



# FEMA

Mr. Chris Maples  
City of Sparks  
431 Prater Way  
Sparks, Nevada 89431-4598

AC-5378  
6/26/2017  
AI 9.6

Re: Award No. EMW-2016-FO-03915

Dear Mr. Maples:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2016 Assistance to Firefighters Grant has been approved in the amount of \$106,499.00. As a condition of this award, you are required to contribute a cost match in the amount of \$10,649.00 of non-Federal funds, or 10 percent of the Federal contribution of \$106,499.00.

**Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award through the Assistance to Firefighters Grant Programs' e-grant system.** By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Summary Award Memo
- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2016 Assistance to Firefighters Grant Notice of Funding Opportunity.

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

**Prior to requesting Federal funds, all recipients are required to register in the System for Award Management (SAM.gov).** As the recipient, you must register and maintain current information in SAM.gov until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that the recipient review and update the information annually after the initial registration, and more frequently for changes in your information. There is no charge to register in SAM.gov. Your registration must be completed on-line at <https://www.sam.gov/portal/public/SAM/>. It is your entity's responsibility to have a valid DUNS number at the time of registration.

In order to establish acceptance of the award and its terms, please follow these instructions:

**Step 1:** Please go to <https://portal.fema.gov> to accept or decline your award. This will take you to the Assistance to Firefighters eGrants system. Enter your User Name and Password as requested on the login screen. Your User Name and Password are the same as those used to complete the application on-line.

Once you are in the system, the Status page will be the first screen you see. On the right side of the Status screen, you will see a column entitled Action. In this column, please select the View Award Package from the drop down menu. Click Go to view your award package and indicate your acceptance or declination of award. PLEASE NOTE: your period of performance has begun. If you wish to accept your grant, you should do so immediately. When you have finished, we recommend printing your award package for your records.

**Step 2:** If you accept your award, you will see a link on the left side of the screen that says "Update 1199A" in the Action column. Click this link. This link will take you to the SF-1199A, Direct Deposit Sign-up Form. Please complete the SF-1199A on-line if you have not done so already. When you have finished, you must submit the form electronically. Then, using the Print 1199A Button, print a copy and take it to your bank to have the bottom portion completed. Make sure your application number is on the form. After your bank has filled out their portion of the form, you must fax a copy of the form to FEMA's SF-1199 Processing Staff at 540-504-2883. You should keep the original form in your grant files. **After the faxed version of your SF-1199A has been reviewed you will receive an email indicating the form is approved.** Once approved you will be able to request payments online. If you have any questions or concerns regarding your 1199A, or the process to request your funds, please call (866) 274-0960.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bridget Bean". The signature is written in black ink and has a fluid, connected style.

**Bridget Bean**  
Acting Assistant Administrator for Grant Programs

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
OBLIGATING DOCUMENT FOR AWARD/AMENDMENT**

1a. AGREEMENT NO. EMW-2016-FO-03915  
 2. AMENDMENT NO. 0  
 3. RECIPIENT NO. 88-6000202  
 4. TYPE OF ACTION AWARD  
 5. CONTROL NO. WX01287N2017T

.. RECIPIENT NAME AND ADDRESS  
 City of Sparks  
 431 Prater Way  
 Sparks  
 Nevada, 89431-4598

7. ISSUING OFFICE AND ADDRESS  
 Grant Programs Directorate  
 500 C Street, S.W.  
 Washington DC, 20528-7000  
 POC: Andrea Day

8. PAYMENT OFFICE AND ADDRESS  
 FEMA, Financial Services Branch  
 500 C Street, S.W., Room 723  
 Washington DC, 20472

9. NAME OF RECIPIENT PROJECT OFFICER  
 Chris Maples

PHONE NO. 7753532254

10. NAME OF PROJECT COORDINATOR  
 Catherine Patterson

PHONE NO. 1-866-274-0960

11. EFFECTIVE DATE OF THIS ACTION  
 19-MAY-17

12. METHOD OF PAYMENT  
 SF-270

13. ASSISTANCE ARRANGEMENT  
 Cost Sharing

14. PERFORMANCE PERIOD  
 From:19-MAY-17 To:18-MAY-18

Budget Period  
 From:29-JAN-17 To:30-SEP-17

15. DESCRIPTION OF ACTION

a. (Indicate funding data for awards or financial changes)

PROGRAM NAME ACRONYM	CFDA NO.	ACCOUNTING DATA (ACCS CODE) XXXX-XXX-XXXXXX-XXXXX- XXXX-XXXX-X	PRIOR TOTAL AWARD	AMOUNT AWARDED THIS ACTION + OR (-)	CURRENT TOTAL AWARD	CUMULATIVE NON- FEDERAL COMMITMENT
AFG	97.044	2017-F6-C111-P4310000- 4101-D	\$0.00	\$106,499.00	\$106,499.00	\$10,649.00
TOTALS			\$0.00	\$106,499.00	\$106,499.00	\$10,649.00

b. To describe changes other than funding data or financial changes, attach schedule and check here.  
 N/A

16a. FOR NON-DISASTER PROGRAMS: RECIPIENT IS REQUIRED TO SIGN AND RETURN THREE (3) COPIES OF THIS DOCUMENT TO FEMA (See Block 7 for address)

Assistance to Firefighters Grant recipients are not required to sign and return copies of this document. However, recipients should print and keep a copy of this document for their records.

16b. FOR DISASTER PROGRAMS: RECIPIENT IS NOT REQUIRED TO SIGN

This assistance is subject to terms and conditions attached to this award notice or by incorporated reference in program legislation cited above.

