



City of Chula Vista

Staff Report

File#: 14-0431, **Item#:** 3.

RESOLUTION NO. 2014-154 OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA APPROVING AN AMENDMENT TO THE TWO-PARTY SOFTWARE LICENSE AGREEMENT BETWEEN THE CITY OF CHULA VISTA AND THE WORLD ADVANCEMENT OF TECHNOLOGY FOR EMS AND RESCUE (W.A.T.E.R) TO CREATE A SERVER BASED STORAGE SOLUTION THAT WILL INTEGRATE REAL-TIME ZOLL MONITOR DATA WITH THE ONSCENE PATIENT MEDICAL CHART AND AUTHORIZING AN APPROPRIATION OF \$214,000 IN THE ADVANCED LIFE SUPPORT FUND FOR THE PROCUREMENT AND ACQUISITION OF REAL-TIME ZOLL MONITOR INTEGRATION FROM W.A.T.E.R AND PROCUREMENT AND ACQUISITION OF CARDIAC MONITOR/DEFIBRILLATORS AND AUTOPULSE CPR DEVICES MANUFACTURED BY ZOLL MEDICAL CORPORATION (4/5 VOTE REQUIRED)

RECOMMENDED ACTION

Council adopt the resolution.

SUMMARY

The Chula Vista Fire Department delivers quality Basic Life Support (BLS) and Advanced Life Support (ALS) services to residents, visitors, and employees every day. A vital component of this service relies heavily on the resuscitative equipment that is carried on all apparatus. Such essential equipment includes cardiac monitor/defibrillators and Autopulse CPR devices. The industry standard for the service life of this equipment is five years. The age of the current cardiac monitor/defibrillators is six years.

On February 11, 2014 the City Council approved resolution 2014-021 to purchase eight new cardiac monitors, if approved this will allow the Fire Department to purchase six additional units necessary to convert additional BLS units to ALS. In addition, the Fire Department currently has a software license agreement with World Advancement of Technology for EMS and Rescue (W.A.T.E.R) for Onscene. Onscene is the software utilized for automatically integrating patient information from the dispatch system to create and store medical records for patients seen as part of EMS activity. If approved, this will allow the Fire Department to amend the agreement with W.A.T.E.R to create a server based storage solution that will integrate the patient's medical chart and Zoll-cardiac monitor record.

The Fire Department is recommending amending the two-party agreement between W.A.T.E.R and the City to include real-time Zoll monitor integration at a cost of \$15,800. Staff is also recommending the purchase of six new cardiac monitor/defibrillators and six new Autopulse CPR devices at a cost of \$308,525. The fiscal year 2014/15 costs for these purchases totals \$214,000, an appropriation of this amount is requested in the Advanced Life Support Fund. The balance of \$110,325 will be paid to the vendor in fiscal year 2015/16.

ENVIRONMENTAL REVIEW

The Development Services Director has reviewed the proposed activity for compliance with the

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California Environmental Quality Act (CEQA) and has determined that the activity is not a "Project" as defined under Section 15378(b)(2) of the State CEQA Guidelines because it is approval of a contract for the acquisition of cardiac monitor/defibrillators and autopulse CPR devices; therefore, pursuant to Section 15060(c)(3) of the State CEQA Guidelines the activity is not subject to CEQA. Thus, no environmental review is necessary.

BOARD/COMMISSION RECOMMENDATION

Not Applicable

DISCUSSION

As previously stated, the current cardiac monitor/defibrillators and Autopulse CPR devices are past the industry standard of five years of service life. The new monitors have significant improvements in technology that will allow the Fire Department to provide state of the art care to its citizens, visitors, and employees. This technology will allow the Fire Department to provide improved medical care for patients. Examples of this technology include WiFi based communication, improvements in 12 Lead Electrocardiogram acquisition and transmission, and improved measurement of oxygen, carbon dioxide, and carbon monoxide levels in the patients that we provide service to. This ability to bring the latest technology to the patient's side to assist in the diagnosis and treatment of prehospital patients has a positive impact on their outcomes. On February 11, 2014 the City Council approved resolution 2014-021, the department received approval to replace eight of the fourteen devices utilized by the department, leaving only these six devices to be replaced.

