

**VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL MEETING
NOVEMBER 19, 2013 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
2013 Assistance to Firefighters Grant Application	✓ Resolution Ordinance Motion Discussion Only	James Jackson Fire Chief

SYNOPSIS

A resolution has been prepared to authorize submission of a grant application to the Department of Homeland Security requesting federal funding in the amount of \$50,000.00 to support the purchase of thermal imaging cameras.

STRATEGIC PLAN ALIGNMENT

The Strategic Goals for 2011-2018 identified *Exceptional Municipal Services*.

FISCAL IMPACT

The estimated project cost is \$50,000 of which the Village is required to provide \$5,000.00 (10% of total project costs) as the match component if awarded. The FY14 budget includes this funding in the General Fund.

RECOMMENDATION

Approval on the November 19, 2013 consent agenda.

BACKGROUND

The Village is submitting a grant application to fund the replacement of thermal imaging cameras, which are used to search for trapped individuals in the dense, dark smoke produced by fires, as well as for outdoor search and rescue (missing persons), sizing up fire conditions and monitoring situations in hazardous material incidents. The Village's current thermal imaging cameras are beyond their life expectancy and repairs are becoming a common occurrence due to age. New thermal imaging cameras will provide the most current technology updates to meet new industry standards as well as provide reliability.

The application is due on December 6, 2013.

ATTACHMENTS

Resolution
Application

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF GRANT APPLICATION TO THE
US DEPARTMENT OF HOMELAND SECURITY FOR
2013 ASSISTANCE TO FIREFIGHTERS GRANT PROGRAM**

WHEREAS, the Village of Downers Grove, an Illinois municipal corporation, has developed a grant application 2013 Assistance to Firefighters Grant Program for funding in the total amount of \$50,000.00 for the acquisition of thermal imaging cameras; and

WHEREAS, the Village Council has authorized the filing of said application with the US Department of Homeland Security.

NOW, THEREFORE, be it resolved by the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the 2013 Assistance to Firefighters Grant Program application of the Village of Downers Grove in the amount of \$50,000.00 for the acquisition of thermal imaging cameras to the US Department of Homeland Security.

2. That the Village of Downers Grove agrees to the conditions required by the grant application.

3. That this resolution shall be in full force and effect from and after its passage as provided by law.

Mayor

Passed:

Attest: _____
Village Clerk

Overview

***Did you attend one of the workshops conducted by DHS's regional fire program specialist?**

Yes, I have attended workshop

***Was a workshop within two hours' drive?**

Yes

*** Are you a member, or are you currently involved in the management, of the fire department or non-affiliated EMS organization or a State Fire Training Academy applying for this grant with this application?**

Yes, I am a member/officer of this applicant

If you answered No, please **complete** the information below. If you answered Yes, please skip the Preparer Information section.

Fields marked with an * are required.

Preparer Information

* Preparer's Name

* Address 1

Address 2

* City

* State

* Zip

[Need help for ZIP+4?](#)

In the space below please list the person your organization has selected to be the primary point of contact for this grant. This should be a Chief Officer or long time member of the organization who will see this grant through completion. Reminder: if this person changes at any time during the period of performance please update this information. Please list only phone numbers where we can get in direct contact with the POC.

Primary Point of Contact

* Title

Grants Coordinator

Prefix (check one)

Mrs.

* First Name

Kathleen

Middle Initial

A

* Last Name

DesMarteau

* Business Phone (e.g. 123-456-7890)

630-434-5580 Ext.

* Home Phone (e.g. 123-456-7890)

630-960-3211 Ext.

Mobile Phone/Pager (e.g. 123-456-7890)

Fax (e.g. 123-456-7890)

630-434-5571

* Email (e.g. user@xyz.org)

kdesmarteau@downers.us

Contact Information

Alternate Contact Information Number 1

* Title	Deputy Chief-Operations
Prefix	Mr.
* First Name	Jeff
Middle Initial	
* Last Name	Pindelski
* Business Phone	630-434-5994 Ext.
* Home Phone	630-768-9509 Ext.
Mobile Phone/Pager	
Fax	630-434-5571
* Email	jpindelski@downers.us

Alternate Contact Information Number 2

* Title	Fire Chief
Prefix	Mr.
* First Name	Jim
Middle Initial	
* Last Name	Jackson
* Business Phone	630-434-5987 Ext.
* Home Phone	630-816-2546 Ext.
Mobile Phone/Pager	
Fax	630-434-5571
* Email	jjackson@downers.us

