



AGENDA ITEM MEMORANDUM

City Council
AGENDA ITEM: G. 2.
01/08/2024

TO: Honorable Mayor and City Council Members
FROM: Brad Sufficool, Fire Chief
VIA: Charlene F. Kuhn, City Manager
SUBJECT: Approval to apply jointly with Hernando County Fire Rescue for Florida Department of Health (FDOH) Emergency Medical Services (EMS) Matching Grant
DATE: 01/08/2024

CITY MANAGER RECOMMENDATION:

Motion to 1) approve the application to the Florida Department of Health (FDOH) Emergency Medical Services (EMS) Matching Grant request of \$47,334.22 with a city match of \$15,778.07 for funding the purchase of three (3) Lucas Chest Compression Systems to equip front run apparatus; 2) approve delivery of a delegation letter, subject to legal review, authorizing the Mayor or City Manager or other designee to execute all necessary documents necessary related to the online application and award.

REPORT IN BRIEF:

The Emergency Medical Services (EMS) Grant is one of two grant programs that constitute the Florida Department of Health EMS Grant program offered to local agencies, municipalities, emergency medical services organizations, and youth athletic organizations. The grant opportunity is for the purpose of conducting research, increasing existing levels of emergency medical services, evaluation, community education, injury-prevention programs, and training in cardiopulmonary resuscitation and other lifesaving and first aid techniques.

DISCUSSION:

The objectives of the EMS Grant Program is to improve and expand pre-hospital emergency medical services in the state. Implementing LUCAS devices will increase the likelihood of survivability of sudden onset cardiac arrest in the City of Brooksville and greatly enhance the safety of our employees. The implementation of these devices into our EMS delivery system will give our patients a much better chance of survival.

Specific benefits of the equipment include:

1. A LUCAS device circulates cardiac drugs faster and more completely. Medications that reach the heart from improved circulation may increase the effectiveness of defibrillation.
2. Improved circulation of blood causes the veins to be more visible, making it easier for a paramedic to initiate an IV for fluid and medication administration.

3. Using the LUCAS device will reduce the potential for injury to rescuers since they can remain seated and restrained while the device provides consistent, quality chest compressions.
4. The device reduces rib fractures and cartilage damage when compared to manual compressions during CPR.
5. The use of a LUCAS device has shown to improve coronary perfusion pressure during cardiac arrest. Improving coronary perfusion pressure improves oxygenation of the heart and increases the likelihood of successful defibrillation into a perfusing rhythm and return of spontaneous circulation.

FISCAL IMPACT:

The grant request is in the amount of \$47,334.22 with a City match requirement of 25% or \$15,778.07, for a total project cost of \$63,112.29. These funds will come from uncapitalized equipment line item 143-014-522-55500

ALTERNATIVES:

None

Attachments

Lucas Joint Quote with HCFR
 Lucas Chest Compression System
 Delegation Letter

Form Review

Inbox	Reviewed By	Date
Finance Director	Autumn Sullivan	12/27/2023 03:27 PM
City Attorney	Becky Vose	12/27/2023 03:44 PM
Charlene Kuhn	Charlene Kuhn	12/27/2023 04:39 PM
Charlene Kuhn	Charlene Kuhn	01/02/2024 08:25 AM
Form Started By: Brad Sufficool		Started On: 12/26/2023 10:24 AM
Final Approval Date: 01/02/2024		