

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Health	(2) MEETING DATE 7/7/2015	(3) CONTACT/PHONE Penny Borenstein / 781-5519	
(4) SUBJECT Request to amend the fixed asset list in Fund Center 160 - Public Health for the purchase of two Cardio Pulmonary Resuscitation (CPR) manikins and authorize a corresponding budget adjustment in the amount of \$38,000 from unanticipated revenue to implement a "High Performance CPR" program in San Luis Obispo County. All Districts.			
(5) RECOMMENDED ACTION It is recommended that the Board: 1) Amend Fund Center 160 – Public Health’s fixed asset list to include two CPR manikins; and 2) Authorize a corresponding budget adjustment in the amount of \$38,000 from unanticipated revenue to purchase the two CPR manikins and training costs to implement a “High Performance CPR” training program in San Luis Obispo County (4/5’s vote required).			
(6) FUNDING SOURCE(S) French Hospital Medical Center / EMSA, Inc. Trust Fund	(7) CURRENT YEAR FINANCIAL IMPACT \$38,000.00	(8) ANNUAL FINANCIAL IMPACT \$38,000.00	(9) BUDGETED? No
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input checked="" type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) N/A		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: 1516003 <input checked="" type="checkbox"/> 4/5 Vote Required <input type="checkbox"/> N/A	
(14) LOCATION MAP N/A	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A Date: _____	
(17) ADMINISTRATIVE OFFICE REVIEW Leslie Brown			
(18) SUPERVISOR DISTRICT(S) All Districts			

County of San Luis Obispo



TO: Board of Supervisors

FROM: Jeff Hamm, Health Agency Director
Penny Borenstein, MD, Health Officer

DATE: 7/7/2015

SUBJECT: Request to amend the fixed asset list in Fund Center 160 - Public Health for the purchase of two Cardio Pulmonary Resuscitation (CPR) manikins and authorize a corresponding budget adjustment in the amount of \$38,000 from unanticipated revenue to implement a "High Performance CPR" program in San Luis Obispo County. All Districts.

RECOMMENDATION

It is recommended that the Board:

- 1) Amend Fund Center 160 – Public Health’s fixed asset list to include two CPR manikins; and
- 2) Authorize a corresponding budget adjustment in the amount of \$38,000 from unanticipated revenue to purchase the two CPR manikins and training costs to implement a “High Performance CPR” training program in San Luis Obispo County (4/5’s vote required).

DISCUSSION

Cardiovascular disease is the single greatest cause of death in the United States. Nearly 400,000 cardiac arrests occur each year with 88% occurring in the home. Early recognition, activation of the 911 system, early initiation of bystander cardiopulmonary resuscitation (CPR) and Emergency Medical Services (EMS) intervention increase the chances of survival. The current national survival rate for out-of-hospital cardiac arrest is less than 8%. This low survival rate renders cardiac arrest as one of the most lethal public health problems in the United States, claiming more lives than colorectal cancer, breast cancer, prostate cancer, influenza, pneumonia, auto accidents, HIV, firearms, and house fires combined.

The San Luis Obispo EMS Agency began tracking survival rates of out-of-hospital cardiac arrest that were transported to a hospital in January 2013. Over the course of an 18-month period (January 2013 – June 2014) there were 415 EMS responses for cardiac arrest, of which 21 resulted in patient survival. These data represent a 5% survival rate, even lower than the approximate 8% nationally.

Throughout the United States, communities are implementing “High Performance CPR” programs. These programs have dramatically increased out-of-hospital survival rates by as much as 30% to 50%.

The San Luis Obispo County Emergency Medical Services Agency is designing a “High Performance CPR” model for system-wide implementation. High Performance CPR programs focus on:

- Community Education
- Early 911 System Activation
- High Quality CPR
- Early Defibrillation

The San Luis Obispo County EMS Agency "High Performance CPR" program will consist of approximately 30 class sessions over an 8 month period, and includes training a set of "core trainers" from a cross-section of the EMS Providers. The program will utilize special training manikins to train over 500 first responders, EMTs and Paramedics throughout the entire county. Each four hour training session focuses on the theory and skill performance. In addition to training EMS responders the program focuses on community "Hands-Only CPR" events, AED training, and pre-arrival instruction for EMS dispatchers. To sustain an ongoing program, the EMS providers will utilize their "core instructor" to refresh and provide ongoing training on a regular basis.

OTHER AGENCY INVOLVEMENT/IMPACT

County Fire Chiefs Association, SLO County Fire (CAL FIRE), Five Cities Fire Authority, City of San Luis Obispo Fire Department, Morro Bay Fire Department, Paso Robles Emergency Services Department, Atascadero Fire Department, the Emergency Medical Care Committee, San Luis Ambulance, and the Cambria Health Care District are some of the entities that have endorsed and will be participating in the program. The County Administrative Office and the Auditor's Office have reviewed and approved the Budget Adjustment Request.

FINANCIAL CONSIDERATIONS

The Health Agency's Emergency Medical Services division is requesting to purchase two manikins at a cost of \$13,110. The remaining \$24,890 cost will be to implement a "High Performance CPR" program that includes the cost to hire professional instructors and program supplies. The program will support two program coordinators at \$6,000 each, or \$12,000. There will be a minimum of 25 training sessions, each lasting 4 hours with 2 instructors present at each session, at a cost of \$480 per session, for an additional \$12,000. Classroom supplies and materials, beyond the manikins, at a total of \$890, will round out the full program cost. French Hospital Medical Center has committed \$30,000 of funding to the County to contribute to the program costs. The SLO EMSA Inc. Trust Fund, managed by the Community Foundation of San Luis Obispo County, provided \$8K for this project. These unanticipated funds were deposited in a County trust account and will be moved to the Department's budget once this request is approved by the Board. Approval of the recommended action will not increase the level of General Fund Support required for the Health Agency.

RESULTS

The San Luis Obispo County EMS Agency will monitor survival rates for out-of-hospital cardiac arrests with an aim of doubling survival rates to at least 10% after the first two years of full implementation of High Performance CPR.

The result contributes to the County's vision of a healthy community.