17. RECIPIENT SIGNATORY OFFICIAL (Name and Title)  
 N/A

DATE  
 N/A

18. FEMA SIGNATORY OFFICIAL (Name and Title)  
 Andrea Day

DATE  
 19-MAY-17

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Warning! Please ensure there are no changes while completing your AFG application.

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## Submit Application Result

**Congratulations**, you have successfully submitted your application to DHS. All references to this application should include the following application number: **EMW-2016-FO-03915**. Please print and keep a copy of your application. Those applicant organizations that are awarded a grant must satisfy all legal and regulatory requirements, as well as all programmatic requirements of the Assistance to Firefighters Grants Program, and are bound by the following terms and conditions:

- I certify the DUNS number in this application is our only DUNS number and we have confirmed it is active in SAM.gov as the correct number.
- As required per 2 CFR 1.25, I certify that prior to submission of this application I have checked the DUNS number listed in this application against the SAM.gov website and it is valid and active at time of submission.
- I certify that the applicant organization has consulted the appropriate Notice of Funding Opportunity and that all requested activities are programatically allowable, technically feasible and can be completed within the time period.
- I certify that the applicant organization is aware that this application period is open from 10/11 to 11/18/2016 and will close at 5 PM EST; further that the applicant organization is aware that once an application is submitted it cannot be changed or released back to the applicant for modification.
- I certify that the applicant organization is aware that it is solely the applicant organization's responsibility to ensure that all activities funded by this award(s) comply with Federal Environmental planning and Historic Preservation requirements. The EHP Screening Form designed to initiate and facilitate the EHP Review is available at: [http://www.fema.gov/media-library-data/1431970163011-80c63cd907072a91285b1627c56d8d2/epd\\_ehp\\_screening\\_form\\_518.pdf](http://www.fema.gov/media-library-data/1431970163011-80c63cd907072a91285b1627c56d8d2/epd_ehp_screening_form_518.pdf)
- I certify that the applicant organization is aware that the applicant organization is ultimately responsible for the accuracy of all application information submitted. Regardless of the applicant's intent, the submission of information include, but are not limited to: the submitted application not being considered for award, an existing award being locked pending investigation, or referral to the Office of the Inspector General.

### What's next ?

Once the application period ends, all applications will be scored according to the priorities established by DHS for the Assistance to Firefighters Grant Program. Once the initial scoring is complete, the applications that are recommended for award will then be sent to DHS for a final review. Grant awards will begin in the fall of 2016. Those applications that are recommended for award will then be sent to DHS for a final review. Grant awards will begin in the fall of 2016. Therefore, all applicants may not be awarded a grant.

If you have submitted an email address to us, your award notification will be sent via email. If you have not submitted an email address to us and obtain an email in the next few months, please call the Helpdesk at 1-866-446-7529 for you at the time of award, our correspondence will be through regular mail.

Visit the AFG Program website at: [www.fema.gov/firegrants](http://www.fema.gov/firegrants) for updates; if you are successful and awarded, manage your grant via: <https://portal.fema.gov/>

[Go To Print Page](#)

**Applicar. Acknowledgements**

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\* I certify the DUNS number in this application is our only DUNS number and we have confirmed it is active in SAM.gov as the correct number.

\* As required per 2 CFR § 25, I certify that prior to submission of this application I have checked the DUNS number listed in this application against the SAM.gov website and it is valid and active at time of submission.

\* I certify that the applicant organization has consulted the appropriate Notice of Funding Opportunity and that all requested activities are programmatically allowable, technically feasible and can be completed within the award's one (1) year Period of Performance (POP).

\* I certify that the applicant organization is aware that this application period is open from 10/11 to 11/18/2016 and will close at 5 PM EST; further that the applicant organization is aware that once an application is submitted, even if the application period is still open, a submitted application cannot be changed or released back to the applicant for modification.

\* I certify that the applicant organization is aware that it is solely the applicant organization's responsibility to ensure that all activities funded by this award(s) comply with Federal Environmental planning and Historic Preservation (EHP) regulations, laws, and Executive Orders as applicable. The EHP Screening Form designed to initiate and facilitate the EHP Review is available at: [http://www.fema.gov/media-library-data/1431970163011-80ce3cd907072a91295b1627c56d8fd2/qpd\\_ehp\\_screening\\_form\\_51815.pdf](http://www.fema.gov/media-library-data/1431970163011-80ce3cd907072a91295b1627c56d8fd2/qpd_ehp_screening_form_51815.pdf)

\* I certify that the applicant organization is aware that the applicant organization is ultimately responsible for the accuracy of all application information submitted. Regardless of the applicant's intent, the submission of information that is false or misleading may result in actions by FEMA that include, but are not limited to: the submitted application not being considered for award, an existing award being locked pending investigation, or referral to the Office of the Inspector General.

Signed by **Chris Maples** on **2016-11-17 18:28:39.0**

Overview

<p>* Did you attend one of the workshops conducted by an AFG regional fire program specialist?</p> <p>No, I have not attended workshop</p>
<p>* Did you participate in a webinar that was conducted by AFG?</p> <p>No</p>
<p>* Are you a member, or are you currently involved in the management, of the fire department or nonaffiliated EMS organization or a State Fire Training Academy applying for this grant with this application?</p> <p>Yes, I am a member/officer of this applicant</p>

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

-  
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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 department officer or member of the organization who will see this grant through completion, including closeout. 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

Chief

Prefix (select one)

N/A

\* First Name

Chris

Middle Initial

\* Last Name

Maples

\* Primary Phone

775-353-2254 Ext. Type work

\* Secondary Phone  
Optional Phone  
Fax  
\* Email

775-720-7572 Ext.    Type cell  
Type

[cmaples@cityofsparks.us](mailto:cmaples@cityofsparks.us)



