

### GRANT APPLICATION

**Grant** Assistance to Firefighters Grant 21-23  
**Department:** FIRE DEPARTMENT  
**Grantor:** US DEPT OF HOMELAND SECURITY - FEMA  
**Pass-Through Grantor**  
**Total** \$304,181.82  
**Metro Cash** \$30,418.18  
**Department** Leigh Anne Burtchael  
862-6364  
**Status** NEW

**Program Description:**

The FY2020 Assistance to Firefighters grant will provide funds for the purchase of equipment to protect the health and safety of the public and first responders against fire and fire-related hazards.

**Plan for continuation of services upon**

We previously funded these expenses through 4% allocations.

**APPROVED AS TO AVAILABILITY OF FUNDS:**

**APPROVED AS TO FORM AND LEGALITY:**

DocuSigned by:  
*Kevin Crumboltto* 1/27/2021  
\_\_\_\_\_  
**Director of Finance** **Date**  
TE

DocuSigned by:  
*Meki Eke* 1/28/2021  
\_\_\_\_\_  
**Metropolitan Attorney** **Date**

**APPROVED AS TO RISK AND INSURANCE:**

DocuSigned by:  
*Balogun Cobb* 1/28/2021  
\_\_\_\_\_  
**Director of Risk** **Date**  
**Management Systems**

DocuSigned by:  
*John Cooper* 1/28/2021  
\_\_\_\_\_  
**Metropolitan Mayor** **Date**  
DS

(This application is contingent upon approval of the application by the Metropolitan Council.)



### Grants Tracking Form

Part One

<input type="radio"/> Pre-Application <input checked="" type="radio"/> Application <input type="radio"/> Award Acceptance <input type="radio"/> Contract Amendment				
Department	Dept. No.	Contact	Phone	Fax
FIRE DEPARTMENT	032	Leigh Anne Burtchaell	862-6364	214-3680
<b>Grant Name:</b>	Assistance to Firefighters Grant 21-23			
<b>Grantor:</b>	US DEPT OF HOMELAND SECURITY - FEMA		<b>Other:</b>	
<b>Grant Period From:</b>	05/01/21	(applications only) Anticipated Application Date:	02/12/21	
<b>Grant Period To:</b>	04/30/23	(applications only) Application Deadline:	02/11/21	
<b>Funding Type:</b>	FED DIRECT	<b>Multi-Department Grant</b>	<input type="checkbox"/> <b>If yes, list below.</b>	
<b>Pass-Thru:</b>		<b>Outside Consultant Project:</b>	<input type="checkbox"/>	
<b>Award Type:</b>	COMPETITIVE	<b>Total Award:</b>	\$304,181.82	
<b>Status:</b>	NEW	<b>Metro Cash Match:</b>	\$30,418.18	
<b>Metro Category:</b>	New Initiative	<b>Metro In-Kind Match:</b>	\$0.00	
<b>CFDA #</b>	97.044	<b>Is Council approval required?</b>	<input checked="" type="checkbox"/>	
<b>Project Description:</b>	Applic. Submitted Electronically? <input type="checkbox"/>			
The FY2020 Assistance to Firefighters grant will provide funds for the purchase of equipment to protect the health and safety of the public and first responders against fire and fire-related hazards.				
<b>Plan for continuation of service after expiration of grant/Budgetary Impact:</b>				
We previously funded these expenses through 4% allocations.				
<b>How is Match Determined?</b>				
<b>Fixed Amount of \$</b>		or	10.0%	<b>% of Grant</b>
<b>Explanation for "Other" means of determining match:</b>		<b>Other:</b> <input type="checkbox"/>		
<b>For this Metro FY, how much of the required local Metro cash match:</b>				
<b>Is already in department budget?</b>	X	<b>Fund</b>	30003	<b>Business Unit</b>
<b>Is not budgeted?</b>		<b>Proposed Source of Match:</b>		32214600
		4%		
<b>(Indicate Match Amount &amp; Source for Remaining Grant Years in Budget Below)</b>				
<b>Other:</b>				
<b>Number of FTEs the grant will fund:</b>	0.00	<b>Actual number of positions added:</b>	0.00	
<b>Departmental Indirect Cost Rate</b>	29.54%	<b>Indirect Cost of Grant to Metro:</b>	\$89,855.31	
<b>*Indirect Costs allowed?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No <b>% Allow.</b>	29.54%	<b>Ind. Cost Requested from Grantor:</b>	\$89,855.31	<b>in budget</b>
*(If "No", please attach documentation from the grantor that indirect costs are not allowable. See Instructions)				
<b>Draw down allowable?</b>	<input type="checkbox"/>			
<b>Metro or Community-based Partners:</b>				

