



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: Public Health
Department No.: 041
For Agenda Of: August 27, 2013
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Takashi Wada, MD, MPH, Director and Health Officer
Director(s) Public Health Department
Contact Info: Nancy Lapolla, MPH, Director, Emergency Medical Services
(EMS) Agency
SUBJECT: Professional Services Agreement, Contractor on Payroll, Not Subject to Retirement for Mimi Applegate Elder

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management & HR CEO

As to form: Yes

Recommended Actions:

That the Board of Supervisors consider recommendations regarding Professional Services for Contractor on Payroll for Mimi Applegate Elder as follows:

- a) Approve and authorize the Chair to execute an Agreement for Contractor on Payroll, Not Subject to Retirement, with Mimi Applegate Elder, RN (a local vendor), to review data and patient records related to the STEMI program (the term STEMI refers to a type of heart attack called ST Elevated Myocardial Infarction) and the Cardiac Arrest Registry to Enhance Survival (CARES) rendered by prehospital and hospital care providers. This Agreement will commence on September 2, 2013 and continue through August 31, 2014 in an amount not to exceed \$51,617.
- b) Determine that these activities are exempt from California Environmental Quality Act review per CEQA Guideline Section 15061(b)(3), since it can be seen with certainty that there is no possibility that the activities may have a significant effect on the environment.

Summary Text:

This item is on the Agenda to execute an Agreement for a Contractor on Payroll, Not Subject to Retirement, to review data and develop policy for quality improvement for CARES and STEMI services.

On July 2, 2013, your Board approved Amendments to the Agreements with Marian Regional Medical Center (MRMC) and Santa Barbara Cottage Hospital (SBCH) as STEMI Receiving Centers. The

Amendments allow the County to recover costs incurred by the EMS Agency to oversee the program at these STEMI Receiving Centers. The STEMI program is part of a system established to provide an organized response to STEMI patients which includes quality improvement and oversight of our STEMI Receiving Centers in Santa Barbara County. STEMI Receiving Centers have established protocols and procedures to ensure care is provided quickly to those experiencing STEMI-type heart attacks in order to improve outcomes.

On August 20, 2013, your Board approved an extension to the term of the Agreement with American Medical Response West which provides funding to the County's EMS Agency to perform contract oversight and quality improvement (QI) activities to ensure the contractor delivers quality medical care. One QI measure is to review each cardiac arrest that occurs in Santa Barbara County. This is accomplished through the CARES program. CARES is a cooperative agreement between the Center for Disease Control and Prevention (CDC) and the Department of Emergency Medicine at Emory University School of Medicine to identify incidents of prehospital cardiac arrest. Santa Barbara County joined the CARES Program in 2011 to study cardiac arrest survival rates compared to larger communities and to improve system performance, consolidate and standardize essential data elements and provide system feedback to our EMS providers.

Through these funding mechanisms the EMS Agency proposes to contract with a .6 FTE Registered Nurse to perform quality improvement activities on all STEMI and CARES cases by reviewing patient records and data and making recommendations for system quality improvement.

The Contractor on Payroll Agreement for Mimi Applegate Elder, RN was reviewed and approved by CEO/Human Resources and meets the criteria set forth in the County policy on Contractors on Payroll.

Background:

The Comprehensive Cardiac Care Program was initiated in 2010 and includes STEMI and CARES data. Since that time, 318 STEMI patients have been treated. In all categories of patients, the STEMI system has exceeded the 2013 published goals of the American College of Cardiology (ACC) and American Heart Association (AHA). CARES data is submitted monthly into the national CARES registry providing comparison between EMS systems to allow for process improvement.

An experienced QI nurse is an essential part of the ongoing success of the STEMI and CARES programs due to the advanced level of medical case review understanding, and the resulting recommendations for system process improvements.

STEMI program oversight, case review and quality improvement activities include:

- The ability to rapidly and accurately identify patients suffering from STEMI.
- System review of patients who have sustained a STEMI to ascertain early recognition and treatment in a STEMI Referral Hospital or STEMI Receiving Hospital.
- Continuous and effective county-wide coordination of prehospital and hospital care resources, so that STEMI patients will be expeditiously transported to the closest available STEMI Receiving Center or STEMI Referral Center.
- Ongoing case review to ensure prehospital and hospital compliance with STEMI policies.

CARES program oversight, case review and quality improvement activities include:

- Research and review current medical literature supporting CARES program as indicated. Utilize citations as appropriate when updating, amending or creating policies.

- Daily/weekly review of paramedic cardiac arrest reports and print, review and retain all corresponding dispatch reports.
- Review hospital patient records and/or query each paramedic provider or hospital coordinator as indicated. Consult with EMS Medical Director on issues as appropriate.
- Enter data into CARES Registry.

Performance Measure: County Performance Measures for STEMI and CARES program are as follows:

1. Collect data and report on STEMI performance with a program goal of 90 minutes or less lap time between the 9-1-1 call time and the time that the patient undergoes cardiac catheterization at a STEMI Receiving Hospital.
2. Capture data as specified in STEMI database for all reported STEMI activations for the prior month by the end of current month for 90% of the cases or more.
3. Provide monthly reports from the STEMI database to the EMS Agency Medical Director by the 30th of the current month for the month prior.
4. Capture data specified in the CARES database and EMS Agency database for all reported out of hospital cardiac arrest cases in Santa Barbara County.
5. Complete data entry for all cardiac arrest cases to the CARES database within 60 days of the occurrence.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

Funding Sources	Current FY Cost:	Annualized On-going Cost:	Total One-Time Project Cost
General Fund			
State			
Federal			
Fees	\$51,617	\$51,617	
Other:			
Total	\$ 51,617	\$51,617	

This Agreement with Mimi Applegate Elder, RN in the amount of \$51,617, is funded in full by the American Medical Response West (AMR) contract and the Hospital STEMI Agreements, which are temporary funding sources that come in annually based on the terms with AMR and Hospital STEMI agreements.

There is no increase in the use of the County's General Fund resources as a result of executing this Agreement.

This action will not result in a need for additional facilities.

Staffing Impacts:

Legal Positions:

0

FTEs:

1

Mimi Applegate Elder, Contractor on Payroll

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Special Instructions:

Please return one fully executed original along with a copy of the minute order to PHD Contracts Unit, 300 North San Antonio Road, Building 8, Santa Barbara, CA 93110 Attn: Rose Davis.

Attachments:

Agreement for Professional Services of Contractor On Payroll, Not Subject To Retirement between County of Santa Barbara and Mimi Applegate Elder, RN

Authored by:

John Eaglesham, EMS Agency Deputy Director