Contact Information

---

Alternate Contact Information Number 1

* Title	FAO
Prefix (select one)	N/A
* First Name	Michael
Middle Initial	
* Last Name	Porter
* Primary Phone	775-353-2259 Ext. Type work
* Secondary Phone	775-250-3682 Ext. Type cell
Optional Phone	Type
Fax	
* Email	mporter@cityofsparks.us

Alternate Contact Information Number 2

* Title	FAO
Prefix (select one)	N/A
* First Name	Laura
Middle Initial	C
* Last Name	Jacobsen
* Primary Phone	775-750-7107 Ext. Type cell
* Secondary Phone	775-353-2252 Ext. Type work
Optional Phone	Type
Fax	
* Email	ljacobsen@cityofsparks.us



**Applicant Information**

EMW-2016-FO-03915  
Originally submitted on 11/17/2016 by Tom Garrison (Userid: mcpeltier)

**Contact Information:**

Address: 1605 Victorian Ave  
City: Sparks  
State: Nevada  
Zip: 89431  
Day Phone: 7753532254  
Evening Phone: 7754242486  
Cell Phone: 7755273703  
Email: tgarrison@cityofsparks.us

Application number is **EMW-2016-FO-03915**

\* Organization Name   
\* Type of Applicant   
\* **Fire Department/District, nonaffiliated EMS, and Regional applicants,**  
select type of Jurisdiction Served :   
If "Other", please enter the type of Jurisdiction

**SAM.gov (System For Award Management)**

\* What is the legal name of your Entity as it appears in [SAM.gov](#)?  
Note: This information must match your [SAM.gov](#) profile if your organization is using the DUNS number of your Jurisdiction.   
\* What is the legal business address of your Entity as it appears in [SAM.gov](#)?  
Note: This information must match your [SAM.gov](#) profile if your organization is using the DUNS number of your Jurisdiction.  
\* Mailing Address 1   
Mailing Address 2  
\* City   
\* State   
\* Zip   
[Need help for ZIP+4?](#)  
\* Employer Identification Number (e.g. 12-3456789)   
Note: This information must match your [SAM.gov](#) profile.  
\* Is your organization using the DUNS number of your Jurisdiction?

I certify that my organization is authorized to use the DUNS number of my Jurisdiction provided in this application. (Required if you selected Yes above)

✓

\* What is your 9 digit DUNS number?

089920243

(call 1-866-705-5711 to get a DUNS number)

If you were issued a 4 digit number (DUNS plus 4) by your Jurisdiction in addition to your 9 digit number please enter it here.

Note: This is only required if you are using your Jurisdiction's DUNS number and have a separate bank account from your Jurisdiction. Leave the field blank if you are using your Jurisdiction's bank account or have your own DUNS number and bank account separate from your Jurisdiction.

\* Is your DUNS Number registered in SAM.gov (System for Award Management previously CCR.gov)?

Yes

\* I certify that my organization/entity is registered and active at 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

431 Prater Way

Physical Address 2

\* City

Sparks

\* State

Nevada

\* Zip

89431 - 4598

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**Mailing Address**

\* Mailing Address 1

431 Prater Way

Mailing Address 2

\* City

Sparks

\* State

Nevada

\* Zip

89431 - 4598

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**Bank Account Information**

\* The bank account being used is: (Please select one from right)

Maintained by my Jurisdiction

Note: The following banking 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, will your organization expend more than \$750,000 in Federal funds during your organization's fiscal year? If "Yes", your organization will be required to undergo an A-133 audit. Reasonable costs incurred for an A-133 audit are an eligible expenditure and should be included in the applicant's proposed budget. Please enter audit costs only once under any "Additional Funding" in the "Request Details" section of the application.

Yes

\* 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:

With award of this grant, the City of Sparks will receive Federal funds in excess of \$750,000 this fiscal year. Included in this amount are the City's Community Development Block Grant of approximately \$624,000, the COPS Hiring Program Grant of approximately \$77,000, the Joining Forces Grant of approximately \$45,000, and a Violence Against Women Grant for approximately \$64,000. An A-133 audit is expected and planned.

**Fire Department/Fire District Department Characteristics (Part I)**

\* Is this application being submitted on behalf of a Federal Fire Department or organization contracted by the Federal government which is solely responsible for the suppression of fires on Federal property?

No

\* What kind of organization do you represent?

All Paid/Career

If you answered "Combination", above, how many career members in your organization? (whole numbers only)

If you answered "Volunteer" or "Combination" or "Paid on-call", how many of your volunteer Firefighters are paid members from another career department? (whole numbers only)

\* What type of community does your organization serve?

Suburban

\* Is your Organization considered a Metro Department? (Over 350 paid career Firefighters)

No

\* What is the square mileage of your first-due response area? (whole number only)

36

\* What percentage of your response area is protected by hydrants? (whole number only)

95 %

\* 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?

Washoe County

\* Does your organization protect critical infrastructure?

Yes

If "Yes", please describe the critical infrastructure protected below:

The Sparks Fire Department (SFD) protects a variety of critical infrastructure including major roadways, government buildings and other public facilities, tank farms, rail yards, etc.

SFD is responsible for responding to emergencies at the Truckee Meadows Water Reclamation Facility (TMWRF), a regional wastewater plant treating over 30 million gallons per day. TMWRF serves over 300,000 people, including all the City of Sparks, ¾ of the City of Reno and several unincorporated areas of Washoe County. The Truckee River, which forms a portion of the city's southern boundary, is the primary source of drinking water for the Reno/Sparks area.