Applicant Information

* Organization Name	Village of Downers Grove
* Type of Applicant	Fire Department/Fire District
* Type of Jurisdiction Served	Village
If other, please enter the type of Jurisdiction	
Legal name of your jurisdiction	
Note: This information must match your SAM.GOV profile if your organization is using the DUNS number of your Jurisdiction.	Downers Grove, Village of
* <u>Employer Identification Number</u> (e.g. 12-3456789)	
Note: This information must match your SAM.GOV profile.	36-6005857
* What is your organization's 9 digit <u>DUNS Number</u> ? If you were issued a 4 digit number (DUNS plus 4) in addition to your 9 digit number please enter it in the second box. If not, please leave the second box blank.	030899512 (call 1-866-705-5711 to get a DUNS number)
* Is your <u>DUNS Number</u> registered in SAM.gov (System for Award Management previously CCR.gov)?	Yes
* I certify that my organization/entity is actively registered at www.SAM.gov and registration will be renewed annually in compliance with Federal regulations. I acknowledge that the information submitted in this application is accurate, current and consistent with my organization's/entity's SAM.gov record.	☒
Headquarters or Main Station Physical Address	
* Physical Address 1	801 Burlington Avenue
Physical Address 2	
* City	Downers Grove
* State	Illinois
* Zip	60515 - 4782 Need help for ZIP+4?
Mailing Address	
* Mailing Address 1	801 Burlington Avenue
Mailing Address 2	
* City	Downers Grove
* State	Illinois
* Zip	60515 - 4782 Need help for ZIP+4?
* Please describe all grants that you have received from DHS, for example, 2008 AFG grant for a vehicle or 2010 HSGP grant for exercises. (Enter N/A if Not Applicable).	
1999-2000 FEMA Snow Storm	
2000-2001 FEMA Snow Storm	
2002-2003 FEMA Website Development	
2004 FEMA AFG Air Compressor/Cascade System	

2005/2006 FEMA AFG SCBA Units
2007 FEMA AFG Firefighter Turnout Gear
2008 FEMA Public Assistance-Flooding
2008 FEMA Deployment to Hurricane Gustav/Katrina
2011 FEMA Public Assistance Winter Storm

Account Information

Note: This information must match your SAM.GOV profile.

* Type of bank account Checking

* Bank routing number - 9 digit number on the bottom
left hand corner of your check

* Your account number

Additional Information

* For this fiscal year (Federal) is your organization
receiving Federal funding from any other grant
program that may duplicate the purpose and/or scope
of this grant request? No

* If awarded the AFG grant, will your organization
expend more than \$500,000 in Federal funds during
your organization's fiscal year? No

* Is the applicant delinquent on any Federal debt? No

If you answered yes to any of the additional questions above, please provide an explanation in the space provided below:

Fire Department/Fire District Department Characteristics (Part I)

* Are you a member of a Federal Fire Department or contracted by the Federal government and solely responsible for suppression of fires on Federal property? No

* What kind of organization do you represent? All Paid/Career

If you answered combination, above, what is the percentage of career members in your organization? %

If you answered volunteer or combination or paid on-call, how many of your volunteer Firefighters are paid members from another career department?

* What type of community does your organization serve? Suburban

* Is your Organization considered a Metro Department? No

* What is the square mileage of your first-due response area? 14.5
Primary/First Due Response Area is a geographical area proximate to a fire or rescue facility and normally served by the personnel and apparatus from that facility in the event of a fire or other emergency and does not include daily or seasonal population surges.

* What percentage of your response area is protected by hydrants? 100 %

* In what county/parish is your organization physically located? If you have more than one station, in what county/parish is your main station located? DuPage

* Does your organization protect critical infrastructure of the state? Yes

* How much of your jurisdiction's land use is for agriculture, wildland, open space, or undeveloped properties? 13 %

* What percentage of your jurisdiction's land use is for commercial and industrial purposes? 20 %

* What percentage of your jurisdiction's land is used for residential purposes? 67 %

* How many occupied structures (commercial, industrial, residential, or institutional) in your jurisdiction are more than three stories tall? Do not include structures which are not regularly occupied such as silos, towers, steeples, etc. 228

* What is the permanent resident population of your Primary/First-Due Response Area or jurisdiction served? 47833

* Do you have a seasonal increase in population? No

If "Yes" what is your seasonal increase in population?

* How many active firefighters does your department

have who perform firefighting duties? 70

* How many members in your department/organization are trained to the level of EMT-I or higher? 51

Do you have Community Paramedics ? No

* How many stations are operated by your organization? 4

* Is your department compliant to your local Emergency Management standard for the National Incident Management System (NIMS)? Yes

* Do you currently report to the National Fire Incident Reporting System (NFIRS)? Yes

Note: You will be required to report to NFIRS for the entire period of the grant.

