RESOLUTION NO. 2374

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, PIERCE COUNTY, WASHINGTON, AUTHORIZING THE MAYOR ACCEPT 29 REFURBISHED AED’S FROM EAST PIERCE FIRE AND RESCUE AS PART OF A 2014 HEART RESCUE PROGRAM COMMUNITY GRANT.

WHEREAS, Bonney Lake Police Department has received 29 refurbished AED to distribute to police personnel to carry in their duty vehicles; and

WHEREAS, East Pierce Fire and Rescue as part of the 2014 Heart Rescue Program Community Grant has given the Bonney Lake Police Department 29 refurbished AED’s; and

WHEREAS, it is understood that the Bonney Lake Police Department will be responsible for the, maintenance, training, storage, proper inventory and use of the refurbished AED’s.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BONNEY LAKE, WASHINGTON DOES RESOLVE AS FOLLOWS:

Section 1. The Mayor is hereby authorized to accept the 29 refurbished AED’s to be used by the Bonney Lake Police Department.

PASSED BY THE CITY COUNCIL this 8th day of April, 2014.

Neil Johnson, Jr., Mayor

ATTEST:

Harwood T. Edvalson, MMC, City Clerk

APPROVED AS TO FORM:

Kathleen Haggard, City Attorney
**Quotation**

Date: 1/15/2014  
Valid Until: 3/16/2014  
Quotation #:  

**Account Name:** East Pierce Fire & Rescue  
**BILL TO:**  
**Account Number:** 110277  
**SHIP TO:** SHIP001  

**Contact Name:** Russ McCallion  
**Phone No:** 253-230-4800  
**Account Manager Amy Turley**  
253-820-5490 amy.turley@boundtree.com  
**Ship Method** Free Freight  
**Payment Terms** Net 30  

<table>
<thead>
<tr>
<th>Item Number</th>
<th>BTM's Description</th>
<th>U/M</th>
<th>Price</th>
<th>Quantity</th>
<th>Extended Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4620-FR2-R</td>
<td>Re-Certified Philips FR2+ AED, No ECG, with 1 set of adult pads, battery, carry case</td>
<td>EA</td>
<td>$545.00</td>
<td>24</td>
<td>$13,080.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Merchandise Total: $13,080.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total: $14,113.32</td>
</tr>
</tbody>
</table>

Sales Tax will be applied to customers who are not tax exempt.  

This quotation is valid until the quote expires or the manufacturer’s price to Bound Tree Medical increases.
MEMORANDUM

DATE: December 6, 2013
TO: Ms. Randi Riesenberg
    King County EMS
FROM: Asst. Chief Russ McCallion, East Pierce Fire & Rescue
CC: Battalion Chief Jeff Moore, Medical Services Officer
SUBJECT: 2014 HeartRescue Program Community Grant Application

Grant Proposal:
East Pierce Fire & Rescue (EPF&R) is requesting funding of a 2014 HeartRescue Grant to purchase AEDs to help us complete a Law Enforcement AED project within our fire district. If funding of $20,000 is provided, East Pierce will utilize those funds to purchase up to 24 refurbished biphasic AEDs to equip all 22 patrol cars for the City of Bonney Lake Police Department (BLPD), and provide one AED to be placed in their jail area, and provide one unit for their public lobby.

East Pierce Fire & Rescue has already equipped more than 35 Sumner, Edgewood and Milton patrol units with AEDs, ensuring that every police officer is deployed with an AED in their unit. Much of this work was accomplished through the award of a 2013 HeartRescue Grant. The joint-partnership of EPF&R with our law enforcement agencies to deploy police AEDs is helping to strengthen our resuscitation program.

East Pierce will absorb the costs of providing initial and ongoing CPR/AED training, repair of AED units, medical direction and quality improvement programs for Bonney Lake PD. BLPD will only need to replace batteries and AED pads as required.

Background:
East Pierce Fire & Rescue serves a suburban and rural population of 85,000 in eastern Pierce County, living in and around Bonney Lake, Sumner, Lake Tapps, the Ridge Communities, South Prairie, Wilkeson, Edgewood and Milton. The district covers 152 square miles, providing fire/EMS services from six (6) staffed stations, each of which has either an ALS engine or Medic unit available, and five (5) volunteer fire stations. East Pierce provides both ALS and BLS transport for patients, with 4,288 patients taken to area hospitals in 2012.

Implementation, and continued improvement, of a high-performance cardiac resuscitation program is a priority for EPF&R. Even during a recession which cut EPF&R revenues by more than 30% in four years, the department continued to support the EMS Division’s resuscitation program management by finally staffing a long planned Medical Services Officer (MSO) position.

