

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

566



FROM: Economic Development Agency

SUBMITTAL DATE:
October 28, 2010

SUBJECT: 9-1-1 Communications - Public Safety Systems Infrastructure Upgrade - In-Principle

RECOMMENDED MOTION: That the Board of Supervisors approve In-Principle the 9-1-1 Communications - Public Safety Systems Infrastructure Upgrade Project.

BACKGROUND: The 9-1-1 Communications building in Riverside is the primary location of the County's main 9-1-1 Dispatch Communications Center. The dispatch center is operated by the Sheriff's Department and is the critical communications hub for countywide emergency response services. The facility also houses Riverside County Information Technology (RCIT) and the Public Safety Radio and Microwave Systems Group who provide essential support services. In addition, new equipment is being added to the site for the Public Safety Enterprise Communications System (PSEC). The Sheriff's Department, RCIT, PSEC and associated emergency support functions work interactively at the 9-1-1 Communications building to provide indispensable public safety service and communications for first responder emergency personnel throughout the County.

(Continued)

Robert Field
Assistant County Executive Officer/EDA

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 0	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2010/11

COMPANION ITEM ON BOARD OF DIRECTORS AGENDA: No

SOURCE OF FUNDS:	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY:
Jennifer L. Sargent

County Executive Office Signature

Reviewed by
RCIT TEAM

Christopher Hans

Dept't Recomm.: Consent Policy
Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: N/A District: 1 Agenda Number: 3.62

BACKGROUND: (Continued)

The 9-1-1 Communications building was built in 1968 and has undergone many modifications, repairs, and equipment replacements; however, many building systems have reached the end of their operating life-cycle. Furthermore, the County of Riverside has grown substantially which has placed demands on the building to expand but has exceeded the capacity for which it was originally designed. Previous consideration was given relocating all these critical services to a new facility, but a suitable location could not be identified and the current economic downturn now precludes construction of such a building. Therefore, the highest priority repairs and upgrades necessary to ensure continuing operation of the equipment and personnel that provide invaluable public safety communications must be undertaken.

County personnel combined knowledge of the 9-1-1 Communication Center with the conclusions of a risk assessment report by MRC Engineering, Inc., to recommend the following items as minimum requirements for upgrade and repair:

- Construction of a new main electrical service (1200 amps)
- Installation of new main building electrical grounding system
- Installation of new uninterrupted power source (UPS) system to provide emergency power protection for 9-1-1 system
- Construction of new electrical distribution associated with the new UPS
- Installation of new air conditioning systems to protect critical equipment that serves RCIT, Sheriff 9-1-1, and PSEC at the facility
- Upgrade and repair existing fire suppression systems for the data-equipment rooms
- Upgrade and repair fire alarm systems for the data-equipment rooms
- Make structural roof repairs that may not be covered by an Economic Development Agency (EDA) Deferred Maintenance roof replacement project that will be done at the facility

Once funding is identified, the department will return to the Board with an agreement for design services.