

Department Call Volume

	2010	2009	2008
* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)			
Working Structural Fires	3849	3958	4212
False Alarms/Good Intent Calls	10263	10405	12601
Vehicle Fires	2153	2485	2911
Vegetation Fires	435	401	497
EMS-BLS Response Calls	114352	111177	111607
EMS-ALS Response Calls	195673	198612	191718
EMS-BLS Scheduled Transports	55450	55706	55215
EMS-ALS Scheduled Transports	135859	141469	137072
Vehicle Accidents w/o Extrication	12267	13010	13193
Vehicle Extrications	35	52	68
Other Rescue	1856	1974	2238
Hazardous Condition/Materials Calls	4384	4314	4700
Service Calls	8801	9105	8825
Other Calls and Incidents	21128	29225	27637
Total	566505	581893	572494
* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)			
What is the total acreage of all vegetation fires?	400	200	29371
* How many responses per year by category? (Enter whole numbers only. If you have no calls for any of the categories, enter 0)			
In a particular year, how many times does your organization receive mutual/automatic aid?	2018	1855	1854
In a particular year, how many times does your organization provide mutual/automatic aid? (Please indicate the number of times your department provides or receives mutual aid. Do not include first-due responses claimed above.)	1785	1750	1954
Out of the mutual/automatic aid responses, how many were structure fires?	1009	975	927

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?

No

If you answered Yes to Question 2 above, please explain.

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

\$0

Request Details

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

Activity	Number of Entries	Total Cost	Additional Funding
Equipment	3	\$ 2,011,490	\$ 24,960
Modify Facilities	0	\$ 0	\$ 0
Personal Protective Equipment	0	\$ 0	\$ 0
Training	0	\$ 0	\$ 0
Wellness and Fitness Programs	0	\$ 0	\$ 0

* Total Funding for all EMS requested in this application \$1,508,000 [View Details](#)

Grant-writing fee associated with the preparation of this request. \$0

Equipment**Equipment Details**

1. What equipment will your organization purchase with this grant? Automated External Defibrillators (AEDs)
Please provide further description of the item selected above or if you selected Other above, please specify. AEDs with biphasic defibrillation

2. Number of units: 288 (whole number only)

3. Cost per unit: \$ 3500 (whole dollar amounts only)

4. Generally the equipment purchased under this grant program is:

The equipment will replace old, obsolete, or substandard equipment currently owned by your organization

If you selected "replacing equipment" (from Q4) above, please specify the age of equipment in years. 7 Years

5. Generally the equipment purchased under this grant program is:

Will bring the organization into voluntary compliance with a national Current LAFD equipment inventory consist

standard, e.g. compliance with NFPA, OSHA, etc.
Please explain how this equipment will bring the organization into voluntary compliance in the space provided to the right.

of primarily older units. The older units do not have the capability to perform industry standards such as 3-lead ECG monitoring, readable screens, compatibility with EPCR and current ALS monitor devices. The AEDs are exceeding AHA's recommended lifespan reliability and the discontinuation of our current devices will challenge LAFD's EMS mission of providing the best EMS Service to the citizens of Los Angeles

6. Does this equipment provide a health and safety benefit to the members of your organization? If yes, please fully explain in the narrative section.

Yes

7. Will the item requested benefit other organizations or otherwise be available for use by other organizations?

Yes

If you answered Yes in the question above, please explain:

LAFD provides paramedic ALS and BLS EMS, specialist-level hazmat response, Urban Search and Rescue, Swift Water Rescue, Paramedic Cycle Teams, Brush Patrols, and service to Los Angeles International Airport, Ontario International Airport and the Port of Los Angeles. The Los Angeles Fire Department also responds throughout the region as a mutual aid and automatic aid partner to numerous fire departments within the region. In 2010, the LAFD provide mutual aid/automatic aid to 1785 incidents.

8. Will this equipment be used for wildland firefighting purposes?

No

9. Is your department trained in the proper use of the equipment being purchased with grant funds?

Yes

If not, will you be asking for training funds for this purpose with this application or will you obtain the appropriate training through other sources?

No

Equipment

Equipment Details

1. What equipment will your organization purchase with this grant?

Mobile Data Terminal (MDT)

Please provide further description of the item selected above or if you selected Other above, please specify.

2. Number of units:

78 (whole number only)

3. Cost per unit:

\$ 6455 (whole dollar amounts only)

4. Generally the equipment purchased under this grant program is:

The equipment will increase your organization's capabilities within existing mission areas or to address a new risk

If you selected "replacing equipment" (from Q4) above, please specify the age of equipment in years.