East Pierce has continued to implement key resuscitation program components during a time of intense budget pressures, including sending a dozen officers and paramedics to the Resuscitation Academy to create a team of resuscitation advocates. EPF&R has also expanded citizen CPR programs training more than 2,500 people each year. We worked with five school districts to equip all 22 schools in our district with AEDs, and provide semi-annual intensive high-performance CPR training for our own firefighters and paramedics. Since 2010, EPF&R has entered data into WACARES, and uses that data in support of cardiac arrest case debriefs for crews.

The result of these efforts, and other system improvements, has resulted in a greatly improved
EPF&R two-year 2011-2012 witnessed ventricular fibrillation survival rate of 41%.

**Problem Statement: Deployment of AEDs as Part of an Early Defibrillation Program:**

East Pierce has struggled to reduce the time from 9-1-1 call to first defibrillation. For example, our dispatch center has made improvements in call processing time. However, our population is spread out over an extremely large area with only a handful of staffed engines and Medic units. Our department runs 8,300 9-1-1 calls per year—or 23 incidents per day—which means that often the closest EMS units are already committed on calls.

Our average (mean) response time for the first arriving BLS/ALS unit on scene for priority calls in Bonney Lake is 5:35 minutes, with a 90% response time of 8:33 minutes. This results in long delays in “time to first shock”.

Given the suburban and rural nature of most of the East Pierce district, there are limited opportunities to place AEDs in public buildings and businesses in the community, although we are making progress in this area. Most people live in suburban developments or in residential neighborhoods. According to our WACARES data, more than 85% of our patients collapse into cardiac arrest while they are at home.

Based upon our system review, we believe that expansion of our current law-enforcement AED response tier, in which patrol officers are out in the neighborhoods, is our best option for decreasing time to first defibrillation and improving patient survival.

We have equipped all the officers in the Sumner, Edgewood and Milton police departments with AEDs. In 2013, year to date, these officers have utilized their AEDs on four (4) cardiac arrest calls (10% of our total CPR cases). Two patients were defibrillated, both of whom were admitted to the hospital with ROSC, and one patient was discharged neurologically intact. This patient will be making a presentation to the Sumner City Council in January 2014, thanking his police and firefighter rescuers.

Bonney Lake Police Department, serving a city of 18,000 residents, is the last city police department in our district which needs to be equipped with AEDs. If a HeartRescue Grant is awarded to EPF&R, we will be able to equip BLPD with AEDs, resulting in a total of 60 law enforcement AEDs in our fire district.

**Proposal for HeartRescue Grant funding:**

If East Pierce is awarded a HeartRescue Grant for $20,000, the funds will be used as follows:

1. EPF&R will strengthen our community’s “early defibrillation” link by purchasing up to 24 refurbished biphasic AEDs to equip Bonney Lake PD as follows: one each for 22 patrol cars, plus one AED each in the jail and public lobby. All units will be purchased and deployed within 60 days of bid award.

2. The number of AEDs which can be purchased is based upon verbal price quotes from different vendors. If prices go up or funding is reduced once we go out to formal bid, the number of AEDs purchased would be reduced. If bids come in low, we will purchase additional AED trainers.

3. BLPD will sign an agreement accepting the units on “loan” from EPF&R, and acknowledging their responsibility in replacing AED batteries and pads, as required.

4. East Pierce Fire will absorb all additional costs for coordinating the police AED program, including providing initial and on-going CPR/AED training, medical director and QI oversight, provision of case reviews and annual inspections. As part of our on-going WACARES and QI efforts, we will regularly report on police AED performance during training programs and in actual field use.

**Conclusion:**

EPF&R continues to work on improving resuscitation outcomes in our community. A HeartRescue Grant award will allow us to continue to strengthen the “chain of survival” for cardiac arrest victims within our fire district by expanding our law enforcement AED program.
Point of Contact for EPF&R HeartRescue Grant Application:
Asst. Chief Russ McCallion  Phone: 253-863-1800  Email: rmccallion@eastpiercefire.org

2014 Community Grant Application – Washington HeartRescue Program

Purpose of HeartRescue small grants: KC EMS will distribute funds to support the HeartRescue program goals. These goals include cardiac arrest surveillance and projects/programs to improve survival from sudden cardiac arrest throughout Washington State.

GRANT PROPOSAL DUE DATE: 12/10/2013
Email to Randi.Riesenberg@kingcounty.gov

APPLICANT ELIGIBILITY: Applications for HeartRescue grants are by invitation only. To learn more about HeartRescue grant program guidelines or to submit a letter of inquiry, contact Randi Riesenberg.

Goal:
1. To measure EMS treated cardiac arrests by participating in Washington’s Cardiac Arrest Registry to Enhance Survival (CARES).