Part Two

Grant Budget

Budget Year	Metro Fiscal Year	Federal Grantor	State Grantor	Other Grantor	Local Match Cash	Match Source (Fund, BU)	Local Match In-Kind	Total Grant Each Year	Indirect Cost to Metro	Ind. Cost Neg. from Grantor
Yr 1	FY21	\$304,181.82			\$30,418.18	30003, 32214600		\$334,600.00	\$89,855.31	\$89,855.31
Yr 2	FY									
Yr 3	FY									
Yr 4	FY									
Yr 5	FY									
<b>Total</b>		\$304,181.82	\$0.00	\$0.00	\$30,418.18		\$0.00	\$334,600.00	\$89,855.31	\$89,855.31
<b>Date Awarded:</b>					<b>Tot. Awarded:</b>		<b>Contract#:</b>			
(or) <b>Date Denied:</b>					<b>Reason:</b>					
(or) <b>Date Withdrawn:</b>					<b>Reason:</b>					

Contact: [trinity.weathersby@nashville.gov](mailto:trinity.weathersby@nashville.gov)  
[vaughn.wilson@nashville.gov](mailto:vaughn.wilson@nashville.gov)

*VW*

# Fiscal Year (FY) 2020 Assistance to Firefighters Grants

Status: Pending submission

Application ID: EMW-2020-FG-13658

OMB number: 1660-0054, Expiration date: 11/30/2022 [View burden statement](#)

## System for Award Management (SAM.gov) profile

Please identify your organization to be associated with this application.  
All organization information in this section will come from the System for Award Management (SAM) profile for that organization.

### NASHVILLE, CITY OF

Information current from SAM.gov as of:	01/12/2021
DUNS (includes DUNS+4):	078217668
Employer Identification Number (EIN):	620694743
Organization legal name:	NASHVILLE & DAVIDSON COUNTY, METROPOLITAN GOVERNMENT OF
Organization (doing business as) name:	NASHVILLE, CITY OF
Mailing address:	P.O. BOX 196300 NASHVILLE, TN 37219-6300
Physical address:	1 PUBLIC SQ NASHVILLE, TN 37201-5007
Is your organization delinquent on any federal debt?	N
SAM.gov registration status:	Active as of 01/10/2021

## Applicant information

Please provide the following additional information about the department or organization applying for this grant.

### Applicant name (i.e., fire department name)

Nashville Fire Department

### Main address of location impacted by this grant

#### Main address 1

63 Hermitage Ave.

#### Main address 2

Optional

#### City

Nashville

#### State/territory

Tennessee

#### Zip code

37206

#### Zip extension

0000

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?

Davidson County

### Applicant characteristics

The Assistance to Firefighters Grants Program's objective is to provide funding directly to fire departments and nonaffiliated EMS organizations or a State Fire Training Academy for the purpose of protecting the health and safety of the public and first responder personnel against fire and fire-related hazards. Please review the Notice of Funding Opportunity Announcement (NOFO) for information on available program areas and for more information on the evaluation process and conditions of award. Please provide the following additional information about the applicant.

**Applicant type**

Fire Department/Fire District

Is this grant application a regional request? A regional request provides a direct regional and/or local benefit beyond your organization. You may apply for a regional request on behalf of your organization and any number of other participating eligible organizations within your region.

- Yes
- No

What kind of organization do you represent?

All Paid/Career

How many active firefighters does your department have who perform firefighting duties?

850

How many of your active firefighters are trained to the level of Firefighter I or equivalent?

850

How many of your active firefighters are trained to the level of Firefighter II or equivalent?

850

Are you requesting training funds in this application to bring 100% of your firefighters into compliance with NFPA 1001?

