



Office of the City Manager

CONSENT CALENDAR  
June 27, 2023

To: Honorable Mayor and Members of the City Council  
 From: Dee Williams-Ridley, City Manager  
 Submitted by: David Sprague, Fire Chief  
 Subject: Contract: Stryker Corp. Preventative Maintenance and Service

RECOMMENDATION

Adopt a Resolution authorizing the City Manager to execute a contract and any amendments, with Stryker Corporation to provide preventative maintenance and service to the Departments mechanical Cardio Pulmonary Resuscitation (CPR) units for three years from August 1, 2023 until August 1, 2026 in the amount not to exceed \$62,000.

FISCAL IMPACTS OF RECOMMENDATION

Funding will be recommended for appropriation through the first amendment to the FY 2024 Annual Appropriations Ordinance in the Measure GG Fund.

CURRENT SITUATION AND ITS EFFECTS

The fire department currently deploys eleven mechanical Cardio Pulmonary Resuscitation (CPR) devices by the Stryker Corporation named LUCAS. There are three years of service life remaining on the Departments LUCAS devices and the current maintenance and service contract expires on August 1, 2023. Stryker is the only provider who can perform preventative maintenance and service on the devices.

The current fleet of LUCAS 3.1 systems carried on all first responder apparatus have played an integral role in the City of Berkeley achieving a very high, 13.5% survival rate among cardiac arrest patients. In this context, "survival" refers to patients who suffer a cardiac arrest and are subsequently discharged from the hospital. This percentage is the highest in Alameda County and above the national average of 10.2%.

The preventative maintenance and service contract will continue to support the Department's goal of providing sustained and effective chest compressions to patients in cardiac arrest which sustains blood circulation to the brain, the heart and vital organs. This increases the probability that a victim of cardiac arrest to regain spontaneous circulation and be discharged from the hospital.

BACKGROUND

Mechanical CPR devices became a required piece of equipment by the Alameda County Local Emergency Medical Services Agency in 2011.

In 2018 the mechanical CPR devices (LUCAS 2s) that were provided to the fire department by the ambulance provider Paramedics Plus reached the end of their service life. To replace the end-of-life LUCAS 2s, LUCAS 3.1s were purchases with a five-year preventative maintenance and service contract.

ENVIRONMENTAL SUSTAINABILITY AND CLIMATE IMPACTS

There are no identifiable environmental effects, climate impacts, or sustainability opportunities associated with the subject of this report.

RATIONALE FOR RECOMMENDATION

The existing LUCAS 3.1 systems require regular maintenance and repair to be kept in good working order. Having these systems operable and available on first responder apparatus will continue to be a critical factor in providing life-saving care to the cardiac arrest patients we serve each year.

ALTERNATIVE ACTIONS CONSIDERED

None.

CONTACT PERSON

David McPartland, Assistant Fire Chief, Fire Department, (510) 981-3473  
David Sprague, Fire Chief, Fire Department, (510) 981-3473

Attachments:  
1: Resolution

RESOLUTION NO. ##,###-N.S.

CONTRACT: STRYKER CORP. PREVENTATIVE MAINTENANCE AND SERVICE

WHEREAS, mechanical CPR devices became a required piece of equipment by the Alameda County Local Emergency Medical Services Agency in 2011, and

WHEREAS, the Fire Department currently deploys eleven mechanical Cardio Pulmonary Resuscitation (CPR) devices by the Stryker Corporation named LUCAS, and

WHEREAS, the current fleet of LUCAS 3.1 systems carried on all first responder apparatus have played an integral role in the City of Berkeley achieving a very high, 13.5% survival rate among cardiac arrest patients. In this context, "survival" refers to patients who suffer a cardiac arrest and are subsequently discharged from the hospital. This percentage is the highest in Alameda County and above the national average of 10.2%, and

WHEREAS, there are three years of service life remaining on the Departments LUCAS devices and the current maintenance and service contract expires on August 1, 2023. Stryker is the only provider who can perform preventative maintenance and service on the devices, and

WHEREAS, the preventative maintenance and service contract will continue to support the Department's goal of providing sustained and effective chest compressions to patients in cardiac arrest which sustains blood circulation to the brain, the heart and vital organs. This increases the probability that a victim of cardiac arrest to regain spontaneous circulation and be discharged from the hospital.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the City Council adopt a Resolution authorizing the City Manager to execute a contract and any amendments, with Stryker Corporation to provide preventative maintenance and service to the Departments mechanical Cardio Pulmonary Resuscitation (CPR) units for three years from August 1, 2023 until August 1, 2026 in the amount not to exceed \$62,000.