If you answered yes above, please enter your FDIN/FDID DD152

* What percent of your active firefighters are trained to the level of Firefighter I? 100 %

* What percent of your active firefighters are trained to the level of Firefighter II? 100 %

If you answered less than 100% to either question above, are you requesting for training funds in this application to bring 100% of your firefighters into compliance with NFPA 1001?

If you indicated that less than 100% of your firefighters are trained to the Firefighter II level and you are not asking for training funds to bring everyone to the FF II level in this application! Please describe in the box to the right your training program and your plans to bring your membership up to Firefighter II.

* What services does your organization provide?

Structural Fire Suppression	Emergency Medical Responder	Haz-Mat Operational Level
	Basic Life Support	Haz-Mat Technical Level
	Advanced Life Support	Rescue Operational Level
	Formal/Year-Round Fire Prevention Program	Rescue Technical Level

* Please describe your organization and/or community that you serve. We recommend typing your response in a Word Document outside of this application, then copying and pasting it into the written field. There is a 4000 character limit.

The Village of Downers Grove Fire Department takes great pride in its rich history of providing exemplary fire, medical and other emergency services to the our residents, businesses and visitors. The Fire Department supports the Village's Strategic Plan Goal of Exceptional Municipal Services by providing top quality core services responsive to current and future community and resident needs.

The Downers Grove Fire Department is a municipal department with a primary response area of 14.5 square miles. Within the Village's jurisdiction, there are two major transportation routes: Interstates I-355 and I-88 and we are located at the crossroads of Interstates I-294 and I-55. We are located less than 30 minutes from O'Hare and Midway International Airports. The Village is situated along a major railway serving the area surrounding Chicago and the United States. A minimum of 170 trains pass through the center of the Village each weekday. The population of Downers Grove is currently 47,833. The daytime population easily escalates to over 150,000. The Village is predominately residential; however, Downers Grove is home to more than 2,850 businesses including corporate business parks, shopping districts, hotels, and two universities. The majority of these businesses are located in three large commercial areas and two industrial zones.

The Fire Department provides 24-hour Fire Suppression, Rescue, and Emergency Medical Services, and overall Village Emergency Management Coordination to the community. The Fire Department also provides hazardous materials response which includes domestic terrorism response capabilities. Specialized rescue capabilities

such as high angle rescue, trench rescue, structural collapse and confined space rescue services are also provided by the Fire Department.

The Fire Department also provides Fire Prevention, Fire Inspection and Arson Investigation services to the Community. The Fire Prevention Bureau performs regular inspections of commercial and institutional occupancies as well as the common areas of multi-family occupancies. The Fire Prevention Bureau works in concert with the Village Community Development Department in completion of fire plan reviews, occupancy approvals, fire pump and sprinkler system testing.

The Fire Department's Public Education Division delivers award winning and nationally recognized fire and life safety education to pre-school, grade school, and high school students. The Public Education Division also delivers Fire and Life Safety Education programs to businesses, civic groups, and senior citizens. The Public Education Division also performs educational facility and high rise evacuation drills. Many of Downers Grove's programs have received National Awards or recognition and are often copied by Fire Departments across the country.

2013 Budget:

Personnel \$11,528,885

Supplies \$188,145

Professional & Technical Services \$252,880

Other Contractual Services \$82,600

Claims & Debt \$1,375,225

Controlled Assets \$31,160

2013 Adopted Fire Department Budget: \$13,458,895

2012 Highlights:

- Restructured Fire Prevention Division;
- Revised emergency response protocols to create efficiency;
- Hired new Firefighters to replace retirees;
- Enhanced life safety inspection program;
- Implemented cloud-based data collection for Fire Prevention;
- Placed glydescope (advanced airway placement camera) in service on front line ambulances;
- Completed in-house training for Pre-Hospital Trauma Life Support certification;
- Implemented Fire Radio 700 System funded by Du Page County to improve interoperability between agencies.

2013 Objectives:

- Complete Firefighter Testing Process;
- Continue Pre-emergency Planning of buildings throughout the Village;
- Complete ISO Reevaluation;
- Replace Engine 5;
- Provide CPR training for the public;
- Continue in-house training for National Certifications.