The city is home to a 44 acre Kinder Morgan bulk fuel storage facility that has 45 above ground tanks with a total capacity of roughly 750,000 barrels. The facility has two inbound pipelines coming from Rocklin, CA and an outbound pipeline to Naval Air Station Fallon, 60+- miles east of Sparks. Three major natural gas transmission lines are located within the city limits.

The Union Pacific rail yard, adjacent to the Kinder Morgan tank farm, operates 24 hours a day. The rail line is a major transportation route linking Salt Lake City and Central California. Major commodities transported through the city include coal, chemical aggregates, lumber and a wide variety of consumer goods.

Sparks has a large industrial area that includes a variety of chemical and hazardous material manufacturing and processing facilities, as well as large distribution and storage warehouses.

I-80 runs through the city and is a major east-west transportation route. I-80 intersects with US Hwy 395, a major north-south roadway, near the city's western

boundary. State Hwy 445 also runs through the city.

SFD has mutual aid agreements with the Reno Tahoe Airport Authority and Air National Guard to provide assistance at the Reno-Tahoe International Airport (RTIA), a 1,450-acre facility that annually handles over 3.4 million passengers and 140 million pounds of air cargo.

Sparks is home to Northern Nevada Medical Center, a 108-bed acute care hospital, and the Northern Nevada Mental Health Institute, a comprehensive, community-based, mental health facility that includes a psychiatric hospital.

In addition to city government, there many State and Federal offices located within the City.

SFD also protects 20 area elementary, middle, and high schools, as well as numerous child care and assisted living facilities.

The Reno-Sparks Convention & Visitors Authority estimates over 4.6 million tourists visit the Truckee Meadows annually. The area is noted for its special events and in 2015, over 675,000 visitors attended these events in the Sparks alone. Depending on the event, an additional 500 to 50,000 visitors add to the city's population and increase demands on local response agencies. The Sparks Nugget, one of the larger hotel-casino in the Reno-Sparks area is located just a few blocks from SFD Station 1.

- \* What percentage of your primary response area is for agriculture, wildland, open space, or undeveloped properties? 15 %
- \* What percentage of your primary response area is for commercial and industrial purposes? 20 %
- \* What percentage of your primary response area is used for residential purposes? 65 %

\* What is the permanent resident population of your Primary/First-Due Response Area or jurisdiction served? (whole numbers only) 92215

\* 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? (whole numbers only) 78

\* How many members in your department/organization are trained to the level of EMR or EMT, Advanced EMT or Paramedic? (whole numbers only) 78

Does your department have a Community Paramedic program?

No

How many personnel are trained to the Community Paramedic level? (whole numbers only) 0

\* How many stations are operated by your organization? (whole numbers only) 5

\* 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. AFG does not require NFIRS reporting for Nonaffiliated EMS Organizations and State Fire Training Academy.

If you answered "Yes" above, please enter your FDIN/FDID

16002

\* How many of your active firefighters are trained to the level of Firefighter I (or equivalent)? (whole numbers only)

78

\* How many of your active firefighters are trained to the level of Firefighter II (or equivalent)? (whole numbers only, include all personnel who have attained Firefighter I)

78

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

No

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 Firefighter II level in this application, please describe in the box below your training program and your plans to bring your membership up to Firefighter II.

\* What services does your organization provide?

Advanced Life Support

Emergency Medical Responder

Rescue Operational Level

Basic Life Support

Haz-Mat Operational Level

Rescue Technical Level

Haz-Mat Technical Level

Structural Fire Suppression

Wildland Fire Suppression

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

Located in western Nevada, Sparks is home to over 92,000 residents in a 36-sq. mi. area, making it the 5th most populous city in the state. Sparks was the fastest growing city in Nevada prior to the recession and, although our growth rate has moderated, the city's population still increased roughly 5% between FY07 and FY16. At least 37% of the City's population is high risk, children under 18 and adults over 65 (US Census Bureau).

The Sparks Fire Department (SFD) not only serves the city's resident population, but also a widely fluctuating number of visitors, as well as those in our mutual and automatic aid areas. With 87 career personnel (suppression, prevention and admin), SFD operates five (5) full time fire stations. In FY16, the department responded to 12,822 calls for service. Of these, over 80% were for emergency medical services. Since 2007, our call volume has increased over 61% (7,955 calls in 2007 vs 12,822 calls in 2016).

SFD has automatic or mutual aid agreements with the following organizations:

- Truckee Meadows Fire Protection District
- Reno Fire Department
- Storey County Fire Protection District
- Bureau of Land Management
- Nevada Division of Forestry
- Reno Air National Guard
- Reno-Sparks Indian Colony
- California Office of Emergency Services
- Airport Authority of Washoe County

SFD also provides assistance under the following agreements:

- Nevada Master Mutual Aid Agreement
- Lake Tahoe Regional Chiefs Agreement
- Sierra Front Agreement
- Emergency Management Assistance Compact
- Supplemental Interstate Compact for Emergency Mutual Assistance
- Regional Hazardous Materials Response Agreement
- Truckee River Hazardous materials Alliance

Combined, these agreements substantially increase the department's response area, particularly during the wildland fire season.

Of the 78 suppression personnel in the department, two (2) are EMT-B, 61 are EMT-A, and 15 are paramedics. All front-line apparatus are licensed by the State to provide Intermediate Life Support. SFD is the only large paid department in Northern Nevada that does not provide paramedic service. In August 2016, the City Council authorized the department to begin providing paramedic service in the City. The start date for this service is 4/1/17.

One of the most significant purchases we face in implementing paramedic service is the acquisition of new cardiac monitors/defibrillators capable of providing 12 lead EKG, capnography, and CPR assistance technologies. If SFD is successful in obtaining this grant, it will free up other funds to purchase additional equipment and supplies needed for our paramedic program. It should be noted that associated personnel costs, including the hiring of five (5) new FF/paramedics, has been approved by the City Council, and the hiring process for these new employees has begun.

