

CITY OF SANTA ROSA
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL
FROM: STEVE SUTER, BATTALION CHIEF - EMS
FIRE DEPARTMENT
ANNA MCAULIFFE, RESEARCH AND PROGRAM
COORDINATOR, FIRE DEPARTMENT
BRANDALYN TRAMEL, PURCHASING AGENT, FINANCE
DEPARTMENT
SUBJECT: APPROVE PURCHASE ORDER FOR FIFTEEN 12-LEAD EKG
MONITOR/ DEFIBRILLATOR UNITS AND ACCESSORIES

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Fire and Finance Department that the Council, by resolution, approve a Purchase Order with Stryker Sales Corporation of Portage, Michigan, for fifteen 12-Lead EKG Monitors/Defibrillator Units and Accessories, in an amount not to exceed \$529,750.46.

EXECUTIVE SUMMARY

This purchase of required safety equipment will bring the Fire Department's EKG monitor/defibrillator units up to safety standards and will provide essential equipment replacement.

BACKGROUND

The 12-lead EKG monitor is a key piece of equipment used by paramedics for the evaluation of patient illnesses and treatments. Using a 12-lead EKG monitor allows assessment of a patient's heart from multiple sides and determines which treatment is the most effective. Newer monitors also have additional capabilities to evaluate the patient's respiratory function and can identify severe illnesses such as sepsis. In cases of abnormal cardiac rhythms or cardiac arrest, the EKG monitor can be used to provide lifesaving electrical therapy.

In 2002, SRFD began providing advanced medical care to the citizens and visitors of Santa Rosa by adding paramedic firefighters. SRFD purchased the most advanced 12-lead EKG monitors available at the time. The paramedic program now provides

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advanced medical care on its front-line and cross-staffed apparatus. Approval of the recommended purchase order will ensure that our Firefighter/Paramedics can provide first response advanced life support equipment in our city and to the neighboring jurisdictions that are part of the franchise when they are on major wildfires or other significant events around the state.

The current 12-lead EKG monitors provide reliable function daily; however, they are no longer supported by the manufacturer and do not have the ability to upgrade to the latest technology. Our current monitors were purchased between 2005 and 2009. 12-lead EKG monitor technology has advanced considerably since then to include automated vital signs, carbon monoxide (CO) monitoring, and end-tidal carbon dioxide (CO₂) monitoring. CO monitoring has become an important topic for firefighters and fire victims exposed to smoke and the products of fire combustion. In addition, end-tidal CO₂ can be used to determine if a sick patient is septic and needs more immediate treatment. In March 2017, the manufacturer of our monitors, Physio-Control Inc., announced a phased discontinuation process as the monitors reach their end of support life. The need for more technologically advanced monitors and the fact that our current monitors are no longer supported has made their replacement a high priority.

Due to a need to replace the 12-lead EKG monitors, SRFD applied for the 2018 FEMA AFG grant. SRFD was awarded grant funding in the amount of \$502,056.

PRIOR CITY COUNCIL REVIEW

Not applicable.

ANALYSIS

On January 8, 2020, Invitation for Bids (IFB) 19-91 for the purchase of fifteen 12-Lead EKG monitor/defibrillator units and accessories was opened by the Purchasing Division of Finance.

Of the eighteen (18) prospective bidders on the City's bid list, two (2) bidders responded with written offers considered responsive and responsible to the bid requirements. See list below:

<u>Bidder</u>	<u>Total Amount</u>
Stryker Sales Corporation, Portage, MI	\$529,750.46
Zoll Medical, Chelmsford, MA	\$588,992.37

FISCAL IMPACT

This purchase will be funded with a FEMA AFG Grant award that will cover 90% of the purchase, with the City required contribution of 10% share as identified in the grant

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requirements. The costs for this purchase are allocated as shown below:

FEMA AFG grant purchase 90%	JL Project Key 05102 (FEMA AFG EKG Defibrillators)	\$476,047.46 -10% City Contribution (\$43,277.04) \$432,770.42
City Contribution 10%	JL Project Key 05013 (Defibrillator Replacement)	\$ 43,277.04
Warranty Package	JL Project Key 05013 (Defibrillator Replacement)	\$ 53,703
	Total	\$529,750.46

Approval of this action does not have a fiscal impact on the General Fund.

ENVIRONMENTAL IMPACT

The Council finds that the proposed action is exempt from the provisions of the California Environmental Quality Act (CEQA) under section 15061(b)(3) and 15378 in that there is no possibility that the implementation of this action may have significant effects on the environment, and that no further environmental review is required.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

NOTIFICATION

Not applicable.

ATTACHMENTS

- Resolution

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