Fire Department Characteristics (Part II)

	2012	2011	2010
* What is the total number of fire-related civilian fatalities in your jurisdiction over the last three years?	0	0	0
* What is the total number of fire-related civilian injuries in your jurisdiction over the last three years?	2	3	3
* What is the total number of line of duty member fatalities in your jurisdiction over the last three years?	0	0	0
* What is the total number of line of duty member injuries in your jurisdiction over the last three years?	9	15	14
* Over the last three years, what was your organization's average operating budget?		13067066	
* What percentage of your TOTAL budget is dedicated to personnel costs (salary, overtime and fringe benefits)?		86 %	
* What percentage of your annual operating budget is derived from: Enter numbers only, percentages must sum up to 100%			
Taxes?	91 %		
<u>EMS Billing?</u>	8 %		
Grants?	0 %		
Donations?	0 %		
Fund drives?	0 %		
<u>Fee for Service?</u>	1 %		
Other?	0 %		

If you entered a value into Other field (other than 0), please explain

Does your organization intend to provide a financial match greater than the required amount? No

If yes, how much additional funds is you department/agency willing to contribute? Please fill in the amount in the box to the right. \$

* Please describe your organization's need for Federal financial assistance. We recommend typing your response in a Word Document outside of this application, then copying and pasting it into the written field. There is a 4000 character limit.

The Village of Downers Grove is committed to the safety of its residents, businesses, and visitors. Federal funding will help the Village meet these needs. Funding of this grant will allow us to maximize the productivity of our current resources and reduce our operating budget. More importantly, funding of this grant will allow our firefighters to operate safely while making the community a safer place to live and conduct business.

The Village is familiar with FEMA's administration of cost sharing requirements and should the Village be awarded the Assistance to Firefighters Grant, we will have a plan in place to obtain the non-federal funding necessary to fulfill the cost sharing requirements in carrying out the project activity.

The state of the economy has created many financial challenges for the Village of Downers Grove. Though not fundamentally poor, the Village continues to invest significant capital to construct and maintain our infrastructure system in a sustainable manner requiring a greater proportion of our revenues. The end result is monies the Village would have used to support the Village's equipment replacement schedule must now be allocated to infrastructure. The Village works towards developing funding alternatives that provide a stable and reliable revenue flow to those funds where cost increases in the future years will exceed available resources. In addition,

we aggressively pursue grant opportunities every year. Our attempts to find other grant funding to meet our equipment needs request has not been successful. Therefore, the Village is seeking funding assistance through the Assistance to Firefighters Grant to fund our equipment needs.

Our fire department's FY 13 budget is \$13,458,893 of which 86 percent supports personnel costs. Labor costs continue to increase due to labor agreements. Currently, just less than five percent of the fire department's budget supports overtime expenses. Health care costs continue to increase every year. Health insurance and pension contributions constitute 25 percent of the total budget or \$3,427,861. As we project our expenses out over the next several years, personnel costs will comprise an even larger proportion of our department budget.

The Village Adopted FY13 Budget is balanced with revenues and expenses of \$41.6 million which is consistent with our Long Range Financial Plan. Four key components of the FY13 Budget are the implementation of a Stormwater Utility, investment in infrastructure improvements, a balanced General Fund and a reduced property tax levy. To get to this balanced budget, significant changes to the budget and operations were made to address a substantial structural financial gap of \$6 million by 2012. Changes included reductions and eliminations of Village services and programs, voluntary and involuntary staffing reductions and revenue enhancements.

The biggest risk to the Adopted FY13 budget is the potential to receive less revenue in the General Fund than is budgeted. Economic conditions could worsen and drive revenues lower than budgeted. Secondly, the State of Illinois may reduce the distribution of state shared revenues such as income tax to municipalities. Staff continually monitors revenue performance on a monthly basis. Should revenues fall short of the budget, the Village would make further expense reductions and additional revenue enhancements.

* How many vehicles does your organization have in each of the types or class of vehicle listed below? **You must include vehicles that are leased or on long-term loan as well as any vehicles that have been ordered or otherwise currently under contract for purchase or lease by your organization but not yet in your possession.** (Enter numbers only and enter 0 if you do not have any of the vehicles below.)

Type or Class of Vehicle	Number of Front Line Apparatus	Number of Reserve Apparatus	Number of Seated Riding Positions
Engines or Pumpers (pumping capacity of 750 gpm or greater and water capacity of 300 gallons or more): Pumper, Pumper/Tanker, Rescue/Pumper, Foam Pumper, CAFS Pumper, Type I or Type II Engine Urban Interface	3	2	25
Ambulances for transport and/or emergency response	3	2	10
Tankers or Tenders (pumping capacity of less than 750 gallons per minute (gpm) and water capacity of 1,000 gallons or more):	0	0	0
Aerial Apparatus: Aerial Ladder Truck, Telescoping, Articulating, Ladder Towers, Platform, Tiller Ladder Truck, Quint	1	0	4
Brush/Quick attack (pumping capacity of less than 750 gpm and water carrying capacity of at least 300 gallons): Brush Truck, Patrol Unit (Pickup w/ Skid Unit), Quick Attack Unit, Mini-Pumper, Type III Engine, Type IV Engine, Type V Engine, Type VI Engine, Type VII Engine	0	0	0
Rescue Vehicles: Rescue Squad, Rescue (Light, Medium, Heavy), Technical Rescue Vehicle, Hazardous Materials Unit	2	0	9
Additional Vehicles: EMS Chase Vehicle, Air/Light Unit, Rehab Units, Bomb Unit, Technical Support (Command, Operational Support/Supply), Hose Tender, Salvage Truck, ARFF (Aircraft Rescue Firefighting), Command/Mobile Communications Vehicle	5	1	24

