



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

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

**Department Name:** CEO/Office of Emergency Management  
**Department No.:** 012  
**For Agenda Of:** June 19, 2012  
**Placement:** Administrative  
**Estimated Tme:**  
**Continued Item:** No  
**If Yes, date from:**  
**Vote Required:** Majority

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**TO:** Board of Supervisors  
**FROM:** Department Director(s) Michael D. Harris, Emergency Operations Chief  
Contact Info: Joseph Guzzardi, Emergency Manager, 681-5526  
**SUBJECT:** Amendment Number One to the Professional Services Contract for a Study of the Interoperable Communications Capabilities for the Santa Barbara County Operational Area.

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**County Counsel Concurrence**

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

**Recommended Actions:**

That the Board of Supervisors:

Approve the amended term and payment schedule for the "Professional Services Contract for a Study of the Interoperable Communication Capabilities for the Santa Barbara County Operational Area", originally approved on June 1, 2010, in an amount not to exceed \$120,000 (no change), with DELTAWRX Management Consultants.

**Summary Text:**

The Santa Barbara County Office of Emergency Management (OEM) received a \$120,000 grant from the United States Department of Homeland Security to conduct a study to analyze the disparate radio systems within the Santa Barbara Operational Area (SBOA) and develop a strategic vision for future radio systems. Staff is requesting that the original contract approved by the Board on June 1, 2010, be extended to June 30, 2012 at no additional cost. The California Emergency Management Agency (Cal EMA) has approved the extension.

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**Auditor-Controller Concurrence**

As to form: Yes

**Background:**

The goal of the study to have an inventory of current radio systems and to analyze what system(s) may be optimal to the jurisdictions and agencies within the SBOA to develop in order to achieve interoperable communication system. Delays have occurred due to difficulties in collecting the required information for the various area radio system operators. The Contractor has completed the system inventory and coverage analysis. That analysis has been published to local agencies and jurisdictions for their comments. The Contractor is now completing their strategic analysis including system recommendations.

The timeframe of the project changed because of unanticipated difficulties of gathering all of the system information. This increased work on the Contractor's part pushed this project's timeframe back. In addition, the payment schedule was amended to reflect the work performed to date and that the Contractor has completed those steps necessary to now meet with local stakeholders and issue a plan on future system-implementations.

Over decades the United States developed elaborate radio systems designed to meet the needs of the various emergency disciplines. These systems were often designed around strict requirements governed by the Federal Communications Commission (FCC). The FCC established pre-designated frequencies and bands of frequencies designed to minimize interference from the various agencies.

While the systems in many ways improved communications amongst the disciplines, the systems also created operational difficulties between disciplines. For example, many law enforcement and fire agencies operate their radio systems on separate FCC approved frequencies. This lack of interoperability makes communicating on an incident difficult. The terrorist attacks of September 11, 2001, highlighted the inability of disciplines to communicate via separate radio systems. In addition, the existing systems became overloaded on September 11<sup>th</sup> because of the large increase to the radio traffic from the World Trade Center incident.

As a result of the terrorist attacks, the FCC and the federal government in general, including the Department of Homeland Security, has recognized the need to develop interoperable communication systems using new technologies. This study is designed to be an initial step in identifying the local systems and conducting a needs/gap analysis that can be later used to solicit funding from federal resources.

This study seeks to conduct an inventory of existing jurisdictional and agency communication systems, examine the communication needs of the various disciplines (including communication needs for providing mutual aid outside the SBOA) and what technologies might be employed, similar to other strategic jurisdictional communication plans, to improve efficiencies, analyze costs and ensure operational functionality.

**Performance Measure:**

This study will be completed by June 30, 2012. The study will consist of nine work plan tasks:

- Task 1 - Conduct Project Planning Workshop
- Task 2 - Review Existing Materials
- Task 3 - Conduct Interviews and Focus Groups
- Task 4 - Conduct Coverage Analysis
- Task 5 - Document Current Systems
- Task 6 - Develop Conceptual Design
- Task 7 - Document Conceptual Design Analysis
- Task 8 - Present Conceptual Design Report
- Task 9 - Prepare System Recommendations

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State			
Federal	\$ 120,000.00	\$ -	\$ 120,000.00
Fees			
Other:			
Total	\$ 120,000.00	\$ -	\$ 120,000.00

Narrative:

The funding for this project is from the United States Department of Homeland Security. Staff support costs are contained within the current adjusted department budget. There are no additional General Fund costs associated with this project.

**Staffing Impacts:**

**Legal Positions:**

0

**FTEs:**

0

**Special Instructions:**

Please email a copy of a signed contract and one copy of a Minute Order to oes\_admin@countyofsb.org, attn: Michael D. Harris.

**Attachments:**

- 1<sup>st</sup> Amendment to Professional Services Contract with DELTAWRX.
- Highlighted Changes to the Payment Arrangements.

**Authored by:**

Michael D. Harris

**cc:**

Michael Thayer, President, DELTAWRX  
Santa Barbara County Homeland Security Approval Authority  
Santa Barbara County Operational Area Council