

GRANT TRACKING FORM



PART #1: Notification of Grant Funds

(email to tony.saucerman@appleton.org)

APPLICANT DEPARTMENT: Appleton Fire Department

DATE: 2/06/2019

APPLICANT DEPARTMENT GRANT CONTACT NAME/TITLE: Jeremy Hansen/Fire Chief

COMMITTEE OF JURISDICTION: Safety & Licensing Committee

NAME OF GRANT/FUNDING SOURCE: Jeremiah Lucey Grant Program

AMOUNT OF GRANT REQUEST: \$20,000

LOCAL MATCH REQUIREMENT: N/A

SOURCE OF MATCH: General Fund Non-General Fund Not Applicable

TIMEFRAME OF GRANT: 08/15/2019 through 12/15/2019

TYPE OF GRANT REQUEST: Monetary Other (explain under 'purpose of grant')

PURPOSE OF GRANT (summary): This grant will allow the fire department to acquire two particulate hoods per firefighter. The particulate hoods provide firefighters increased protection from the harmful byproducts of fire.

How does the grant meet City/Department/Program goals? The grant will improve the long-term health of firefighters by protecting them from the harmful byproducts of fire.

What are the personnel requirements (include both existing and new staff) of the grant? There are no additional requirements of personnel other than training on the fit and maintenance of the new PPE.

DEPARTMENT HEAD SIGNATURE: _____

PART #2: Request to Accept Grant Funds

(complete after notification of grant award; email to tony.saucerman@appleton.org)

AMOUNT OF GRANT AWARD: \$ _____

FEDERAL/STATE ID #: _____

LOCAL MATCH REQUIREMENT: \$ _____

Please describe the source of match, if applicable: _____

Please describe any major changes in proposed grant-funded activities: _____

<i>PART</i>	<i>TO:</i>	<i>DATE:</i>	<i>TO:</i>	<i>DATE:</i>	<i>TO:</i>	<i>DATE:</i>
#1: Request to Apply	Finance Dept		COJ – Info/Action		FAC – Info/Action	
#2: Request to Accept	Finance Dept		COJ – Action		FAC – Action	

COJ = Committee of Jurisdiction

FAC = Finance and Administration Committee

Leary Foundation Grant

Information about your department

The Appleton Fire Department (AFD) is responsible for emergency medical services, fire suppression, mitigation of disasters, and rescue and extrication activities. Specialized teams (Special Operations) include the Hazardous Materials Response Team, the Technical Rescue Team, Confined Space Rescue, Swift Water Rescue, Technical Rope Rescue and Trench Rescue. Specialized rescue services are provided for the City of Appleton and many of the firefighters are also members of the State of WI technical rescue team. The AFD is a State Type II Hazardous Materials Response Team and is also one of two departments that provide radiological survey response for the entire State of Wisconsin.

Responding to emergencies consumes a large portion our of time. On average, the fire department responds to 4,000 calls yearly. When not responding to emergencies, staff spends time training and conducting inspections. Inspections are completed for commercial and multi-family facilities to ensure compliance with the national and local fire and life safety codes.

When not responding to emergencies, training or conducting inspections, crews conduct fire station tours, participate in community special events, and give fire and life safety presentations.

Name of department, town/city, state, and zip code – *Appleton Fire Department; Appleton, WI 54911*

Paid or volunteer department – *All paid personnel*

Department size – *87 Career Suppression personnel and 10 support personnel*

The population of your town/city and any surrounding areas that your department serves

The City of Appleton is the hub of a larger community known as the Fox Cities located in northeast Wisconsin. According to the US Census the population for the City of Appleton was 74,370, while the whole Fox Cities Community was around 300,000 people. The City of Appleton's size is almost 25 square miles with new growth every year. Appleton recognizes the importance of working with outside partners and as a result has automatic aid agreements with the Grand Chute Fire Department and Neenah/Menasha Fire Rescue as well as mutual aid through MABAS with numerous other surrounding communities.

Information about your grant request

Nationwide there has been a rise in cancer in firefighters. Firefighters turnout gear (coat, pants, gloves, and footwear) are designed with multiple layers that protect against moisture, as well as heat and flame dangers, but act as sponges for contaminants that can work their way onto firefighters' skin if not properly laundered. As a result the cancerous chemicals are absorbed into the skin. Other pieces of the firefighters' ensembles, specifically the hood is not designed to protect against many chemicals released during a fire. Recently though, many manufacturers have created a firefighting hood that protects just as effectively against heat and fire, and also protects against particulates. The difference between the current hood and the new particulate hoods is protection down to .1 microns compared to 2.5 microns with the older style being currently used. While the difference being measured is small and is measured in microns, the result is large in the number of chemicals that can be effectively blocked. The new particulate hoods will also allow for the AFD to be in compliance with the 2018 NFPA 1971 Standard.

Type of grant – training, equipment, and/or technology – *Equipment*

Estimated value of the grant your department is requesting

\$20,000; \$110 per hood (estimate based upon the internet – cost should be cheaper based upon large quantity purchase direct from a vendor).

90 personnel - \$110 per hood – 2 hoods per person (in order to be protected immediately following a fire and continue on with shift)

Description of how the grant will be utilized and timeline for implementation

The grant would be implemented immediately. All personnel would be provided with two (2) particulate firefighting hoods. The first hood would be for immediate use, and the second set would be utilized when the first hood was being laundered or sent in for repairs. This way the firefighter would always be protected from the harmful byproducts of fire. The hoods are designed to work the same way that current hoods do so training time would be negligible.

Why your department is requesting this grant, including challenges your department faces

Cancer has been and continues to be a large concern for firefighters across the country. While the AFD has made many improvements to protecting the safety of the firefighters, this is a remaining piece that has been difficult to implement due to the cost of the hoods. This type of purchase would need to be funded as an operations expense and the amount necessary would just not be feasible. Also with the Governor of Wisconsin placing a tax levy limit which restricts municipalities' abilities to raise taxes the option to make this purchase a capital purchase is also not feasible.

What steps have been taken and/or commitments made by your department/jurisdiction to try to meet this need of the department?

The AFD has taken many steps to lessen the potential for firefighters to be exposed to cancerous causing agents released at a fire. Policy changes have been implemented to require the use of Self Contained Breathing Apparatus (SCBA) for all activities conducted at a fire scene including overhaul. If heavily contaminated the firefighters are advised to hose off as much contaminants as possible prior to even leaving the scene. The AFD has also purchased a second set of structural turnout gear so that immediately following a fire, the firefighter can launder the contaminated set and continue with their shift without continuous exposure to the chemicals. If the contaminant is severe then it is shipped out to a specialized cleaning company. Another effort implemented is the use of wipes for the face neck and hands immediately following a fire. The AFD has also directed all firefighters to take a shower as soon as they return to quarters following a fire. All suppression gear (clean and dirty) are not allowed in the living quarters to help prevent the potential of secondary contamination.

Indicate if you have reached out to your municipality for funding. Reference any other sources being approached for support of this project.

The budget for this type of item and the amount required would not be feasible under current budget conditions. The City of Appleton is not able to find the money for this type of purchase in other budgets either as other departments have been asked to cut their budgets already. The only way that the AFD is going to acquire the particulate hoods is through grants or donation.