Department Call Volume

	2012	2011	2010
* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)			
Structural Fires	10	15	14
False Alarms/Good Intent Calls	1070	1341	1494
Vehicle Fires	10	8	11
Vegetation Fires	21	10	20
EMS-BLS Response Calls	1011	1034	1005
EMS-ALS Response Calls	1943	1844	1831
EMS-BLS Scheduled Transports	0	0	0
EMS-ALS Scheduled Transports	0	0	0
Community Paramedic Response Calls	0	0	0
Vehicle Accidents w/o Extrication	240	231	239
Vehicle Extrications	3	2	1
Other Rescue	48	82	26
Hazardous Condition/Materials Calls	145	212	156
Service Calls	805	816	806
Other Calls and Incidents	390	41	45
Total	5696	5636	5648

* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)

What is the total acreage of all vegetation fires?	3	10	2
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* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)

In a particular year, how many times does your organization receive mutual aid?	145	249	164
In a particular year, how many times does your organization receive automatic aid?	113	535	256
In a particular year, how many times does your organization provide mutual aid?	198	211	315
In a particular year, how many times does your organization provide automatic aid?	87	91	71
Total Mutual / Automatic Aid (please total the responses from the previous two blocks)	543	1086	806
Out of the mutual/automatic aid responses, how many were structure fires?	65	75	13

Request Information

1. Select a program for which you are applying. If you are interested in applying under both Vehicle Acquisition and Operations and Safety, and/or regional application **you will need to submit separate applications.**

Program Name

Operations and Safety

2. Will this grant benefit more than one organization?

Yes

If you answered yes, please explain in your narrative statement and list the organization(s) in the form below.

You must enter the Organization name, POC and Phone number and extension (optional).

Organization Name	First Name	Last Name	Phone Number	Action
Westmont Fire Department	David	Weiss	630-981-6400 Ext:	View
Lisle-Woodridge Fire District	Thomas	Freeman	630-353-3000 Ext:	View
Darien-Woodridge Fire District	David	Lambright	630-910-2200 Ext:	View

3. Enter Grant-writing fee associated with the preparation of this request. Enter 0 if there is no fee.

\$0

* From the requested activities, what is the total dollar amount requested for EMS equipment, supplies, training, etc in the Request Details of this application? If none of the items requested are for fire-based EMS, then enter \$0.

\$ 0

* 4. If you are filing for a micro grant (\$25,000 federal share) or less please click the radio button and answer "YES". Please remember that your total request will be limited to \$25,000 or less in Federal funds in the Operations and Safety portion only.

N/A

5. By answering yes to question #4 you are giving up the option to apply under Operations & Safety (Equipment, Modifications to Facilities, Personal Protective Equipment, Training and Wellness & fitness) for more than \$25,000 of Federal funding. Do you agree to this? Do you fully understand this option?

Request Details

The activities for program **Operations and Safety** are listed in the table below.

Activity	Number of Entries	Total Cost	Additional Funding	Action
Equipment	1	\$ 50,000	\$ 0	View Details View Additional Funding Narratives
Modify Facilities	0	\$ 0	\$ 0	View Details
Personal Protective Equipment	0	\$ 0	\$ 0	View Details
Training	0	\$ 0	\$ 0	View Details
Wellness and Fitness Programs	0	\$ 0	\$ 0	View Details
* Total Funding for all EMS requested in this application			\$0	
Grant-writing fee associated with the preparation of this request.			\$0	

Request Details

Fire Department/Fire District Equipment

Item	Number of units	Cost per unit	Total Cost	Action
Thermal Imaging Camera	5	\$ 10,000	\$ 50,000	View Details

Firefighting Equipment - Narrative

* Section # 1 Project Description: In the space provided below include clear and concise details regarding your organization's project's description and budget. This includes providing local statistics to justify the needs of your department and a detailed plan for how your department will implement the proposed project. Further, please describe what you are requesting funding for including budget descriptions of the major budget items, i.e., personnel, equipment, contracts, etc. *3000 characters

The Downers Grove Fire Department takes great pride in its rich history of providing exemplary fire, medical, and other emergency services to the Village of Downers Grove residents, businesses, and visitors.