SFD also operates several special teams including a 24-member regional hazardous materials team, a 21-member technical rescue team, and an 18-member water rescue team.

Fire department responders operate in accordance with National Preparedness Guidelines for all-hazard preparedness incorporating prevention, protection, response, and recovery into the department's core vision and operational philosophies. Within the last decade, FEMA recognized Sparks as one of its ten Project Impact Star Communities, noting that Communities like Sparks are making great strides in education and protecting its residents from disasters and shine as an inspiration for other cities to follow.

SFD requests funding to replace our outdated defibrillators with new ones that have 12 lead EKG capabilities, capnography technology and CPR assistance. This will enable us to provide a higher level of care to our citizens and improve interoperability with our neighboring responders.

**Fire Department Characteristics (Part II)**

	2015	2014	2013
* What is the total number of fire-related civilian fatalities in your jurisdiction over the last three calendar years?	0	1	1
* What is the total number of fire-related civilian injuries in your jurisdiction over the last three calendar years?	0	1	0
* What is the total number of line of duty member fatalities in your jurisdiction over the last three calendar years?	0	0	0
* What is the total number of line of duty member injuries in your jurisdiction over the last three calendar years?	8	10	7
*Over the last three years, what was your organization's operating budget?	14606597		
* How much of your TOTAL budget is dedicated to personnel costs (salary, overtime and fringe benefits)?	12694929		

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

Yes
-----

If yes, what is the total amount currently set aside?

60348

\* What percentage of your annual operating budget is derived from:  
Enter numbers only, percentages must sum up to 100%

	2015	2014	2013
<u>Taxes?</u>	97 %	99 %	99 %
Bond Issues?	0 %	0 %	0 %
<u>EMS Billing?</u>	0 %	0 %	0 %
Grants?	3 %	1 %	1 %
Donations?	0 %	0 %	0 %
Fund drives?	0 %	0 %	0 %
<u>Fee for Service?</u>	0 %	0 %	0 %

\* Applicants should describe their financial need and how consistent it is with the intent of the AFG Program. This statement should include details describing the applicant's financial distress, including summarizing budget constraints, unsuccessful attempts to obtain vehicle and outside funding, and proving the trouble is out of their control.

Like many areas of the country, the City of Sparks experienced significant fiscal impacts during the recession and economic downturn of 2008 to 2014. These impacts were particularly severe in the City of Sparks as Nevada was on the front lines of the national housing collapse. During the recession, the median home price in Sparks fell approximately 62% and the area experienced an unemployment rate of over 15%. Although median home prices have recovered to near pre-recession levels and unemployment stands at about 4.5%, State law prevents local government agencies from keeping up with increasing property values, and property taxes account for more than 1/3 of the City's general fund.

In 2005, the Nevada State Legislature passed Assembly Bill 489 to cap property tax revenues using a formula based on an average 10 year, county-wide assessed value growth rate and a CPI. This formula resulted in a tax abatement to the City of Sparks of approximately \$4.6 million in FY17. These uncollectable property taxes are approximately 7.2% of the total revenues budgeted for the general fund for FY17.



This \$4.6 million reduction in property tax revenue has forced the City to prioritize expenditures to focus on service delivery, and resulted in underfunding expenditures for infrastructure and equipment (i.e., facilities, capital equipment, vehicles, etc.). This underfunding has left the City unable to meet critical infrastructure and equipment needs throughout the city.

The fire department is no different: our equipment and operating budgets have been cut drastically to maintain staffing levels and keep fire stations open, and we must compete with other departments for the limited funds the city has available for capital acquisitions.

The fire department's budget has gone from a high of \$16.7 million in FY07, to \$16.0 million in FY17, a reduction of 4.4%. Although our operating budget has declined, the population of the City increased almost 5% during the same period. Similarly, while the number of uniformed fire department employees has declined approximately 16% since 2007, our call volume has increased more than 61% since that time.

Over 87% of the department's FY17 budget is dedicated for personnel wages and benefits. Of the remaining 12.9% (\$2,056,762), \$1,560,698 is non-discretionary funding for apparatus replacement and items such as utilities, fuel, and contractual obligations for maintenance and repair. The remaining \$496,064 is discretionary funding used for the administrative and operational needs of the department: to maintain the fire prevention/safety areas of education, enforcement, fire investigation, and plan review; to train and equip three special teams - hazardous materials, technical rescue, and water rescue; to provide EMS to the community; to maintain and replace critical equipment such as PPE, SCBA, radios, defibrillators, and hose; and to make any large capital purchases.

Our department currently has 16 Zoll defibrillators. Eight (8) of these are over 10 years old. We are trying to replace four (4) of these older monitors with this grant. It is critical that we replace these defibrillators not only due to their age, but also to upgrade them to 12 lead EKG monitors that will allow us to provide paramedic level of service at three of our seven stations. We do not have the funds to replace all eight and hope to be awarded this grant to free up funds for other critical fire department needs.

This is the second time we have applied under this grant for new, full service cardiac monitors/defibrillators.

