

Council Business Meeting

May 7, 2019

Agenda Item	Approval of Grant Award from Firehouse Subs Public Safety Foundation	
From	Michael D'Orazi	Fire Chief
Contact	michael.dorazi@ashland.or.us	541-552-2217

SUMMARY

Ashland Fire & Rescue applied to the Firehouse Subs Public Safety Foundation for a grant to pay for replacement of our aging and unreliable thermal imaging cameras. We were notified that we had been awarded the grant and are seeking approval from the City Council to accept this award of \$20,156.00 for the purchase of four thermal imaging cameras.

POLICIES, PLANS & GOALS SUPPORTED

Goal 23. Support innovative programs that protect the community.

Goal 28.5. Identify and apply for grant opportunities.

PREVIOUS COUNCIL ACTION

N/A

BACKGROUND AND ADDITIONAL INFORMATION

A Thermal Imaging Camera (TIC) detects infrared energy or heat and translates these levels into a visible image. All objects have a certain temperature and emit energy waves known as infrared radiation. Hot objects emit more waves than cooler objects. A TIC can translate these waves into images without any light, allowing Firefighters to have a clear picture of a smoke-filled room even in total darkness. TIC's have multiple functions for fire departments. Of all the operations in which a TIC can improve firefighting efforts, this technology has the most dramatic impact when searching for victims caught in a building fire. Imagine having to search the room you are currently in, in total darkness. Without a thermal imager, firefighters have to search rooms in a burning building by crawling on their hands and knees and feeling their way through blinding smoke to find trapped victims. Recovery rates in these operations are low, since firefighters are forced to rely on physical contact alone to locate victims. The sooner a person is removed from the toxic smoke the better their chance of survival. Firefighters using TIC's can see through the smoke and darkness, which enables them to quickly navigate and identify victims.

Firefighters can also utilize Thermal Imagers to obtain early information about the fire when they first arrive. The TIC provides valuable information to fire attack crews, which previously wasn't available due to poor visibility. Utilizing the images from the camera, the crew can find their way and attack the heart of the fire. Structural integrity of the building can also be assessed, helping firefighters remain safe and identify alternate escape routes if needed. After the fire is out, firefighters overhaul the area of the fire to ensure that there are no hidden fires or smoldering materials that could cause the fire to reignite. Thermal Imagers identify these hot spots quickly and efficiently, helping minimize the risk of a rekindle, ultimately reducing property damage. At motor vehicle crashes, the Thermal Imagers have been used to help verify the number of victims by the trace of heat left on the vehicle's seat. At night, a Thermal Imager can be used to look for individuals who were thrown from the vehicle or keep track of emergency responders working at the scene.

With funding from this grant, Ashland Fire & Rescue would be able to purchase 4 thermal Imaging cameras to help firefighters see in environments with low or no visibility. Not only will this increase our abilities during life rescue and fire suppression, it will also provide additional safety for the fire department personnel.

FISCAL IMPACTS

There are no matching funds required for this grant.

STAFF RECOMMENDATION

Staff recommends approval to accept this grant award.

ACTIONS, OPTIONS & POTENTIAL MOTIONS

I move to approve the grant award in the amount of \$20,156.00 from the Firehouse Subs Public Safety Foundation to Ashland Fire & Rescue for the purchase of four thermal imaging cameras and accessories.

REFERENCES & ATTACHMENTS

Attachment 1: Grant Application

Please do not submit this PDF, it is for reference only. Our grant application process is entirely digital.

APPLICANT AND DEPARTMENT INFORMATION

First Name David	Last Name Roselip	Email Address david.roselip@ashland.or.us	Department Tax ID# 93-6002117
Organization/Department Ashland Fire & Rescue	Alternate Name Michael D'Orazi	Alternate Email michael.dorazi@ashland.or.us	
Address Line 1 455 SISKIYOU BLVD		City ASHLAND	
Address Line 2		State OR	Zip 97520
Shipping Address Line 1 455 SISKIYOU BLVD		Shipping City ASHLAND	
Shipping Address Line 2		Shipping State OR	Shipping Zip 97520
Organization Phone Number 541-482-2770	Alternate Contact Number 510-775-7001	Communities Served Ashland OR, Talent Oregon	Population 21,117
Number of Runs Per Year 4187			
Local Approval Pre-qualifications Our jurisdiction does not require pre-approval from local officials.			

APPLICATION REQUEST INFORMATION

The type of grant you are requesting: Equipment	What is the EXACT cost of the equipment? 20156.00
Variances in the amounts requested will be the responsibility of the grant recipient to pay directly? Yes	
What Equipment are you requesting for your department? (2) Argus MI-TIC S 3.5" display w/spare battery, truck/desk top charger, gear keeper lanyard and data cable (2) Argus MI-TIC #, 2.7" display w/ spare battery, truck/desk charger, gear	Briefly explain how the equipment will benefit your community and your department. This equipment benefits Ashland & its Fire Department in two ways; By replacing failing equipment and providing a force multiplier for fire operations.
Vendor Company Name Cascade Fire Equipment	Sales Representative Name Jim Albright
Sales Representative Email jim@cascafire.com	
This would have a direct impact on more than 0 children in our community.	This would have a direct impact on more than 0 senior citizens in our community.
What materials are you requesting for your department? Field not required for this category of request	
What is the amount of funding you are requesting? Field not required for this category of request	Please provide a detailed description of how the funding will assist your department: Field not required for this category of request

COMMUNITY IMPACT

Have you successfully reached out to the city for funds to purchase the equipment? All unscheduled purchases in all City departments are subject to a budget freeze and ineligible for consideration. Departments have been put on notice to expect decreases in available funds in the foreseeable future if any. What positive effects will the equipment specifically have? Please use statistics when possible. This equipment would have clear and straightforward effects on Department operations and safety. By enabling firefighters to see dangerous	Was there a particular instance where a life would have been positively impacted if you would have had the equipment available? This summer our Department responded to a structure fire in a residence which had undergone significant amateur remodeling and which featured a number of concealed void spaces. The limited effectiveness of our current TIs contributed to a rekindle which witnessed a complete failure of our backup TI to function, increasing the time frame for exposure to hazardous conditions to every one involved.
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FIREHOUSE SUBS RELATIONSHIP

Address of Firehouse Subs location nearest you. 625 Medford Ctr, Medford, OR 97504	How far is this location from your department? 27 Miles
How did you hear about our organization? Multiple neighboring Departments have applied to this foundation. Shortly thereafter your efforts were featured in a local newspaper.	Has your department received funding from Firehouse Subs Public Safety Foundation in the past? No

If approved for funding, we will host a press event at the Firehouse Subs restaurant nearest you. We ask that all PR be coordinated by our Foundation, but of course we will work in conjunction with your PR team as well as the PIO of your department.

Initial Acceptance David Rose	PIO Email: chris.chambers@ashland.or.us
PIO (Public Information Officer) Name: Chris Chambers	PIO Phone Number: 541-482-2770

Please note, there are different categories of funding within the grant application, therefore the printed PDF document may contain some open blank fields. Please do not contact the Foundation if fields appear blank.