- Yes
- No

Which of the following standards does your organization meet regarding physicals? If physicals are not required then do not select any option. (optional)

- Meets NFPA or 1582 standard
- Meets NTSB or DOT standard
- Meets State/Local standard

How many members in your department are trained to the level of EMR or EMT, Advanced EMT or Paramedic?

850

Does your department have a Community Paramedic program?

- Yes
- No

How many stations are operated by your department?

39

Does your organization protect critical infrastructure of the state?

- Yes
- No

Please describe the critical infrastructure protected below.

Nashville Fire Department protects the State Capitol and all State buildings, and one of the main AT&T switchboards for all communications throughout the Southeast that covers over 7 States. We have 3 main interstates that converge in Nashville. The main data center (Tennessee Data Center) for all of Wall Street trading is in Nashville (both AT&T and the Tennessee Data Center are considered national infrastructure). We protect the Nashville International Airport, and the two main rail lines that converge in Nashville as well as two main gas lines that pass through Davidson County. Busy commercial river traffic with 3 main fuel depots are located in the county. Interstate 40 is also a main corridor of transport for nuclear fuel rods and

Do you currently report to the National Fire Incident Reporting System (NFIRS)? You will be required to report to NFIRS for the entire period of the grant.

- Yes
- No

Please enter your FDIN/FDID.

19632

**Please describe the critical infrastructure protected below.**

States: we have 3 main interstates that converge in Nashville. The main data center (Tennessee Data Center) for air or wall street trading is in Nashville (DOWNTOWN) and the Tennessee Data Center are considered national infrastructure. We protect the Nashville International Airport, and the two main rail lines that converge in Nashville as well as two main gas lines that pass through Davidson County. Busy commercial river traffic with 3 main fuel depots are located in the county. Interstate 40 is also a main corridor of transport for nuclear fuel rods and nuclear warheads that travel through Nashville Davidson County with frequency.

Do you currently report to the National Fire Incident Reporting System (NFIRS)? You will be required to report to NFIRS for the entire period of the grant.

- Yes
- No

Please enter your FDIN/FDID.

19532

### Operating budget

What is your organization's operating budget (e.g., personnel, maintenance of apparatus, equipment, facilities, utility costs, purchasing expendable items, etc.) dedicated to expenditures for day-to-day activities for the current (at time of application) fiscal year, as well as the previous two fiscal years?

Current Fiscal Year

2021

Fiscal Year	Operating budget
2021	\$133,444,800.00
2020	\$130,017,600
2019	\$128,639,700

What percentage of the declared operating budget is dedicated to personnel costs (salary, benefits, overtime costs, etc.)?

92 %

Does your department have any rainy day reserves, emergency funds, or capital outlay?

- Yes
- No

What percentage of the declared operating budget is derived from the following	2021	2020	2019
Taxes	73.15 %	66.3 %	66.3 %
Bond issues	0 %	0 %	0 %
EMS billing	9.68 %	15.1 %	14.6 %
Grants	17.17 %	18.3 %	18.7 %
Donations	0 %	0 %	0 %
Fund drives	0 %	0 %	0 %
Fee for service	0 %	0 %	0 %
Other	0 %	0.3 %	0.4 %
<b>Totals</b>	<b>100 %</b>	<b>100 %</b>	<b>100 %</b>

Please explain the "Other" portion of the declared operating budget.

Fund balance appropriated.

**Describe your financial need and how consistent it is with the intent of the AFG Program. Include details describing your organization's financial distress such as summarizing budget constraints, unsuccessful attempts to secure other funding, and proving the financial distress is out of your control.**

The city of Nashville is resilient. We've survived direct hits from tornadoes, historic floods, bombings, viruses, economic downturns and continue to protect the city through all this hardship. What makes our case all the more challenging is the fact that all erstwhile stated incidents cause us to never get ahead in terms of budgets. We provide not just a service for Nashville, Davidson County but we support the entire mid region of the State of Tennessee in terms of support for HazMat and Fire when needed. We also have an aggressive training regime supported by IAFF and TEMA that requires our department to use a lot of our equipment to support these mutual aid calls as well as training. 92% of our budget goes strictly towards

personnel salaries, 4% goes towards maintenance, fuel costs of equipment and supplies, and the other 4% goes towards utilities and incidental costs. Our budget is extremely tight to the point that it would take us up to 4 years to purchase this equipment outright, if at all. For the first time since before the flood of 2010 we felt like we would finally be able to get ahead in terms of budgeting asks from the city, but 2020 had other plans for us as well as the rest of the world with the tornado marching across the County, numerous riots and a bombing for Christmas. To that end we're hoping to receive funding to enhance and or replace non-functioning monitors to bring our monitoring capabilities back up to FEMA standards to support not

just the city of Nashville but the State of Tennessee.