2. To implement multi-factorial approaches in the pre-hospital setting that have the greatest impact in reducing mortality.

Strategies:
Community grant proposals must include cardiac arrest surveillance through participation in Washington CARES and targeted programs to improve field care for resuscitation. Examples of targeted programs include 1) Specialized training with a skill reporting mannequin 2) Dispatcher-assisted CPR training 3) Dispatcher CPR quality improvement 4) Individual case reviews, such as the review of defibrillator recordings and performance feedback 5) Expanded training in High Performance CPR 6) Law enforcement CPR/AED training 7) Other ideas not listed that target the pre-hospital care of cardiac arrest

Evaluation:
Each program implementation must include a follow up report on the effectiveness and outcome of their chosen strategy.

Minimum Qualifications: Eligible agencies must perform the following:
- Measure cardiac arrest data using Washington CARES.
- Timely entry of data into the CARES web-based registry.
- Use data to “drive” projects / programs.
- Manage funds efficiently and ethically
- Use proven methods or “best practices” for any programs/project/interventions

TIME PERIOD FOR GRANT: Funds must be used and invoiced by 6/30/2014. Agencies will invoice King County EMS - HeartRescue Program as work is done.

Financial reimbursements must include progress report mentioned below.

Agency: East Pierce Fire & Rescue

Applicant Public Manager Name: Russ McCallion  Title: Assistant Chief, EMS & Training
(Grant program contact)

Address: 18421 Veterans Memorial Drive East, Bonney Lake, WA  98391
Telephone: 253-863-1800  Email: rmccallion@eastpiercefire.org
Applicant Agency authorizing official: **Chief Jerry E. Thorson**

Description of Project (2 pages or less, not including financials)
Please attach a description of the following seven elements

1. Brief Problem Identification – Use local data and demographic information in a detailed problem statement. Include target population and geographic area.

2. Project Goal(s) – State what you plan to accomplish in clear, measurable and attainable terms.

3. Project Activities – Explain in detail the project activities along with benchmarks and a timeline.

4. Project Evaluation – How will you evaluate and measure the effectiveness of your project toward achieving your goal(s).

5. Budget Narrative – Provide detailed narrative of what funds you need and how you intend to spend grant funds.

6. List other collaborators/community partners on this project as well as their role in accomplishing reaching your goal(s)

**Budget Summary**

1. Salaries $0

2. Contractual Services $0

3. Equipment or Project materials (list specific items) $20,000
   - @24 refurbished biphasic AEDs, with new pads, Battery, carrying case. All units meet 2010 AHA standards.
   - AED trainers, if vendor bids come in low, to utilize any remaining funds.

4. Total Funds request $20,000

**REPORTING**

Progress reports must accompany an invoice and at the conclusion of the project. Reports must include:

- Accomplishments compared to goals and activities.
- Were activities accomplished as scheduled?
- How could things have been done differently to improve?
City of Bonney Lake, Washington

City Council Agenda Bill (AB)

Department/Staff Contact: Police / Chief Dana Powers

Meeting/Workshop Date: 8 April 2014

Agenda Bill Number: AB14-47

Agenda Item Type: Resolution

Ordinance/Resolution Number: 2347

Councilmember Sponsor: Tom Watson

Agenda Subject: Approval of accepting 24 refurbished AED's from East Pierce Fire and Rescue.

Full Title/Motion: A Resolution of the City Council of the City of Bonney Lake, Pierce County, Washington, Authorizing the Mayor to Accept 29 Refurbished AED's From East Pierce Fire and Rescue 2014 Heart Rescue Program Community Grant.

Administrative Recommendation: Approve.

Background Summary: The Police Department has partnered with East Pierce Fire and Rescue to receive 29 AED's to be deployed in the Bonney Lake Police Department's police vehicles. The AED's grant total was $14,113.32 or $545.00 each AED. The AED's will be inventoried at the police department and handed out to patrol. The grant will not require a report of use from the Bonney Lake Police Department.

Attachments: Grant memo, Refurbished AED quote

BUDGET INFORMATION

Budget Amount 0

Current Balance 0

Required Expenditure 0

Budget Balance 0

Budget Explanation: No Budget Impact to this agreement.

COMMITTEE, BOARD & COMMISSION REVIEW

Council Committee Review: Public Safety Committee

Date: Approvals:
Chair/Councilmember Tom Watson
Councilmember Mark Hamilton
Councilmember James Rackely

Forward to: Consent Agenda: Yes No

Commission/Board Review:

Hearing Examiner Review:

COUNCIL ACTION

Workshop Date(s): Public Hearing Date(s):
Meeting Date(s): 8 April 2014 Tabled to Date:

APPROVALS

Director:

Mayor:

Date Reviewed by City Attorney:
(if applicable)