

SANTA BARBARA COUNTY BOARD AGENDA LETTER



Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:
Prepared on: 6/14/06
Department Name: Sheriff
Department No.: 032
Agenda Date: 6/27/06
Placement: Administrative
Estimate Time:
Continued Item: NO
If Yes, date from:

TO: Board of Supervisors

FROM: Sheriff Jim Anderson
Sheriff's Department

STAFF CONTACT: Lt. Laz Salinas
Sheriff's Department 692 5732

SUBJECT: Execute an Agreement to purchase a Computer Aided Dispatch System from TriTech Software Systems

Recommendation(s):

That the Board of Supervisors:

Execute an agreement with TriTech Software Systems of San Diego (not a local vendor), to purchase a Computer Aided Dispatch and Mobile software system for installation in the County Public Safety Dispatch Center, Sheriff's Patrol vehicles, County Fire ambulances and AMR ambulances. The cost of software, installation and training on the system is not to exceed \$1,175,000.

Alignment with Board Strategic Plan:

The recommendation(s) are primarily aligned with Goal No. 2. A Safe and Healthy Community in Which to Live, Work, and Visit.

Executive Summary and Discussion:

The Santa Barbara Sheriff's Department currently operates the County of Santa Barbara's Public Safety Dispatch Center (Dispatch) which is the Public Safety Answering Point (PSAP) for 911 calls for the unincorporated areas of the county as well as the Contract Cities of Carpinteria, Goleta, Buellton, and Solvang. The Center dispatches Law Enforcement, Fire and Emergency Medical Services for multiple stakeholders utilizing a Tiburon Computer Aided Dispatch (CAD). The Tiburon CAD was installed in 1999 and does not have a latitude/longitude mapping configuration to support locating cellular telephone 9-1-1 calls. A CAD system needs to translate the longitude and latitude axis into geographical locations as required by the Federal Communications Commission. Dispatch began accepting cellular 9-1-1 calls from the public in March 2006, and needs a CAD system capable of meeting this requirement.

In January 2005 The County of Santa Barbara and American Medical Response (AMR) entered into a multi-year contract for ambulance service. Within section 4.2 of the ambulance contract language, American Medical Response is providing 33% of the funding for a TriTech CAD Dispatch. Through the ambulance contract, the CAD in our Center must use a Systems Status Management (SSM) module to recommend ambulance resources located throughout the county. This module allows American Medical Response to evenly distribute ambulances throughout the County so they can reduce response time in compliance with the contract's agreed upon performance measures, thereby assisting the public and saving lives. The current Tiburon CAD has not been able to meet this requirement. In the ambulance contract, AMR is also responsible for installing Mobile Display Computers (MDC) in each ambulance to receive data from the Center. In addition, County Fire is responsible for installing MDC's into transport ambulances operated by County Fire personnel.

The Sheriff's Department must replace the hardware that will support the new TriTech CAD. The Department will use a public cellular provider to transmit data between the TriTech CAD and the mobile software running in Public Safety vehicles. A preliminary estimate for the hardware and for cellular data transfer is included in this Board Letter. A contract for the hardware and a contract for cellular equipment and service will be forwarded to the Board for approval once final costs and vendors are selected.

Mandates and Service Levels:

The wireless E911 program is divided into two parts - Phase I and Phase II. Phase I requires carriers, upon appropriate request by a local Public Safety Answering Point (PSAP), to report the telephone number of a wireless 911 caller and the location of the antenna that received the call. Phase II requires wireless carriers to provide far more precise location information, within 50 to 300 meters in most cases.

In March 2005, The Sheriff's Department received Board approval to select TriTech as the sole source vendor for the CAD and Mobile application Software.

Fiscal and Facilities Impacts:

The cost of this contract with TriTech Software Systems for the Computer-Aided Dispatch system is \$1,175,000. In addition to this contract, funds are being used for a consultant to assist in the drafting of the agreement with TriTech (\$85,368), additional computer hardware to support the system, estimated at \$180,000, and a cellular data network that will be needed to connect the mobile units to the Computer-Aided Dispatch system. This "data backbone" will cost \$85,000 for hardware and set-up. Total project costs including a contingency of \$113,362 are expected to be \$1,639,000.

Funding for \$1,106,000 of this project is in the Sheriff's Department Reserves and Designations, project number 2466. The remaining \$533,000 has been committed by the Fire Department to be paid by the end of calendar year 2006.

The Montecito Fire and Carpinteria Summerland Fire Districts will also utilize the new TriTech CAD and Mobile system and these agencies contribution toward the purchase and maintenance of the system will be determined through future negotiations.

Special Instructions:

Clerk of the Board: Please return two original copies of the executed document plus a Minute order to the Sheriff's Department, attention: Lieutenant Laz Salinas.

Concurrence:

County Counsel
Risk Management
Auditor-Controller
Fire Department