**In cases of demonstrated economic hardship, and upon the request of the grant applicant, the FEMA Administrator may grant an Economic Hardship Waiver. Is it your organization's intent to apply for an Economic Hardship Waiver?**

- Yes
- No

**Other funding sources**

**This fiscal year, are you receiving Federal funding from any other grant program for the same purpose for which you are applying for this grant?**

- Yes
- No

**This fiscal year, are you receiving Federal funding from any other grant program regardless of purpose?**

- Yes
- No

**Applicant and community trends**

**Please provide the following additional information about the applicant.**

Injuries and fatalities	2020	2019	2018
What is the total number of fire-related civilian fatalities in your jurisdiction over the last three calendar years?	12	6	4
What is the total number of fire-related civilian injuries in your jurisdiction over the last three calendar years?	18	12	15

What is the total number of line of duty member fatalities in your jurisdiction over the last three calendar years?	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
What is the total number of line of duty member injuries in your jurisdiction over the last three calendar years?	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="text" value="3"/>

How many vehicles does your organization have in each of the type 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.

**Seated riding positions**  
 The number of seated riding positions must be equal or greater than the total number of frontline and reserve apparatus. If there are zero frontline and zero reserve apparatus, the number of seated riding positions must be zero.

Type or class of vehicles	Number of frontline apparatus	Number of reserve apparatus	Number of seated riding positions
Engines or pumpers (pumping capacity of 750 gallons per minute (GPM) or greater and water capacity of 300 gallons or more): pumper, pumper/tanker, rescue/pumper, foam pumper, CAFS pumper, type I, type II engine urban interface	<input type="text" value="39"/>	<input type="text" value="9"/>	<input type="text" value="288"/>
Ambulances for transport and/or emergency response	<input type="text" value="28"/>	<input type="text" value="12"/>	<input type="text" value="246"/>
Tankers or tenders (water capacity of 1,000 gallons or more)	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="5"/>
Aerial apparatus: aerial ladder truck, telescoping, articulating, ladder towers, platform, tiller ladder truck, quint	<input type="text" value="12"/>	<input type="text" value="5"/>	<input type="text" value="102"/>
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	<input type="text" value="5"/>	<input type="text" value="1"/>	<input type="text" value="6"/>
Rescue vehicles: rescue squad, rescue (light, medium, heavy), technical rescue vehicle, hazardous materials unit	<input type="text" value="6"/>	<input type="text" value="2"/>	<input type="text" value="48"/>
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	<input type="text" value="8"/>	<input type="text" value="1"/>	<input type="text" value="54"/>

Is your department facing a new risk, expanding service to a new area, or experiencing an increased call volume?

- Yes
- No

Please explain how your department is facing a new risk, expanding service to a new area, or experiencing an increased call volume.

With the population explosion not just to Davidson County but all surrounding Counties, we're seeing ever increasing call volume throughout the whole County but more so to the Eastern and Southern part of the County in the last 24 months. Nashville is still rapidly growing with large scale events scheduled and with recent bombing of the AT&T building we no longer are hiding some critical infrastructure in plain sight. This all poses a "new risk" for our infrastructure and safety of our citizens, tourists and responders.

### Community description

Please provide the following additional information about the community your organization serves.

Type of jurisdiction served

County ▼

What type of community does your organization serve?

Urban

What is the square mileage of your first due response zone/jurisdiction served?

533

What percentage of your primary response area is protected by hydrants?

