAS**, the responses and price quotations received were reviewed and evaluated by staff from OPD and the Finance & Management Agency's Office of Information Technology; and

**WHEREAS**, the recommendation was to select the Oakland Computer Company, located at 478 - 7<sup>th</sup> Street, the lowest bidder, to provide the required hardware replacement kits; now, therefore be it

**RESOLVED:** That the City hereby finds and determines that pursuant to Chapter 2.04, Article I, Section 2.04.050.I.5, it is in the best interests of the City to waive bidding requirements of 2.04.050 and authorize the competitive process undertaken by staff, and be it

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**FURTHER RESOLVED:** That the City Council hereby authorizes the City Administrator, or her designee, to execute a Purchase Order for two hundred fifty (250) hardware upgrade kits for police patrol vehicle Mobile Data Computers (MDC), in an amount not to exceed one hundred seventy-five thousand dollars (\$175,000); and be it

**FURTHER RESOLVED:** That funds are available from COPS More '98 grant monies, located in Fund: 2112, in Organization No. 103110, Account No. 54919, in Project No. H95320, to purchase the 250 Mobile Data Computer (MDC) hardware upgrade kits; and be it

**FURTHER RESOLVED:** That the City Administrator, or her designee, is hereby authorized to take whatever action is necessary with respect to the agreement consistent with this resolution and its basic purpose; and be it

**FURTHER RESOLVED:** That the contract shall be reviewed and approved by the Office of the City Attorney as to form and legality prior to execution and a copy shall be placed on file with the City Clerk.

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

**PASSED BY THE FOLLOWING VOTE:**

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

NOES-

ABSENT-

ABSTENTION-

ATTEST: \_\_\_\_\_

CEDA FLOYD  
City Clerk and Clerk of the Council  
of the City of Oakland, California

**PUBLIC SAFETY CMTE.**

**JUL 13 2004**