



City of Arts & Innovation

City Council Memorandum

TO: HONORABLE MAYOR AND CITY COUNCIL DATE: FEBRUARY 2, 2016

FROM: FIRE DEPARTMENT WARDS: ALL

**SUBJECT: 2015 ASSISTANCE TO FIREFIGHTERS GRANT APPLICATION TO THE
DEPARTMENT OF HOMELAND SECURITY REQUESTING CARDIAC MONITOR
DEFIBRILLATORS IN THE AMOUNT OF \$1,070,632, WITH A REQUIRED CITY
MATCH OF \$97,330**

ISSUE:

Approval to submit an application for the 2015 Assistance to Firefighters Grant program to purchase cardiac monitor/defibrillator equipment.

RECOMMENDATIONS:

That the City Council approve the submittal of an application to the Department of Homeland Security to obtain new cardiac monitor/defibrillators, in the amount of \$1,070,632, with a required City match of \$97,330 (10% of total purchase cost).

BACKGROUND:

The Assistance to Firefighters Grant (AFG) program provides competitive, one-year awards to fire departments to improve emergency response times, increase firefighter safety, and replace mission-critical equipment. With the submittal of the 2015 AFG application, the Fire Department is seeking grant funding to purchase 25 new cardiac monitor/defibrillators, enough to place one on each of our 14 fire engines, 3 rescue squads, 4 reserve engines and 1 EMS/Training vehicle.

On average, the Fire Department responds to over 30,722 calls annually, of which about 66% or 20,300 are EMS-related. Cardiac monitor/defibrillators are used routinely on every medical aid call to monitor patient vital signs and relay critical information directly to hospitals, improving outcomes for heart attack, stroke and trauma patients. New monitors offer many technological improvements over our existing equipment, including carbon monoxide and carbon dioxide monitoring with data transmission, Cardio Pulmonary Resuscitation (CPR) guidance with immediate feedback, cardiac algorithms that can detect heart attacks in children, and the ability to readily capture CPR performance data for post-event review and improvement.

Patient monitoring is the cornerstone of EMS response, and the upgrade to new monitors will dramatically improve Fire's ability to provide the highest level of pre-hospital patient care to our residents. Numerous studies have shown that high quality CPR and early defibrillation increase survivability in cardiac arrest. With a useful service life of 8 years, new cardiac monitor/defibrillators are an important investment in the health and safety of our community.

Award notification is anticipated within 12 months.

FISCAL IMPACT:

The estimated cost for new cardiac monitor/defibrillator equipment is \$1,070,632. If awarded, the AFG program will fund 90% of the total cost, or \$973,302. The Fire Department will return to the City Council upon grant notification to request a supplemental appropriation from Fire Equipment Refresh account 0000720-225891 for the required 10% match, up to \$97,330.

Prepared by:	Michael D. Moore, Fire Chief
Certified as to availability of funds:	Brent A. Mason, Finance Director/Treasurer
Approved by:	Alexander T. Nguyen, Assistant City Manager
Approved as to form:	Gary G. Geuss, City Attorney