100

What percentage of your primary response area is for the following:	Percentage (must sum to 100%)
Agriculture, wildland, open space, or undeveloped properties	36
Commercial and industrial purposes	14
Residential purposes	50
<b>Total</b>	<b>100</b>

What is the permanent resident population of your first due response zone/jurisdiction served?

750000

Do you have a seasonal increase in population?

- Yes
- No

Please describe your organization and/or community that you serve.

The Nashville Fire Department serves the Metropolitan Government of Davidson County for Nashville, Tennessee covering over 533 square miles, with a growing population of over 700,000 residents and swells to over 1,200,000 through the work week. We have 1150 personnel with 39 engines, 12 aerial ladder trucks, 4 heavy rescue trucks, 2 HazMat trucks, staffed with up to 4 EMTs and/or Paramedics each as well as 28 ALS ambulances, 15 District Chiefs, and 2 mobile Air trucks.

### Call volume

Please provide the total number of incidents that your organization responded to for each year of the previous three year period (Jan - Dec). Include only those alarms which your organization was a primary responder and not second due or giving Mutual Aid.

Note: Each incident must be counted only once regardless of the number of units or agencies that responded to that incident (e.g. a vehicle fire with entrapment and injuries may be counted as a vehicle fire or a rescue call or an EMS call, but not all three).

### Summary

Summary of responses per year by category. Enter whole numbers only. If you have no calls for any of the categories, enter 0.

Summary of responses per year per category	2020	2019	2018
NFIRS Series 100: Fire	3088	2748	2370
NFIRS Series 200: Overpressure Rupture, Explosion, Overheat (No Fire)	155	137	107



NFIRS Series 300: Rescue & Emergency Medical Service Incident	78471	84250	79813
NFIRS Series 400: Hazardous Condition (No Fire)	3700	3447	2582
NFIRS Series 500: Service Call	5554	6747	5640
NFIRS Series 600: Good Intent Call	21554	19137	16469
NFIRS Series 700: False Alarm & False Call	9165	9433	12990
NFIRS Series 800: Severe Weather & Natural Disaster	50	57	20
NFIRS Series 900: Special Incident Type	94	133	78
<b>Total</b>	121831	126089	120069

## Fire

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

How many responses per year per category?	2020	2019	2018
Of the NFIRS Series 100 calls, how many are "Structure Fire" (NFIRS Codes 111-123)?	1256	914	861
Of the NFIRS Series 100 calls, how many are "Vehicle Fire" (NFIRS Codes 130-138)?	558	508	455
Of the NFIRS Series 100 calls, how many are "Vegetation Fire" (NFIRS Codes 140-143)?	135	185	150
<b>Total</b>	1949	1607	1466

What is the total acreage of all vegetation fires? Enter whole numbers only. If you have no vegetation fires, enter 0.

Total acreage per year	2020	2019	2018
What is the total acreage of all vegetation fires?	81	122	82

## Rescue and emergency medical service incidents

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

How many responses per year per category?	2020	2019	2018
Of the NFIRS Series 300 calls, how many are "Motor Vehicle Accidents" (NFIRS Codes 322-324)?	8215	9295	8403

Of the NFIRS Series 300 calls, how many are "Extrications from Vehicles" (NFIRS Code 352)?	8	13	9
Of the NFIRS Series 300 calls, how many are "Rescues" (NFIRS Codes 300, 351, 353-381)?	414	475	540
How many EMS-BLS Response Calls?	0	0	0
How many EMS-ALS Response Calls?	70493	82221	79474
How many EMS-BLS Scheduled Transports?	0	0	0
How many EMS-ALS Scheduled Transports?	0	0	0
How many Community Paramedic Response Calls?	0	0	0
<b>Total</b>	<b>79130</b>	<b>92004</b>	<b>88426</b>

### Mutual and automatic aid

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

How many responses per year per category?	2020	2019	2018
How many times did your organization receive Mutual Aid?	0	0	4
How many times did your organization receive Automatic Aid?	22	2	4
How many times did your organization provide Mutual Aid?	0	2	7
How many times did your organization provide Automatic Aid?	512	9	6
Of the Mutual and Automatic Aid responses, how many were structure fires?	21	2	3
<b>Total</b>	<b>555</b>	<b>15</b>	<b>24</b>

### Grant request details

Are you requesting a Micro Grant? A Micro Grant is limited to \$50,000 in federal resources.