The Downers Grove Fire Department is requesting grant funding to improve Operations and Safety. Our proposed project is the acquisition of five (5) Thermal Imaging Cameras.

The purchase of these NFPA 1801 Compliant Thermal Imaging Cameras will significantly enhance our safety and abilities during structural firefighting operations, search and rescue scenarios, and other specialized responses. This funding will provide the ability to outfit all front line suppression apparatus with a Thermal Imaging Camera, charging unit, extra battery, and the other applicable accessories for use during responses.

The project will allow the replacement of Thermal Imaging Cameras that are out of NFPA 1801 compliance and lack the new technology available for this critical equipment. The cost for training with this equipment is included in the overall pricing. All training and instructions will be provided internally and at no additional cost.

Breakdown of Requested Grant Funding:

5 Each Thermal Imaging Cameras: \$8,895 Each

Total Cost: \$44,475.00

5 Each Vehicle Charger Kit, Rechargeable Batteries, Lanyard, and Carabiner: \$750.00

Total Cost: \$3750.00

Installation and Parts Expenses: \$1800.00

Total Cost: \$50,000.00

Less Local Match: \$5,000.00

Funding Request: \$45,000.00

The current fire department budget is \$13,458,893 of which 86% supports personnel costs leaving 14% for supplies, contractual services, capital equipment expenses, risk and workers compensation.

* Section # 2 Cost/Benefit: In the space provided below please explain, as clearly as possible, what will be the benefits your department or your community will realize if the project described is funded (i.e. anticipated savings and/or efficiencies)? Is there a high benefit for the cost incurred? Are the costs reasonable? Provide justification for the budget items relating to the cost of the requested items. *3000 characters

The Downers Grove Fire Department is very proud of the leadership role we play in our area and extremely committed to the safety of our firefighters, the residents, businesses, and visitors. The Department provides many services in addition to fire suppression including emergency medical response, technical rescue, hazardous materials and public education. We would like to purchase this equipment that we feel will make our daily operations safer and more efficient. The purchase of these Thermal Imaging Cameras is a much needed efficiency to our entire operation to include the way a firefighter performs the job and safety to the operators and the population served. Each service our firefighters perform presents unique hazards and this equipment will assist in enhancing safety and efficiency.

In return for receiving Federal funding, the Thermal Imaging Cameras will be used frequently during fire suppression, search and rescue, and other specialized operations. This will help ensure our firefighters safety by allowing us to meet our goals to reduce the risk of extended exposure to unsafe environments, to maintain adherence to NFPA standards, and to improve our compliance with NIOSH recommendations for conducting safe search and rescue activities, which altogether result in increased operation efficiency.

Based on the cost-benefit analyses below, we believe the purchase of these Thermal Imaging Cameras to be the most economical solution to improve the safety of our firefighters and the community.

Population vs Cost:

Cost: \$50,000

Population of First Response: 47,833

$\$50,000/47,833 = \1.04 per person

With automatic aid service area: $\$50,000/149,946 = \0.33 per person

Project Benefits:

Increase in Firefighters safety in performing their job

Reduced exposure time in an unsafe environment

Increased efficiency and accuracy in search and rescue activities

Reduced property loss from hidden fires and heat unable to be accurately located

Compliance with NFPA 1801

Compliance with NIOSH recommendations

Increased operation efficiency

Increased firefighter confidence

Over the last 3 years the Downers Grove Fire Department responds to an average of 13 structural fires in our own jurisdiction. In addition to that, we responded both automatic aid and mutual aid to 65 actual structure fires in neighboring jurisdictions in 2012. This shows the potential use of this requested equipment as on average 100 times annually. Therefore, we feel the benefit of using this equipment to enhance our abilities and to provide a safer means of conducting operations in an unsafe environment, far outweighs the cost involved.

Should our project not receive grant funding, the Village will need to reallocate monies in its General Fund and items designated to be purchased in fiscal year 2014 will need to be rescheduled to outlying years.