\* How many vehicles does your organization have in each 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. ( 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	5	3	38
Ambulances for transport and/or emergency response:	0	0	0
Tankers or Tenders (pumping capacity of less than 750 gallons per minute (gpm) and water capacity of 1,000 gallons or more):	1	0	2
Aerial Apparatus: Aerial Ladder Truck, Telescoping, Articulating, Ladder Towers, Platform, Tiller Ladder Truck, Quint	2	1	14
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	4	0	17
Rescue Vehicles: Rescue Squad, Rescue (Light, Medium, Heavy), Technical Rescue Vehicle, Hazardous Materials Unit	3	0	11

**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

**2**

**1**

**9**

**Fire Department Call Volume**

2015 2014 2013

\* **Summary of responses per year by category** (Enter whole number only. If you have no calls for any of the categories, Enter 0)

Fire - NFIRS Series 100	247	222	246
Overpressure Rupture, Explosion, Overheat (No Fire) - NFIRS Series 200	5	7	5
Rescue & Emergency Medical Service Incident - NFIRS Series 300	8776	8562	7781
Hazardous Condition (No Fire) - NFIRS Series 400	279	226	172
Service Call - NFIRS Series 500	632	506	525
Good Intent Call - NFIRS Series 600	1128	634	603
False Alarm & False Call - NFIRS Series 700	468	395	435
Severe Weather & Natural Disaster - NFIRS Series 800	7	6	1
Special Incident Type - NFIRS Series 900	8	2	7

**FIRES**

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

Of the NFIRS Series 100 calls, how many are "Structure Fire" (NFIRS Codes 111-120)	95	95	83
Of the NFIRS Series 100 calls, how many are "Vehicle Fire" (NFIRS Codes 130-138)	44	39	38
Of the NFIRS Series 100 calls, how many are "Vegetation Fire" (NFIRS Codes 140-143)	34	45	55
What is the total acreage of all vegetation fires?	100	100	100

**RESCUE AND EMERGENCY MEDICAL SERVICE INCIDENTS**

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

Of the NFIRS Series 300 calls, how many are "Motor Vehicle Accidents" (NFIRS Codes 322-324)	580	520	435
Of the NFIRS Series 300 calls, how many are "Extrications from Vehicles" (NFIRS Code 352)	6	4	3
Of the NFIRS Series 300 calls, how many are "Rescues" (NFIRS Codes 300, 351, 353-381)	123	99	201
How many EMS-BLS Response Calls	8776	8562	7781
How many EMS-ALS Response Calls	0	0	0
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

**MUTUAL AND AUTOMATIC AID**

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

How many times did your organization receive Mutual Aid?	12	14	17
How many times did your organization receive Automatic Aid?	132	158	123
How many times did your organization provide Mutual Aid?	57	46	58
How many times did your organization provide Automatic Aid?	257	161	139
Of the Mutual and Automatic Aid responses, how many were structure fires?	13	20	12

**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" to Question 2, please explain how this request benefits other organizations below:

Obtaining this equipment will benefit the other EMS providers we interact with on a regular basis, including the Truckee Meadows Fire Protection District (TMFPD), Reno Fire Department, and the local transport ambulance agency (REMSA).

SFD is the only EMS provider in the area without 12 lead EKG, capnography, and CPR assist technologies. Acquiring these monitors will allow us to assist other agencies by obtaining 12 lead EKGs and capnography readings prior to their arrival. This will reduce on scene time and give us the capability of alerting hospitals of our findings, helping to identify incoming STEMI patients, and reducing door to balloon times (the time between a heart attack patient's arrival at the hospital to the time he/she receives percutaneous coronary intervention (PCI) such as angioplasty).

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

\$0

\* 4. Are you requesting a Micro Grant?  
A Micro Grant is limited to \$25,000 Federal share. Modification to Facilities activity is ineligible for Micro Grants.

No

**Request**    **alls**

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

Activity	Number of Entries	Total Cost	Additional Funding	Action
Equipment	1	\$ 117,148	\$ 0	<a href="#">View Details</a> <a href="#">View Additional Funding Narratives</a>
Modify Facilities	0	\$ 0	\$ 0	<a href="#">View Details</a>
Personal Protective Equipment	0	\$ 0	\$ 0	<a href="#">View Details</a>
Training	0	\$ 0	\$ 0	<a href="#">View Details</a>
Wellness and Fitness Programs	0	\$ 0	\$ 0	<a href="#">View Details</a>
Grant-writing fee associated with the preparation of this request.			\$0	

**Firefight. Equipment - Additional Funding (optional unless you're applying for Training funds)**

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Budget Object Class Definitions

	Additional Funding		
a. Personnel		<a href="#">Help</a>	\$ 0
b. Fringe Benefits		<a href="#">Help</a>	\$ 0
c. Travel		<a href="#">Help</a>	\$ 0
d. Equipment		<a href="#">Help</a>	\$ 0
e. Supplies		<a href="#">Help</a>	\$ 0
f. Contractual		<a href="#">Help</a>	\$ 0
g. Construction		<a href="#">Help</a>	\$ 0
h. Other		<a href="#">Help</a>	\$ 0
i. Indirect Charges		<a href="#">Help</a>	\$ 0
j. State Taxes		<a href="#">Help</a>	\$ 0

**Explanation**

## Firefight 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. \*4000 characters

### STATEMENT OF INTENT

This grant will purchase four (4) new cardiac monitors/defibrillators for the Sparks Fire Department (SFD). The cardiac monitors/defibrillators will go on front line apparatus that provide EMT-Paramedic level of service. The plan includes the acquisition, assignment to apparatus, and training of personnel on the new equipment. The new cardiac monitors/defibrillators will replace four (4) of our existing 10+ year old monitors that, due to recent FDA requirements for medical devices, are rapidly becoming obsolete. The new full-featured devices will expand our scope of practice and improve the quality of emergency medical care we provide.