- Yes
- No



#### Instructions

If you intend to request funds for an activity, you must answer all of the activity specific questions and specify at least one budget item [budget object class information](#). The cost figures you provide do not have to be firm quotes from your vendors, but they should be estimated based on research of current prices (i.e., check with at least two vendors for your estimates). If you do not have these estimates, you can come back and modify this area at any point before you submit your application to DHS. The Assistance to Firefighters Grant Program does not allow for any grant funds to be used for construction. Select grant writer fee when adding an activity if there is a grant-writing fee associated with the preparation of the request

Grand total: **\$334,600.00**

Add activity

### Program area: Operations and safety

Total requested for Equipment activity: **\$334,600.00**

Remove activity

Add item to Equipment

Please add the projects and items in your application for equipment. For each item you want funded, provide the requested information. Note: the unit price amount should reflect any volume discounts, rebates, etc. The option to select additional funding is available when adding items to support your request.

#### Narrative

The narrative statements must provide all the information necessary for you to justify your needs and for FEMA to make an award decision. A panel of peer reviewers will perform the second phase of the applications' evaluations by using the narrative statements below to determine the worthiness of the request for an award. Please ensure that your narrative clearly addresses each of the following evaluation criteria elements to the best of your ability with detailed but concise information.

You may either type your narrative statements in the spaces provided below or create the text in your word processing system and then copy it into the appropriate spaces provided below. Please note the narrative block does not allow for formatting but you can expand the size of the narrative block. Do not type your narrative using only capital letters. Additionally, do not include tables, special fonts (i.e., quote marks, bullets, etc.), or graphs.

**Project Description and Budget:** Clearly explain the organization's project objectives and the relationship to your organization's budget (e.g., personnel, equipment, contracts, etc.) and risk analysis by providing statistics to justify the needs. Describe the various activities to be implemented, including program priorities or facility modifications, to include details on how these are consistent with project objectives, your organization's mission and national, state, and/or local requirements. Provide details that link the proposed expenses to operations and safety, as well as to the completion of the project's goals.


This project is to bring Nashville Fire Department up to the FEMA Resource Typing HazMat Type 1 accreditation. Nashville Fire Department has equipment that is deemed obsolete and/or is out of compliance with current standards. While the equipment we currently have is operable, the technology is over 5 years old in most cases and some pieces older than that. Other pieces of equipment we currently have, have either been dropped, damaged or oversaturated affecting the motherboard, chips or displays to the point they are unusable. In order to be compliant with the current and updated FEMA standards to meet the Type 1 HazMat rating the equipment being asked for assistance in funding meets all high priority requests. If request for funding is approved, this will help our program greatly to enhance our State Civil Support Team in the unlikely event they are unavailable for response in the State. With the request for equipment it will greatly improve not just the safety of our responders but the public by getting quick and effective public safety samples before sending samples to the State lab. It will also be of great assistance to our federal partners and the Joint Terrorism Task Force.

**Cost Benefit:** Describe how you plan to address the operations and personal safety needs of your organization, including cost effectiveness and sharing assets. The Operations and Safety Cost Benefit statement should also include details about gaining the maximum benefits from grant funding by citing reasonable or required costs, such as specific overhead and administrative costs. The request should also be consistent with your organization's mission and identify how funding will benefit your organization and affected personnel.

92% of our working budget is in salary alone. The other 8% is broken up in maintenance, utilities, fuel, equipment, etc. We currently can't afford to replace a light fleet vehicle valued at \$35,000. With tight budgets as they are currently with the city of Nashville, we strive to find any and all help in obtaining or maintaining our front line equipment to support our responders, surrounding agencies and the public with shared costs through grant funding. The cost benefit is tremendous especially when keeping with current trends in population, call volume and resources limited in the region.

**Statement of Effect on Operations:** Explain how this funding request will enhance the organization's overall effectiveness. Describe how the grant award will improve daily operations and reduce the organization's risk(s) including how frequently the requested item(s) will be used and in what capacity. Indicate how the requested item(s) will help the community and increase the organization's ability to save additional lives and property. Jurisdictions that demonstrate their commitment and proactive posture to reducing fire risk, by explaining their code enforcement (to include Wildland Urban Interface code enforcement) and mitigation strategies (including whether or not the jurisdiction has a FEMA-approved mitigation strategy) may receive stronger consideration under this criterion.

