



CITY OF KIRKLAND

Fire Department · 123 Fifth Avenue, Kirkland, WA 98033
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MEMORANDUM

To: Kurt Triplett, City Manager

From: Dave Van Valkenburg, Deputy Fire Chief
Joel Bodenman, Emergency Medical Services (EMS) Officer

Date: 3/21/2019

Subject: COMMUNITY AUTOMATIC EXTERNAL DEFIBRILLATOR PILOT GRANT PROGRAM

RECOMMENDATION:

Approve the attached Resolution and selection criteria authorizing the City Manager to start the pilot Community Automatic External Defibrillator Pilot Grant Program.

BACKGROUND:

City Council has recognized the importance of public access automatic external defibrillation units (AEDs) in our community. The use of an AED increases the chance of survival from sudden cardiac arrest by 30 percent.

In 2015, the Kirkland City Council explored the concept of introducing AEDs into the community to provide increased access during emergencies. The initial plan was to establish a Public Access AED Opportunity Fund to distribute AEDs to high use or high risk locations. One-time funding was allocated for the purchase and distribution of AEDs. As stated in the 2015-16 budget, this service package request was to match grant funding for public access AEDs in Kirkland. With the addition of grant funding, the proposal would have provided funding to install AEDs in heated, monitored, weatherproof cabinets in public outdoor spaces.

Since that time, there have been a few factors that have delayed this process. The manufacturer was unable to produce AEDs due to a federal recall, delaying delivery of the products until 2018. Upon further research, it was determined that encouraging the public to go to a nearby box to attain an AED would possibly keep them from accessing 911 and providing cardiopulmonary resuscitation (CPR). Furthermore, there were technical and financial limitations to placing the AEDs in secure monitored storage boxes around the community. Staff has determined that the best use of resources was to develop an AED Grant Program to place the defibrillators with organizations, businesses, and non-profit agencies in our community.

The intent of the pilot AED Grant Program is to support local organizations in maximizing AED access in our community because such access bridges the gap from time of collapse to the arrival of the Kirkland Fire Department. AEDs coupled with early access to 911 and standard CPR are proven to drastically increase the survivability rate of persons suffering from sudden

cardiac arrest. Survival rates for sudden cardiac arrest in our region consistently rank near the top nationally. Public access AEDs are a vital link in the sudden cardiac arrest chain of survival. AEDs accessible to our community also increase the exceptional quality of life within the City of Kirkland.

The City of Kirkland has twelve AEDs that have already been purchased using the funds the Council allocated. The Fire Department will widely publicize their availability, which will likely result in more requests for AEDs than are currently available. For that reason, staff has developed criteria for how the AEDs will be distributed. Distribution will be based on risk, numbers of people, and whether there are existing AEDs. By approving this Resolution, Council will direct the City Manager to take the necessary action to put the pilot program into place. Staff has also developed a draft ranking matrix (rubric), which follows this memorandum. The City will distribute all AEDs funded by the pilot program on a one-time basis and will report back to Council on who receives the AEDs and the success of the pilot program.

Community Defib Grant Rubric

Criteria	Meets all Expectations (75 Points)	Meets Some Expectations (50 Points)	Falls below ideal Criteria. (25 Points)
Size of the organization (_____points)	30+ persons in the organization.	15-30 in the organization.	1-15 in the organization.
Number of persons trained to use a defib in the organization. (_____points)	5+ persons trained to use a defib.	1-5 persons trained to use a defib.	0-1 persons training to use a defib.
Applicant operates in an area, by geography or demographics, where it is more likely to need a defib. (_____points)	Applicant operates in a dense urban area and includes a high-risk population. *	Applicant operates in either a dense urban area or includes a high-risk population.	Applicant does not operate in a dense urban area and does not include a high-risk population.
Applicant currently owns defib. (_____points)	Applicant does not currently own a defib.	Applicant currently owns 1 or more defibs.	Applicant currently owns 3 or more defibs.
Total Points	(_____ out of 300)		

RESOLUTION R-5370

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND ESTABLISHING A PILOT PROGRAM IN SUPPORT OF PUBLIC SAFETY THROUGH THE DISTRIBUTION OF PUBLIC ACCESS AUTOMATIC EXTERNAL DEFIBRILLATORS.

1 WHEREAS, sudden cardiac arrest is the third leading cause of
2 death for people within the United States, with more than 300,000 cases
3 per year; and
4

5 WHEREAS, when left untreated, sudden cardiac arrest survival
6 rates are about 10 percent, and the use of a public access automatic
7 external defibrillators (AEDs) increases the chance of survival to more
8 than 30 percent; and
9

10 WHEREAS, King County Emergency Medical Services identifies
11 bystander Cardio Pulmonary Resuscitation (CPR) and public access AEDs
12 as two links in the cardiac chain of survival; and
13

14 WHEREAS in recognition of this fact, to improve public safety for
15 residents and businesses, the City Council wishes to institute a pilot
16 program to provide public access defibrillators to areas with high
17 concentrations of people; and
18

19 WHEREAS, public access defibrillators are most effective when
20 available to agencies or organizations based on criteria that include large
21 concentrations of people, high traffic areas, and local businesses with
22 reasonable expectations of high concentrations of residents.
23

24 NOW, THEREFORE, be it resolved by the City Council of the City
25 of Kirkland as follows:
26

27 Section 1. The City Manager is authorized and directed to
28 establish a pilot program whereby the Kirkland Fire Department awards
29 public access AEDs as a grant program to support public health within
30 the boundaries of the City of Kirkland.
31

32 Passed by majority vote of the Kirkland City Council in open
33 meeting this ____ day of _____, 2019.
34

35 Signed in authentication thereof this ____ day of _____, 2019.

Penny Sweet, Mayor

Attest:

Kathi Anderson, City Clerk