### IDENTIFIED RISK

After conducting a risk assessment and gap analysis, we determined our EMS care is showing deficiencies in the following areas:

1. Inability to obtain 12-lead cardiac rhythm interpretation. Our current cardiac monitors are 3-lead capable only.
2. Lack of End Tidal Carbon Dioxide (EtCO<sub>2</sub>) monitoring to confirm advanced airway placement and evaluate the effectiveness of positive pressure ventilations. We currently use obsolete colorimetric technology.
3. Quantitative feedback on the quality of CPR being performed in real-time. Currently we have no CPR assistance technology.
4. Lack of interoperability with all other regional Fire/EMS providers who provide an EMT-Paramedic level of service utilizing 12-lead capable cardiac monitors/defibrillators with EtCO<sub>2</sub> monitoring and CPR assistance.

These deficiencies are magnified by our increasing call volume. In FY 2016, SFD ran over 11,000 EMS calls, and was the initial EMS provider on approximately 4,200 of these calls. On the calls where we were first on-scene, we identified approximately 1,500 incidents where the patient either reported or displayed signs and/or symptoms warranting the use of a cardiac monitor. This includes cardiac arrest, chest pain, cardiac rhythm disturbance, respiratory distress, syncope, seizure, altered level of consciousness, and stroke.

Additionally, an analysis of incident reports for FY16 identified another 2,100+- critical EMS procedures where full featured cardiac monitors/defibrillators may have benefited the patient. These procedures included CPR, advanced airway placement, defibrillation, cardiac monitoring, and pulse oximetry. As paramedic providers, there will be even more opportunities to use the cardiac monitors/defibrillators for capnography, cardioversion, pacing, and 12-lead EKG acquisition.

### SOLUTION/BUDGET

To correct these deficiencies, we are requesting grant funding to purchase four (4) cardiac monitors/defibrillators with 12-lead capabilities, EtCO<sub>2</sub> monitoring and CPR assistance. Additional costs include rechargeable batteries, battery charging stations, and a rhythm simulator.

The total funding needed to implement this plan is \$117,148 with \$106,499 in grant funding and \$10,649 in matching funds (90%/10%). Equipment costs are:

- Four (4) cardiac monitors/defibrillators (unit price \$28,014 for a total of \$112,056)
- Four (4) SpO<sub>2</sub>/SpCO/SpMet reusable cables with sensors (unit price \$763 for a total of \$3,052)
- Eight (8) rechargeable batteries (unit price \$346.50 for a total of \$2,772)
- Two (2) SurePower battery charging stations (unit price \$1,235 for a total of \$2,470)
- One (1) 12-lead ECG simulator (unit price \$799)
- \$4,000 credit on four (4) of the 10+ year old Zoll M Series cardiac monitors/defibrillators currently used by SFD



Grant funds will be used only in the acquisition of the cardiac monitor/defibrillator equipment. Assignment of equipment to apparatus, as well as training on the new equipment, will be the responsibility of our training division. Assisting our training captains will be our Battalion EMS coordinators. Together they will develop lesson plans and ensure all personnel receive training and performance standard testing before any of the new cardiac monitors are put into service.

\* 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. \*4000 characters

#### BENEFITS/MEASURABLES

Total project costs are reasonable and consistent for manufacturers of similar cardiac monitors/defibrillators. With a city population of 92,215 residents, an AFG award in the amount of the requested \$105,433 (90% of total project costs) would result in a tax savings of \$1.14 per resident. The following items are measurable occurrences of how benefits will be realized by the department and community:

- Acquisition of 12-lead cardiac rhythm interpretations for early STEMI alert.
- Compliance with ACLS guidelines for the treatment of bradycardic and tachycardic patients.
- EtCO2 monitoring to ensure proper advanced airway placement and evaluate the effectiveness of positive pressure ventilations.
- High quality CPR with minimal interruptions.
- Increased efficiency through fully automated features allowing us to perform more critical skills.
- Increased interoperability at the EMT-Paramedic level with all regional agencies who we share auto and mutual aid agreements with.
- Avoiding failure of existing cardiac monitors and/or batteries resulting in a negative patient outcomes, due to the age of existing units.
- Decrease in overall maintenance and repair costs, due to the age of existing units.

These specific benefits will be measured through our existing cardiac monitor management program, and the documentation of all calls where the new monitors are used and the associated EMS procedures are performed. Our current medical charting platform, Fire RMS, allows us to capture this data and systematically analyze trends.

#### EFFICIENT USE OF FUNDS/ANTICIPATED SAVINGS

Grant funds will be used only for acquisition of four (4) cardiac monitors/defibrillators and related equipment. All training will be conducted in-house with no additional costs incurred. Contributing to the efficient use of grant funds will be our department's certified cardiac monitor technicians who oversee the monitor management program. These individuals will continue our existing program of inventory control, service testing, maintenance/repairs, and acting as liaisons with the monitor manufacturer.

We anticipate increasing problems with maintenance and serviceability on our existing cardiac monitors/defibrillators as many are over ten years old. In the past three years, we have had monitor failures during testing requiring the monitors to be taken out of service and sent back to the manufacturer. Our technicians have replaced internal components on all front line cardiac monitors and we have had numerous battery failures. Not only are these maintenance problems expensive to repair, they are time consuming for our monitor technicians and may be precursors of more frequent failures in the future. Any failure when attempting to defibrillate a patient would significantly decrease the likelihood of a patient's survivability.

Our current compliment of monitors consists of sixteen (16) Zoll cardiac monitors/defibrillators. Of these, eight (8) are M-Series models manufactured in 2006 and eight (8) are E-series models manufactured in 2011. Our department was recently notified that Zoll is having difficulty procuring replacement parts for M-series monitors manufactured prior to 2007. With direct replacement parts no longer readily available, our ability to service and repair these devices is directly impacted. A grant award would satisfy our department's immediate need to replace four (4) of the older M-series monitors on front line apparatus.