With current equipment either out of date, damaged beyond repair or simply no longer cost effective to meet standards put forth by FEMA, this grant, if awarded will greatly enhance our organization's overall effectiveness in mitigating all hazards safely, swiftly and effectively. By using up to date equipment it vastly increases the response level by giving more precise and accurate measurements to safely make a determination at any incident or event.

 [Close](#) ▾

**Item** [✖ Remove item](#)

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
18	\$450.00	\$8,100.00	Equipment ▾

**Description**

Personal single-gas monitors that can reliably and accurately monitor a full range of common toxic industrial chemicals (TICs), volatile organic compounds (VOCs), combustible gases, carbon dioxide (CO2), and Oxygen (O2).

**Generally the equipment purchased under this grant program will:**

Upgrade technology to current standard ▾

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?

- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

 [Close](#) ▾

**Item** [✖ Remove item](#)

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
<input type="text" value="1"/>	<input type="text" value="\$91,000.00"/>	\$91,000.00	<input type="text" value="Equipment"/>

**Description**

GS/MS Spectrometer. Used to sample vapor, solids and liquids at trace amounts. This equipment is required to have Type 1 HazMat accreditation.

**Generally the equipment purchased under this grant program will:**

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?


- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

 [Close](#)

**Item**

[Remove Item](#)

QUANTITY	UNIT PRICE	TOTAL	Budget class
<input type="text" value="2"/>	<input type="text" value="\$2,500.00"/>	\$5,000.00	<input type="text" value="Equipment"/>

**Description**

Colorimetric tube kit.

**Generally the equipment purchased under this grant program will:**

Specify the age of equipment in years:

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?

- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No



Close ▾

Item

[✖ Remove item](#)

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
10	\$4,800.00	\$48,000.00	Equipment ▾

Description

0 gas air monitors.

Generally the equipment purchased under this grant program will:

Upgrade technology to current standard ▾

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?


- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

 [Close](#) ▾

**Item** [✖ Remove item](#)

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
2	\$57,000.00	\$114,000.00	Equipment ▾

**Description**

Raman Spectrometer.

Generally the equipment purchased under this grant program will:

Replace unusable/unrepairable equipment to meet current standard ▾

Specify the age of equipment in years:

10

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?


- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

 [Close](#) ▾

**Item** [✖ Remove item](#)

CBRNE-related Equipment ▾

✓ Close ▾

**Item** ✕ Remove Item

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
3	\$5,000.00	\$15,000.00	Equipment ▾

**Description**

Flame Ionization Detector

**Generally the equipment purchased under this grant program will:**

Obtain equipment to achieve minimum operational and deployment standards for ex ▾

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

Yes  
 No

Is your department trained in the proper use of the equipment being requested?

Yes  
 No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

Yes  
 No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

Yes  
 No

✓ Close ▾

**Item** ✕ Remove item

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
3	\$10,500.00	\$31,500.00	Equipment ▾

**Description**

Nerve agent detector



Generally the equipment purchased under this grant program will:

Replace unusable/unrepairable equipment to meet current standard

Specify the age of equipment in years:

15

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?

- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No



Close

Item

[Remove Item](#)

CBRNE-related Equipment

QUANTITY

UNIT PRICE

TOTAL

Budget class

3

\$5,000.00

\$15,000.00

Equipment

Description

Photo Ionization detector.

Generally the equipment purchased under this grant program will:

Replace unusable/unrepairable equipment to meet current standard

Specify the age of equipment in years:

10

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?


- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

 [Close](#) ▾

**Item** [✖ Remove item](#)

CBRNE-related Equipment ▾

QUANTITY	UNIT PRICE	TOTAL	Budget class
2	\$3,500.00	\$7,000.00	Equipment ▾

**Description**

2 HazMat Grounding and Bonding Kits used for transfer of product from one container to another safely.

**Generally the equipment purchased under this grant program will:**

Obtain equipment to achieve minimum operational and deployment standards for ex ▾

Will the equipment being requested bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc? In your narrative statement, please explain how this equipment will bring the organization into voluntary compliance.

