

TO: Honorable Mayor and City Council

FROM: Tim Malchow, Ambulance Director

SUBJECT: LUCAS 2 Chest Compression System

DATE: December 19, 2017

BACKGROUND

The City Council authorized a purchase of our first LUCAS 2 chest compression system in 2013 and the second in 2016. Since the ambulance service has taken possession of our LUCAS 2 chest compression system, the device has proven it is a necessity on all our ambulances. With our call volume increasing the Lucas 2 chest compression system is not always available.

The LUCAS 2 is used when someone goes into cardiac arrest. It takes the place of a rescuer doing manual chest compressions. Unlike a human, the LUCAS 2 does not suffer from fatigue and is able to perform chest compression for long periods of time. The American Heart Association says the emphasis needs to be on good quality chest compressions in cardiac arrest. The science of resuscitation shows that good quality chest compression is what saves more lives than any other interventions during cardiac arrest.

If the City Council approves the request for the purchase of another LUCAS chest compression system before the end of December 29, 2017, the City would be able to save \$6,590.00 since we are able to be a part of a grant program that is set to expire.

REQUESTED COUNCIL ACTION

Request a motion for the purchase of a LUCAS chest compression system for \$11,613.70.