* Section # 3 Statement of Effect: How would this award affect the daily operations of your department (i.e., describe how frequently the equipment will be used or what the benefits will provide the personnel in your department)? How would this award affect your department's ability to protect lives and property in your community? *3000 characters

There are several benefits to purchasing the Thermal Imaging Cameras. These benefits include:

- The ability to increase safety in conducting search and rescue activities during structural firefighting operations. With limited manpower available on first due fire suppression companies, the ability to conduct a safe and thorough primary search is paramount. The use of a Thermal Imaging Camera allows the firefighter to search an area more quickly and efficiently, which in turn decreases the time he or she is exposed to an unsafe environment.
- The accuracy of a Thermal Imaging Camera is unsurpassed by any other method or technology. The camera allows for the firefighter to identify the location of fire, victims, and other heat sources while conducting search and fire suppression activities. This allows for increase success in finding victims in a timely manner which allows for a greater success rate in rescue and survival.
- The Thermal Imaging Camera will also be utilized to find hidden fires and heat during salvage and overhaul operations. In many cases, fire and heat will exist in hidden voids after the main body of fire is extinguished. This creates the risk of rekindles and extended fire damage. These cameras can be used to locate these hidden fires and are greatly beneficial in limiting further property damage from fire and heat that cannot be readily located. This also reduces the need for extensive damage by creating holes in walls and ceilings in search for these hidden fires.
- The Thermal Imaging Camera can also be utilized in locating and identifying electrical fire hazards that cannot be readily identified by exterior observation. The Thermal Imaging Camera can locate areas that are overheated or arcing within electrical outlets and feeds without the need for creating holes in the wall or conduit. This also assists in preventing unnecessary damage to property.
- The versatility of the Thermal Imaging Camera also creates a benefit in search and rescue operations outside of structural fires. They can be used to locate victims that are lost in large open areas by identifying body heat. This helps in more efficient search of wooded areas and fields.

Funding of this grant will allow us to maximize the productivity of our current resources while taking the proper

steps to ensure our members' safety. Staff anticipates a safer means of conducting search operations and a more efficient means to preserving property. Our firefighters are America's first responders for homeland security and funding of this grant will allow our community to be a safer place to live and to conduct business.

Budget

Budget Object Class

a. Personnel	\$ 0
b. Fringe Benefits	\$ 0
c. Travel	\$ 0
d. Equipment	\$ 50,000
e. Supplies	\$ 0
f. Contractual	\$ 0
g. Construction	\$ 0
h. Other	\$ 0
i. Indirect Charges	\$ 0
j. State Taxes	\$ 0

Federal and Applicant Share

Federal Share	\$ 45,000
Applicant Share	\$ 5,000
Federal Rate Sharing (%)	90/10

*** Non-Federal Resources** *(The combined Non-Federal Resources must equal the Applicant Share of \$ 5,000)*

a. Applicant	\$ 5000
b. State	\$ 0
c. Local	\$ 0
d. Other Sources	\$ 0

If you entered a value in Other Sources other than zero (0), include your explanation below. You can use this space to provide information on the project, cost share match, or if you have an indirect cost agreement with a federal agency.

The Downers Grove Fire Department will provide 10 percent of the amount being requested. This amount will be \$5,000.

Total Budget **\$ 50,000**

Assurances and Certifications

Application **100%** complete

These documents contain the Federal requirements attached to all Federal grants including the right of the Federal government to review the grant activity. You should read over the documents to become aware of the requirements. The Assurances and Certifications must be read, signed, and electronically submitted as a part of the application. **If the lobbying form is not applicable, please check the box below.**

Please click on the Incomplete/Complete link in the status column to go to individual forms. Status

Part I: Form SF-424B, Assurances-Nonconstruction Programs [Complete](#)

Part II: Form 20-16C, Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibilities Matters; and Drug-Free Workplace Requirements. [Complete](#)

SF-LLL, Disclosure of Lobbying Activities (Complete only if applying for a grant of more than \$100,000 and have lobbying activities using Non-Federal funds. See Form 20-16C for lobbying activities definition.) ☒ Not Applicable
[Not Applicable](#)

NOTE: By signing the certification regarding debarment, suspension, and other responsibility matters for primary covered transaction, the applicant agrees that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by DHS entering into this transaction. The applicant further agrees by submitting this application that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the DHS Regional Office entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. (Refer to 44 CFR Part 17.)

[Go Back](#)

[Save and Continue](#)

Assurances and Certifications

FEMA Form SF 424B

You must read and sign these assurances. These documents contain the Federal requirements attached to all Federal grants including the right of the Federal government to review the grant activity. You should read over the documents to become aware of the requirements. The Assurances and Certifications must be read, signed, and submitted as a part of the application.

Note: Fields marked with an * are required.

O.M.B Control Number 4040-0007

Assurances Non-Construction Programs

Note: Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. Section 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. Sections 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. Section 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. Sections 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Acts of 1968 (42 U.S.C. Section 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or

financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

7. Will comply, or has already complied, with the requirements of Title II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interest in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. Section 1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. 469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. 2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. Section 4801 et seq.) which prohibits the use of lead based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations and policies governing this program.

