



DATE: January 30, 2024

TO: Mayor and City Council

FROM: Fire Chief

SUBJECT: Adopt a Resolution Authorizing the City Manager to Negotiate an Agreement With Stryker Corporation for the Purchase of Lucas Chest Compression Devices For the Hayward Fire Department in an Amount Not-to-Exceed \$384,836

RECOMMENDATION

That Council adopts a resolution (Attachment II) authorizing the City Manager to negotiate an agreement with Stryker Corporation for the purchase of LUCAS 3, v3.1, chest compression devices for use by the Hayward Fire Department (HFD).

SUMMARY

Capital Improvement Project (CIP) 07450 is designated for the purchase of replacement Lucas chest compressor devices for the Hayward Fire Department (HFD). HFD would like to complete the purchase with the Stryker Corporation, as they were the previous provider of this equipment and have facilitated a trade-in option of the existing equipment for a cost reduction when purchasing newer equipment. Since the existing Lucas Chest Compression devices are reaching the end of their life capacity, HFD would like to use the trade-in option to purchase the updated LUCAS 3, v3.1 chest compression devices for HFD. The purchase cost of \$384,835.54 is covered by the existing CIP budget and is a planned purchase as part of the FY24 CIP project list.

BACKGROUND AND DISCUSSION

The Lucas Chest Compression System provides effective, consistent, and uninterrupted chest compressions during CPR. This automated compression device provides patients with coronary perfusion pressure to adequately perfuse the heart muscle. The American Heart Association recommends limiting of interruptions in CPR because it is difficult to establish and maintain this perfusion pressure. Newer models use lithium ion batteries which provide longer charge times and more effective utilization of resources. Battery-operated chest compression devices are proven to improve patient outcomes in cardiac arrest and are considered cutting-edge technology.

Lucas 3 v3.1 is the only automated CPR device that meets rate and depth recommendations as required for compliance throughout Alameda County. The Lucas 3 v3.1 meets all county and AHA requirements for emergency medical care. These necessary measures allow for compliance with guidelines to perform emergency medical care and maintain all licensing. The continual usage of Stryker Corporation as a vendor has secured a redemption value for all equipment that has been in use with HFD for the last 10 years. The offset provided by the return of equipment has lowered the anticipated purchase price by \$100,000. This cost reduction has shown Stryker to be the purchasing partner for the execution of this necessary equipment.

The existing equipment in use by the Hayward Fire Department has reached the end of its usable lifespan and is set for planned replacement as part of the CIP Project list for FY24. The purchase is necessary for the safe and successful continuous use of Lucas devices, which has proven to be a valuable tool for safety, speed, accuracy, and improved patient outcomes.

FISCAL IMPACT

There is sufficient funding in the adopted FY 2024 CIP budget to cover the cost of the Lucas Chest Compression Devices from the Stryker Corporation. This project is an approved Capital Improvement Project for the necessary replacement of Lucas Devices, an automatic CPR device that assists emergency medical personnel during onsite emergencies and during transit to medical facilities.

SUSTAINABILITY FEATURES

By continuing to partner with the existing provider for the Lucas devices, the current devices that have exceeded their lifespan will be returned and recycled or refurbished. Additionally, this trade-in secures a significant discount toward the new purchase.

PUBLIC CONTACT

No public contact is needed for this item.

NEXT STEPS

If Council approves the resolution, staff will: 1) work with the City Manager to negotiate an agreement with Stryker Corporation for the purchase of Lucas chest compression equipment; and 2) complete the purchase of Lucas Devices. Once received, staff will distribute all required equipment to fire personnel and process the return of the expiring equipment.

Prepared by: Lauren Dekas, Management Analyst

Recommended by: Garrett Contreras, Fire Chief

Approved by:

A handwritten signature in black ink, appearing to read 'Kelly McAdoo', with a long horizontal stroke extending to the right.

Kelly McAdoo, City Manager