#### CREDIBILITY

The Spaulding Fire Department has a successful grant management record which includes Assistance to Firefighters Grants, Community Redevelopment Block Grants, Office of Traffic Safety Highway Administration Funds, and Local Emergency Planning Commission Grants. The fire department works closely with our finance department to ensure all required grant reports and audits are completed in accordance with federally mandated standards.

\* Section # 3 Statement of Effect: How would this award impact the daily operations of your department? How would this award impact your department's ability to protect lives and property in your community? \*4000 characters

#### STATEMENT OF EFFECT

This award will increase our ability to protect lives in our community by providing a superior level of pre-hospital care, positively impacting patient outcomes. The significant features of these new monitors/defibrillators are 12-lead cardiac rhythm interpretation, EtCO2 monitoring and automated CPR assistance, all of which will dramatically improve the level of care we provide.

12-lead EKG will promote early STEMI alerts. By recognizing STEMIs and alerting receiving hospitals earlier we can help achieve the recommended 90-minute time frame from symptom onset to angioplasty. Studies have shown this contributes significantly in achieving timely reperfusion and improving patient outcomes.

EtCO2 is rapidly becoming accepted as a baseline vital sign, but it is one we currently have no way to capture. EtCO2 monitoring is used to ensure proper airway placement, adequate ventilations, and effective cellular respiration. This monitoring tool is the gold standard for advanced airway placement and can help evaluate the quality of CPR being performed via cellular respiration feedback. Lacking this equipment on our current monitors is detrimental to the level of care we are able to provide our patients.

Automated CPR assistance is another feature offered on the new cardiac monitors/defibrillators that helps EMS providers deliver consistent and effective CPR. Studies have shown the effectiveness of this new technology. For example, when several Arizona fire departments deployed automated CPR assistance in combination with scenario-based training, the likelihood of patient survival nearly tripled. In a study involving 484 patients, the odds of surviving cardiac arrest were 2.7 times better when automated CPR assistance was utilized during pre-hospital care.

This grant will also have a positive impact on the daily operations of our department by improving our interoperability with neighboring fire departments and the local ambulance transport agency (REMSA). All regional fire departments and REMSA are using modern cardiac monitors/defibrillators that utilize 12-lead EKG interpretation, EtCO2 monitoring, and automated CPR assistance. When working an EMS call with our EMS partners, our cardiac monitors are substandard and used only when necessary. It is difficult to coordinate efforts with our emergency partners because our equipment does not have the same features and capabilities as their monitors. The acquisition of new cardiac monitors/defibrillators would benefit our daily operations by allowing us to work more seamlessly with other agencies while providing the same level of care to our most critical EMS patients.

With the financially driven reduction in our staffing from four-person engine companies in 2008, to three-person companies currently, it is more challenging than ever to accomplish all the necessary actions during a time sensitive EMS call while awaiting REMSA. The automatic acquisition of vital signs (NIBP, SpO2, and HR), offered by the new cardiac monitors/defibrillators, will free up personnel to perform more skill oriented tasks such as IV/IO access, advanced airway placement, and medication administration.

While it is difficult to compare intangibles like the health and well-being of the public to any amount of money, even a single diminished patient outcome, caused by our outdated cardiac monitors is unacceptable in terms of its emotional and financial costs. Approval of this award will correct the deficiencies we are currently facing with our obsolete cardiac monitors and will enable our personnel to operate much more effectively at the EMT-Paramedic level.

**Budget**

Budget Object Class

a. Personnel	\$ 0
b. Fringe Benefits	\$ 0
c. Travel	\$ 0
d. Equipment	\$ 117,148
e. Supplies	\$ 0
f. Contractual	\$ 0
g. Construction	\$ 0
h. Other	\$ 0
i. Indirect Charges	\$ 0
j. State Taxes	\$ 0
<b>Federal and Applicant Share</b>	
Federal Share	\$ 106,499
Applicant Share	\$ 10,649
Applicant Share of Award (%)	10

\* Non-Federal Resources (The combined Non-Federal Resources must equal the Applicant Share of \$ 10,649)

a. Applicant	\$ 10,649
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.

**Total Budget**

**\$ 117,148**

**Assurances and Certifications**

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**FEMA Form SF 424B**

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**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 **Chris Maples** on 11/17/2016

**Form 20-**

**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

15

15

15

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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 **Chris Maples** on 11/17/2016

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**FEMA Standard Form LLL**

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

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**Submit Application**

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<b>Application Area</b>	<b>Status</b>
Applicant's Acknowledgements	Complete
Overview	Complete
Contact Information	Complete
Applicant Information	Complete
Applicant Characteristics (I)	Complete
Applicant Characteristics (II)	Complete
Department Call Volume	Complete
Request Information	Complete
Request Details	Complete
Budget	Complete
Narrative Statement	Complete
Assurances and Certifications	Complete

**PLEASE READ THE FOLLOWING STATEMENTS BEFORE YOU SUBMIT.**

- YOU WILL NOT BE ALLOWED TO EDIT THIS APPLICATION ONCE IT HAS BEEN SUBMITTED. If you are not yet ready to submit this application, save it, and log out until you feel that you have no more changes.
- When you submit this application, you, as an authorized representative of the organization applying for this grant, are certifying that the following statements are true:

To the best of my knowledge and belief, all data submitted in this application are true and correct.

This application has been duly authorized by the governing body of the applicant and the applicant will comply to the Assurances and Certifications if assistance is awarded.

To sign your application, check the box below and enter your password in the space provided. To submit your application, click the Submit Application button below to officially submit your application to FEMA.

**Note:** Fields marked with an \* are required.

I, Chris Maples, am hereby providing my signature for this application as of 17-Nov-2016.