

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

705



FROM: Fire Department - EMS Bureau

SUBMITTAL DATE:
August 4, 2011

SUBJECT: American Heart Association Western States Affiliate Donation


RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept donated funds in the amount of \$15,400 from the AMERICAN HEART ASSOCIATION WESTERN STATES AFFLIATE, and;
2. Authorize the Riverside County Fire Chief, or his designee, to administer all actions necessary and sign all documents related to the administration of this donation, and;
3. Approve and direct the Auditor-Controller to make the budget adjustments as shown on Schedule A.

BACKGROUND: In June of 2011, the Riverside County Fire Department Emergency Medical Services (EMS) Bureau was approached by Eisenhower Medical Center in Rancho Mirage and the Go Red for Women group of the American Heart Association seeking to support the expansion of 12 Lead ECG transmissions by Fire Department providers within the Coachella Valley. Their desire is to donate funds that will compliment those already provided by the H.N. and FRANCES C. BERGER FOUNDATION. The original Berger Foundation grant monies were approved by the Board of Supervisors on February 1, 2011. (continued)



Glenn Patterson, Admin Deputy Chief for
John R. Hawkins, County Fire Chief

FISCAL PROCEDURES APPROVED
PAUL ANGULO, CPA, AUDITOR-CONTROLLER
BY 
SAMUEL WONG

Departmental Concurrence

Consent Policy
 Consent Policy

Dept's Recomm.
 Per Exec. Ofc.

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 15,400	In Current Year Budget:	No
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	Yes
	Annual Net County Cost:	\$ 0	For Fiscal Year:	11/12

SOURCE OF FUNDS: 100% Grant Funds	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input checked="" type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: 
Robert Tremaine

County Executive Office Signature

BACKGROUND: (continued)

These funds provided the contract cities of Indian Wells, Palm Desert, Rancho Mirage and Indio with an upgrade in the care that can be delivered to patients experiencing an Acute Myocardial Infarction (Heart Attack) by adding 12 Lead Electrocardiogram (ECG) transmission to the Paramedics scope of practice for a one year trial. This program has been implemented and operational for three months. The success and value of this grant was quickly realized by the American Heart Association and funds were raised to expand the program throughout the Coachella Valley.

The American Heart Association and the U.S. Heart Attack Program now considers early notification of the receiving hospital as part of the standard of care for the Pre-Hospital patient with STEMI (ST elevation Acute Myocardial Infarction) better known as a heart attack. Studies have shown that early transmission via cellular modem of the Pre-Hospital Hospital 12 lead ECG obtained by Paramedics in the field and remotely transmitted to the Emergency Room at the STEMI Receiving Center (Eisenhower Medical Center Emergency Department, Desert Regional Medical Center Emergency Department and John F. Kennedy Memorial Hospital Emergency Department) speeds diagnosis of an actual heart attack. This early activation of the STEMI receiving center substantially shortens the patients' time to definitive treatment in the Emergency Room and/or Cardiac Catheterization Lab by as much as 15 to 30 minutes. This reduction in time is proven to save heart muscle, improve patient outcomes and long term survivability thereby increasing quality of life and long term productivity of the patient.

The original grant of \$25,000 has been distributed amongst first response paramedic services including Palm Springs and Cathedral City Fire Departments in the Coachella Valley with the remaining balance of \$15,400 stipulated for use by the Riverside County Fire Department first response paramedic services.

To perform this upgrade and place into service would require the purchase of additional equipment and computer software that will be added to existing equipment (to include one back up monitor per geographic area) cardiac monitor/defibrillators now carried on each of the first response paramedic fire engines operated by the Riverside County Fire Department in the Coachella Valley. The request also covers the cost for the data plan upgrades required on the existing cell phones. The cost of this upgrade would be approximately:

\$ 14,300.00 for Equipment and Software Upgrades
\$ 1,100.00 for Data Plan Upgrades to existing Cell Phones.
\$ 15,400.00 Total Donation

Implementation of 12 lead EKG transmission as a diagnostic procedure in the Pre-Hospital setting will expand the community wide care given to all patients and in particular those experiencing an acute heart attack.

As mentioned above, this is a joint effort with public and private organizations working together to provide the Emergency Room physician and the Cardiologist with a more definitive diagnosis prior to the patient's arrival.

SCHEDULE A

Fire Department

Increase Appropriations:

10000 – 2700200000 – 527780	Special Program Expense	\$15,400
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Increase Estimated Revenue:

10000 – 2700200000 – 781220	Contributions & Donations	\$15,400
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