

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Anchorage****Project Title:**

Anchorage - Fire Department Station 5 Thermal Imaging Camera

State Funding Requested: \$ 13,000**House District: 26 - M**

One-Time Need

Brief Project Description:

Purchase a thermal imaging camera for Anchorage's Fire Station #5.

Funding Plan:**Total Cost of Project: \$13,000**Funding Secured*Amount FY*Other Pending Requests*Amount FY*Anticipated Future Need*Amount FY*

There is no other funding needed

Detailed Project Description and Justification:

This request is a public Safety Priority. The thermal imaging camera has become an essential tool in the fire service over the last decade and a piece of equipment no department should be without. Currently Fire Station #5 is equipped with an older model TIC; while usable is outdated. A new generation TIC on Truck 5 to perform rescue coupled with the older TIC on Engine 5 for rapid fire attack will offer vastly increased tactical efficiency. Essentially this translates to more lives saved for both fire victims and firefighters. Today's TIC's have features that make current models obsolete. Such features include an Ultra High Resolution 320x240 heat detector, Super Red Hot colorization highlighting differences in heat conditions, a 50 degree horizontal view and 80 degree display viewing angle, as well as a 16x9 aspect ration allowing for a larger view of the search room. A new innovation in the latest models is the ability of the unit to transmit a signal outside of the involved structure to Command staff; this will provide them with the same picture that interior crews are seeing. The Bullard T-4 camera has the above features and innovations and would be a valuable addition to their department and greatly benefit the community.

Project Timeline:

The \$13,000 will be used immediately to purchase a Bullard T-4 TIC.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Anchorage Fire Department

Grant Recipient Contact Information:

Contact Name: Sr. Capt. Richard Hood

Phone Number: 907-267-5005

Address: 100 E. 4th Ave., Anchorage, AK 99501

Email: HoodRA@ci.anchorage.ak.us

Has this project been through a public review process at the local level and is it a community priority? ☐ Yes ☒ No

Anchorage Fire Department Fire Station 5

Prioritized funding requests for equipment/facility upgrades

1. Thermal Imaging Camera (TIC)

The thermal imaging camera has become an essential tool in the fire service over the last decade and a piece of equipment no department should be without. Currently we are equipped with an older model TIC; while usable an updated model would better suit our needs and allow us to better effect a life rescue in a faster and more efficient manner. A new generation TIC on Truck 5 to perform rescue coupled with our outdated TIC on Engine 5 for rapid fire attack will offer vastly increased tactical efficiency. Essentially this translates to more lives saved for both fire victims and firefighters. Today's TIC's have features that make current models obsolete. Such features include an Ultra High Resolution 320x240 heat detector, Super Red Hot colorization highlighting differences in heat conditions, a 50 degree horizontal view and 80 degree display viewing angle, as well as a 16 x 9 aspect ratio allowing for a larger view of the search room. These new models have color screens allowing the user to easily visualize temperature variations as well as crosshairs to obtain precise temperatures when aiming at a specific target. A new innovation in the latest models is the ability of the unit to transmit a signal outside of the involved structure to Command staff; this will provide them with the same picture that interior crews are seeing. The Bullard T-4 camera has the above features and innovations and would be a valuable addition to our department and greatly benefit the community.

We request \$13,000 to purchase a Bullard T-4 TIC.

2. Floor for fitness room.

Station 5 has an exercise room that is used by firefighters to maintain their physical fitness for job performance and personal health and longevity. While this converted ambulance bay had adequate space, the flooring continues to be an issue. The floor itself has a drain running the width and is not level, sloping in from the wall. The current flooring surface was acquired several years ago, used, from APD when they received new flooring. This flooring has been useful but now has reached the end of its life span. The surface is slick and worn raising safety concerns. It is made up of linkable pieces allowing moisture underneath which raises sanitation and health concerns.

What we are requesting is funding to have the drain filled and sealed, the floor leveled and a new gym quality floor surface installed. We estimate this could be accomplished for \$10,000.

3. High speed treadmill.

High intensity interval training (HIIT) on a high speed treadmill is used to condition the body for typical firefighting exertion levels. A high speed treadmill can achieve speeds of 12 mph and an incline of 15% (these requirements are specific to simulate fire ground conditions).

We request \$6,000 to purchase a high speed treadmill.

We respectfully request that you consider these enhancements to the community and the firefighters of Station 5. Please feel free to contact me at any time if you have any questions.

Senior Captain Richard Hood
<mailto:hoodra@muni.org>
267-5005