Signed by **Kathleen DesMarteau** on **11/13/2013**

Form 20-16C**You must read and sign these assurances.**

Certifications Regarding Lobbying, Debarment, Suspension and Other Responsibility Matters and Drug-Free Workplace Requirements.

Note: Fields marked with an * are required.

O.M.B Control Number 1660-0025

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 44 CFR Part 17, "Government-wide Debarment and Suspension (Non-procurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Homeland Security (DHS) determines to award the covered transaction, grant, or cooperative agreement.

1. Lobbying

A. As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 18 for persons (entering) into a grant or cooperative agreement over \$100,000, as defined at 44CFR Part 18, the applicant certifies that:

(a) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement and extension, continuation, renewal amendment or modification of any Federal grant or cooperative agreement.

(b) If any other funds than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

(c) The undersigned shall require that the language of this certification be included in the award documents for all the sub awards at all tiers (including sub grants, contracts under grants and cooperative agreements and sub contract(s)) and that all sub recipients shall certify and disclose accordingly.

2. Debarment, Suspension and Other Responsibility Matters (Direct Recipient)

A. As required by Executive Order 12549, Debarment and Suspension, and implemented at 44CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A, the applicant certifies that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency.

(b) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity

(Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

3. Drug-Free Workplace (Grantees other than individuals)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44CFR Part 17, Subpart F, for grantees, as defined at 44 CFR part 17, Sections 17.615 and 17.620:

(A) The applicant certifies that it will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on-going drug free awareness program to inform employees about:

- (1) The dangers of drug abuse in the workplace;
- (2) The grantees policy of maintaining a drug-free workplace;
- (3) Any available drug counseling, rehabilitation and employee assistance programs; and
- (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);

(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:

- (1) Abide by the terms of the statement and
- (2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

(e) Notifying the agency, in writing within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to the applicable DHS awarding office, i.e. regional office or DHS office.

(f) Taking one of the following actions, against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:

- (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
- (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement or other appropriate agency.

(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

(B) The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance

Street	City	State	Zip	Action
5420 Main Street	Downers Grove	Illinois	60515 -4834	

If your place of performance is different from the physical address provided by you in the Applicant Information, press *Add Place of Performance* button above to ensure that the correct place of performance has been specified. You can add multiple addresses by repeating this process multiple times.

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for DHS funding. States and State agencies may elect to use a Statewide certification.

Signed by **Kathleen DesMarteau** on **11/14/2013**

FEMA Standard Form LLL

Only complete if applying for a grant for more than \$100,000 and have lobbying activities. See Form 20-16C for lobbying activities definition.

FEMA Standard Form LLL

Only complete if applying for a grant for more than \$100,000 and have lobbying activities. See [Form 20-16C](#) for lobbying activities definition.

☒ **This form is not applicable**

Save and Continue

You must read and sign these assurances by providing your password and checking the box at the bottom of this page.

Note: Fields marked with an * are required.

O.M.B Control Number 0348-0046

Standard Form LLL: Disclosure of Lobbying Activities

1. * Type of Federal Action Cooperative Agreement ▾
2. * Status of Federal Action Bid/Offer/Application ▾
3. * Report Type ☐ Initial filing ☐ Material Change

This subsection is for Material Change only

- Year 2013 ▾
- Quarter 1 ▾
- Date of last report: (e.g. 03/24/1999)
4. * Name and Address of Reporting Entity:
- *Reporting Entity Type ☐ Prime ☐ Subawardee
- Tier (if known)
- *Name
- *Street
- *City
- *State Select a State ▾
- *Zip - (e.g. 12345-6789)
- [Need help for ZIP+4?](#)

5. If Reporting Entity in No.4 is a Subawardee, enter name and address of Prime:

- Name
- Street
- City

State

Zip (e.g. 12345-6789)
[Need help for ZIP+4?](#)

Congressional District if known

6. * Federal Department/Agency

7 *Federal Program Name/Description

CFDA Number if known

8. Federal Action Number if known:

9. Award Amount if known: \$ (whole dollar amounts only)

10a. Name and address of Lobbying Registrant: (if individual, Last Name, First Name, MI)

Name

Street

City

State

Zip - (e.g. 12345-6789)
[Need help for ZIP+4?](#)

10b. Individuals Performing Services: (include address if different from No.10a) (Last Name, First Name, MI)

Name

Street

City

State

Zip (e.g. 12345-6789)
[Need help for ZIP+4?](#)

Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

By checking the box below and providing your password, you are providing your digital signature.

* Password:

* ☐ I, Kathleen DesMarteau, am hereby providing my signature for this application as of 13-Nov-2013.