This purchase is a sole source purchase through Zoll Medical Corporation. A Five year sole source has been previously approved by the City Council (Resolution 2013-203, approved October 1, 2013). Utilizing the same equipment as our transport provider creates standardization and operational efficiency. Providing the same type of emergency life-saving devices on our apparatus is crucial in order to provide a standard approach to training all personnel. This ensures that our personnel can operate this equipment at a competent level while under the stress of the life-threatening illnesses and injuries that these devices are designed to treat. Using the same equipment allows both agencies to use each other's equipment when necessary. It also allows us to receive disposable restock items from AMR in order to keep our resources in-service immediately after a call is finished.

The city currently contracts with World Advancement of Technology for EMS and Rescue (W.A.T.E.R.) for the Onscene software that is utilized to create and store medical records for patients seen as part of EMS activity. As part of the purchase of cardiac monitors and Autopulse CPR devices, Zoll Medical Corporation, has discounted the purchase price of the equipment by \$15,800. In turn, W.A.T.E.R. will create a server based storage solution that will integrate the patient's medical chart and cardiac monitor record. The cost for the real time Zoll-monitor integration is \$15,800. This arrangement means that the city will not incur extra cost related to the integration of the Zoll-Monitors and the patient's record, as the savings generated by Zoll Medical equipment will be used to fund the cost of building this vital record system. Additionally, Zoll Medical has included special payment terms as follows: \$198,200 due next 30 days and the remaining balance of \$110,325 to be paid by July 30, 2015 and no interest to be accrued. The total cost of this equipment and the real-time monitor integration totals \$324,325.

The Fire Department staff is recommending amending the two-party agreement between W.A.T.E.R. and the City to include real-time Zoll monitor integration and appropriating funds in the amount of

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\$214,000 in the Advanced Life Support Fund in the Capital Equipment and Services and Supplies categories designated for the replacement of this equipment. These appropriations will be used to pay for the cost of the real-time Zoll monitor integration and to purchase six new cardiac monitor/defibrillators and six new Autopulse CPR devices for the current BLS, and soon to be ALS Engine, Truck, and Rescue units.

DECISION-MAKER CONFLICT

Staff has reviewed the decision contemplated by this action and has determined that it is not site specific and consequently, the 500-foot rule found in California Code of Regulations section 18704.2 (a)(1), is not applicable to this decision. Staff is not independently aware, and has not been informed by any City of Chula Vista Council member, of any other fact that may constitute a basis for a decision maker conflict of interest in this matter.

LINK TO STRATEGIC GOALS

The City's Strategic Plan has five major goals: Operational Excellence, Economic Vitality, Healthy Community, Strong and Secure Neighborhoods and a Connected Community. This resolution meets the goals of Operational Excellence and Healthy Community. The technology possessed by the newest generation of cardiac monitors makes patient care more efficient and accurate, thus allowing the Fire Department to provide improved service. The newest technology allows better clinical care as well, leading to improved patient outcomes as part of a healthier community.

CURRENT YEAR FISCAL IMPACT

Approval of this resolution will result in the appropriation of \$214,000 in the Advanced Life Support Fund in the Fiscal Year 2014/15 budget. The appropriation will cover the costs associated with the purchase of cardiac monitor/defibrillators and Autopulse CPR devices and accessories as necessary (\$198,200), and the cost of real-time Zoll monitor integration (\$15,800). The total cost for the purchase of the cardiac monitor/defibrillators and Autopulse CPR devices and related accessories totals \$308,525, of which \$198,200 will be paid in fiscal year 2014/15 and \$110,325 will be paid in fiscal year 2015/16.

There is no impact to the General Fund as a result of this action. Per the agreement with American Medical Response (AMR), the Advance Life Support Fund will recover the entire costs associated with the replacement of cardiac monitor/defibrillators and other related costs.

ONGOING FISCAL IMPACT

\$110,325 will be included in the proposed budget for fiscal year 2015/16 in the Advanced Life Support Fund and will be considered by Council as part of the normal budget process. This budget will cover the remaining costs associated with the purchase of cardiac monitor/defibrillators and Autopulse CPR devices.

Additionally, there is a \$400 per month maintenance fee which will start two years after the integration is completed. There is no impact to the General Fund as a result of this action. Per the agreement with American Medical Response (AMR), the Advance Life Support Fund will recover the entire costs associated with the replacement of cardiac monitor/defibrillators and other related cost associated with the ALS program.

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ATTACHMENTS

Resolution

Resolution 2008-107

Resolution 2013-203

Zoll Monitor and Autopulse Quote 167133

Amendment to Software License agreement

W.A.T.E.R Purchase agreement

W.A.T.E.R Software License agreement

Budget Detail

Staff Contact: Madeline Smith