- Yes
- No

Is your department trained in the proper use of the equipment being requested?

- Yes
- No

Are you requesting funding to be trained for these item(s)? (Funding for requested training should be requested as additional funding).

- Yes
- No

If you are not requesting training funds through this application, will you obtain training for this equipment through other sources?

- Yes
- No

### Grant request summary

The table below summarizes the number of items and total cost within each activity you have requested funding for. This table will update as you change the items within your grant request details.

#### Grant request summary

Activity	Number of items	Total cost
Equipment	9	\$334,600.00
<b>Total</b>	9	\$334,600.00

Is your proposed project limited to one or more of the [following activities](#) : Planning and development of policies or processes. Management, administrative, or personnel actions. Classroom-based training. Acquisition of mobile and portable equipment (not involving installation) on or in a building.

- Yes  
 No

### Budget summary

#### Budget summary

Object class categories	Total
Personnel	\$0.00
Fringe benefits	\$0.00
Travel	\$0.00
Equipment	\$334,600.00
Supplies	\$0.00
Contractual	\$0.00
Construction	\$0.00
Other	\$0.00
<b>Total direct charges</b>	\$334,600.00
Indirect charges	\$0.00
<b>TOTAL</b>	\$334,600.00

#### Non-federal resources

Applicant	\$30,418.18
State	\$0
Other sources	\$0

Remarks	Our indirect costs for this grant is figured at 29.54%
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<b>Total Federal and Non-federal resources</b>	
Federal resources	\$304,181.82
Non-federal resources	\$30,418.18
<b>TOTAL</b>	<b>\$334,600.00</b>
Program income	\$0.00

### Contact information

Did any individual or organization assist with the development, preparation, or review of the application to include drafting or writing the narrative and budget, whether that person, entity, or agent is compensated or not and whether the assistance took place prior to submitting the application?

- Yes
- No

### Secondary point of contact

Please provide a secondary point of contact for this grant.

The Authorized Organization Representative (AOR) who submits the application will be identified as the primary point of contact for the grant. Please provide one secondary point of contact for this grant below. The secondary contact can be members of the fire department or organizations applying for the grant that will see the grant through completion, are familiar with the grant application, and have the authority to make decisions on and to act upon this grant application. The secondary point of contact can also be an individual who assisted with the development, preparation, or review of the application.

<b>MRS Leigh Burtchaell</b> Finance  <a href="mailto:leighanne.burtchaell@nashville.gov">leighanne.burtchaell@nashville.gov</a>	<b>Primary phone</b> 6158626364 Work  <b>Fax</b>	<b>Additional phones</b> 6158625424 Work	<a href="#">Edit</a>
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### Assurances and certifications

#### SF-LLL: Disclosure of Lobbying Activities

OMB number: 4040-0013, Expiration date: 02/28/2022 [View burden statement](#)

Complete only if the applicant is required to do so by 44 C.F.R. part 18. Generally disclosure is required when applying for a grant of more than \$100,000 and if any funds other 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 contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. Further, the recipient shall file a disclosure form at the end of each calendar quarter in which there occurs any event described in 44 C.F.R. A§ 18.110(c) that requires disclosure or that materially affects the accuracy of the information contained in any disclosure form previously filed by the applicant.

- The applicant is not currently required to submit the SF-LLL

### Review application

[Submit for signature](#)



**This application is ready to submit for signature**

Submit this application for final signature to complete the application submission process.

	SAM.gov profile	<a href="#">View/edit</a>
	Applicant Information	<a href="#">View/edit</a>
	Applicant characteristics	<a href="#">View/edit</a>
	Operating budget	<a href="#">View/edit</a>
	Community description	<a href="#">View/edit</a>
	Applicant and community trends	<a href="#">View/edit</a>
	Call volume	<a href="#">View/edit</a>
	Grant request details	<a href="#">View/edit</a>
	Grant request summary	<a href="#">View/edit</a>
	Budget summary	<a href="#">View/edit</a>
	Contact information	<a href="#">View/edit</a>
	Assurances and certifications	<a href="#">View/edit</a>