



CITY OF LONG BEACH

C-29

DEPARTMENT OF TECHNOLOGY SERVICES

333 WEST OCEAN BOULEVARD • LONG BEACH, CA 90802 • (562) 570-6455 • FAX (562) 570-5270

March 20, 2007

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Authorize the City Manager to execute agreements, amendments to extend the term, and all related documents with Sprint/Nextel and Verizon, to provide cellular broadband services in an aggregated amount not to exceed \$382,000 per year for one year; and increase appropriations in the General Services Fund (IS 385) and in the Department of Technology Services by \$250,000. (Citywide)

DISCUSSION

The Technology Services Department is responsible for administering cellular broadband service for City departments' mobile workforce. Currently, the City uses cellular broadband service, primarily for building inspectors to access data while in the field. Other City departments with similar requirements are beginning to benefit from the use of this technology. At this time, Technology Services supports approximately 150 cellular data modems and the City's use of cellular data technology continues to grow with the improvement of bandwidth capabilities.

The Long Beach Police Department is planning to use cellular broadband service which would allow officers the ability to process reports in the field, research computerized records, and retrieve investigative database information (e.g., photographs) and other City related applications. Currently, the Department uses the City's radio communications infrastructure, which does not provide the capacity to perform these functions while in the field given the upgraded computer-aided dispatch/records management system requirements.

In 2006, the Police Department upgraded their mobile data computers to Panasonic Toughbook computers with the goal of moving more of the officers' work tasks into the field. To this end, on January 9, 2007, the City Council approved the Police Department's request to purchase modems and connectivity software in support of implementing cellular broadband technology. (Attached)

Based on this approval, Technology Services initiated a Request for Proposal process for cellular broadband services under the authority of Section 1807 of the City Charter. Responses were received from Verizon and Sprint/Nextel. City staff from Technology Services and the Police Department evaluated both proposals based on several factors including network coverage area and service cost. Upon completion of the evaluation, it was determined that both providers meet the City's operational and customer service requirements at comparable costs.

HONORABLE MAYOR AND CITY COUNCIL
March 20, 2007
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This matter was reviewed by Deputy City Attorney Gary J. Anderson on March 12, 2007 and Budget and Performance Management Bureau Manager David Wodynski on March 12, 2007.

TIMING CONSIDERATIONS

City Council action on this matter is requested on March 20, 2007, in order to implement this new technology as soon as possible.

FISCAL IMPACT

Annual contract costs to provide broadband services Citywide are estimated at \$382,000, including existing cellular broadband use. Of that amount, \$250,000 was appropriated in the General Fund (GP) and in the Police Department (PD) on January 9, 2007 to support eventual charges from the Department of Technology Services for this requested service. To reflect this expense in Technology Services, an appropriations increase is included in the recommendation for the General Services Fund (IS 385) and in the Department of Technology Services (TS) of \$250,000, to be offset by revenue from charges to the Police Department.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



CURTIS TANI
DIRECTOR OF TECHNOLOGY SERVICES

CT:jf
Attachment

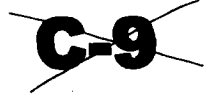
APPROVED:


GERALD R. MILLER
CITY MANAGER



CITY OF LONG BEACH

DEPARTMENT OF FINANCIAL MANAGEMENT



333 West Ocean Boulevard 6th Floor • Long Beach, CA 90802 • (562) 570-6845 • Fax (562) 570-5836

January 9, 2007

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Authorize the City Manager to amend Contract No. 29257 with GTSI Corporation, aka Government Technology Services, Inc. (GTSI), to allow for the purchase of modems and connectivity software for the Police Department mobile data computer system for an additional amount of \$400,000; increase appropriations in the General Fund and the Police Department by \$650,000; and decrease appropriations in the General Fund and the Citywide Activities Department by \$650,000. (Citywide)

DISCUSSION

Field police officers use computers for various tasks. These include report writing, research of computerized records, and retrieval of investigative database information and photographs. Currently, all of these functions must be performed at a Police Department facility because the mobile data computers in police vehicles lack adequate connectivity to the City network.

On August 2, 2005, City Council approved a contract with GTSI, to upgrade the Police Department's mobile computer system according to the terms and conditions afforded Fairfax County, Virginia, on behalf of U.S. Communities Government Purchasing Alliance. The U.S. Communities Government Purchasing Alliance has established a national structure for local government agencies to make use of their collective purchasing power to competitively solicit government contracts meeting government agencies' piggyback requirements.

The Police Department spent \$2.9 million to upgrade their mobile data computer system in 2006 to Panasonic Toughbook computers with the ultimate goal of moving more of the officers work tasks into the field. The Toughbook provides a modern, full function computer, capable of much more than the previous mobile data system. Currently, the system is connected to the City network by use of an outdated vehicle radio modem that is not optimal for the large volume information transfer described.

As an enhancement to the existing system, the Police Department has conducted testing of vehicle computer modems, connectivity software and cellular providers to determine the best way to bring high-speed data connections to their mobile computers. The items necessary to complete this upgrade are available under the original contract from the original vendor of the Toughbook project, GTSI.

The proposed purchase will greatly enhance the functionality of the existing system and allow patrol officers to remain in the field longer without the necessity to return to the Police station for routine computer processes and increase their safety by allowing them immediate access to information about the subjects they contact.

This matter was reviewed by Deputy City Attorney Lori A. Conway and Budget Management Officer David Wodynski on December 11, 2006.

TIMING CONSIDERATIONS

City Council action is requested on January 9, 2007 to ensure coordinated implementation with a computer software upgrade. This will allow the new equipment to be installed along with other operations and reduce the time vehicles will be out of service.

FISCAL IMPACT

The total one-time purchase of the required modems and other hardware, including accrued use tax, will not exceed \$400,000. In addition, it is estimated that the Police Department will require monthly services from a cellular provider to provide the new data transmission network. These services, which represent an ongoing structural expense for the Police Department, will cost approximately \$250,000 per year.

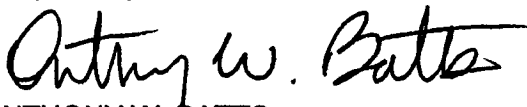
One-time funding was earmarked in the FY 07 Adopted Budget in the General Fund (GP) and the Citywide Activities Department (XC) to procure additional radio bandwidth for the Police Department. The change from radio transmission to cellular transmission makes the additional radio bandwidth procurement unnecessary, allowing this one-time resource to support both the purchase of the modems as well as the required cellular services for FY 07. A structural budget enhancement will be requested by the Police Department for future cellular service as part of the FY 08 Proposed Budget.

To reflect the new General Fund expense and offset, an appropriations increase in the General Fund (GP) and the Police Department (PD) of \$650,000, an offsetting decrease in the General Fund (GP) Citywide Activities Department (XC) of \$650,000 is included in the recommendation.

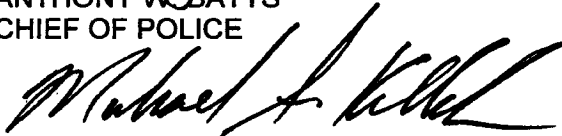
SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,

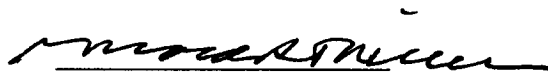


ANTHONY W. BATTS
CHIEF OF POLICE



MICHAEL A. KILLEBREW
DIRECTOR OF FINANCIAL MANAGEMENT

APPROVED:



GERALD R. MILLER
CITY MANAGER