5 Years

5. Generally the equipment purchased under this grant program is:

Has no statutory basis

6. Does this equipment provide a health and safety benefit to the members of your organization? If yes, please fully explain in the narrative section. Yes

7. Will the item requested benefit other organizations or otherwise be available for use by other organizations? Yes

If you answered Yes in the question above, please explain:

LAFD provides paramedic ALS and BLS EMS, specialist-level hazmat response, Urban Search and Rescue, Swift Water Rescue, Paramedic Cycle Teams, Brush Patrols, and service to Los Angeles International Airport, Ontario International Airport and the Port of Los Angeles. The Los Angeles Fire Department also responds throughout the region as a mutual aid and automatic aid partner to numerous fire departments within the region. In 2010, the LAFD provide mutual aid/automatic aid to 1785 incidents.

8. Will this equipment be used for wildland firefighting purposes? Yes

9. Is your department trained in the proper use of the equipment being purchased with grant funds? Yes

If not, will you be asking for training funds for this purpose with this application or will you obtain the appropriate training through other sources? No

Equipment

Equipment Details

1. What equipment will your organization purchase with this grant? Other EMS/Rescue (explain)
Please provide further description of the item selected above or if you selected Other above, please specify. 12-lead Electrocardiogram (ECG) monitors/defibrillators
2. Number of units: 25 (whole number only)
3. Cost per unit: \$ 20000 (whole dollar amounts only)
4. Generally the equipment purchased under this grant program is:

The equipment will replace old, obsolete, or substandard equipment currently owned by your organization

If you selected "replacing equipment" (from Q4) above, please specify the age of equipment in years. 5 Years

5. Generally the equipment purchased under this grant program is:

Will bring the organization into voluntary compliance with a national standard, e.g. compliance with NFPA, OSHA, etc.
Please explain how this equipment will bring the organization into voluntary compliance in the space provided to the right.

This equipment will ensure that the LAFD maintains compliance with current training, patient care, and equipment standards including, but not limited to: NFPA Standards (NFPA 450: Guide for Emergency Medical Services and Systems, NFPA 473: Standard for Competencies for EMS Personnel

6. Does this equipment provide a health and safety benefit to the members of your organization? If yes, please fully explain in the narrative section.

Responding to Hazardous Materials/WMD Incidents) and FDA Standards (21CFR870.5300: Performance Standard for DC-Defibrillator Including Paddles, 21CFR870.1025: Performance Standard for Arrhythmia Detector and Alarm).

Yes

7. Will the item requested benefit other organizations or otherwise be available for use by other organizations?

Yes

If you answered Yes in the question above, please explain:

LAFD provides paramedic ALS and BLS EMS, specialist-level hazmat response, Urban Search and Rescue, Swift Water Rescue, Paramedic Cycle Teams, Brush Patrols, and service to Los Angeles International Airport, Ontario International Airport and the Port of Los Angeles. The Los Angeles Fire Department also responds throughout the region as a mutual aid and automatic aid partner to numerous fire departments within the region. In 2010, the LAFD provide mutual aid/automatic aid to 1785 incidents.

8. Will this equipment be used for wildland firefighting purposes?

No

9. Is your department trained in the proper use of the equipment being purchased with grant funds?

Yes

If not, will you be asking for training funds for this purpose with this application or will you obtain the appropriate training through other sources?

No

Firefighting Equipment - Additional Funding (optional)

Budget Object Class Definitions

	Additional Funding	
a. Personnel	Help	\$ 0
b. Fringe Benefits	Help	\$ 0
c. Travel	Help	\$ 0
d. Equipment	Help	\$ 0
e. Supplies	Help	\$ 0
f. Contractual	Help	\$ 24960
g. Construction	Help	\$ 0
h. Other	Help	\$ 0
i. Indirect Charges	Help	\$ 0

j. State Taxes

[Help](#)

\$ 0

Explanation

Intalation costs = \$320 per vehicle

Explaine better

Firefighting Equipment - Narrative

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

Los Angeles Fire Department has initiated an EMS patient care improvement project. This three pronged program is designed to update equipment to current standards, provide the LAFD with state of the art equipment, and reduce response times, thus improving patient care and cardiac survivability. Part one of the program is to replace older/obsolete AED with new units. The second element of the patient improvement program is the replacement of older/obsolete 12-lead monitor/defibrillators. This new equipment will meet the current standard of care, improve patient outcomes, and improve our operational efficiency. In the third component, the LAFD is undertaking a Department wide project to install in-vehicle mapping, GPS locating and routing as well as Automated Vehicle Locating (AVL) in all fire apparatus. The AVL solution will have the most significant impact for emergency fire and paramedic services in the City of Los Angeles by identifying the closest resources, therefore reducing response times. The expected drop in response times and paramedic to patient times will speed delivery of essential patient care when seconds count.

The current LAFD AED inventory consists of approximately 288 Phillips HeartStart FR-2. The American Hospital Association recommends a five-year lifespan for a defibrillator. In 2011, the LAFD's entire AED inventory exceeded the recommended lifespan and the replacement of these units has become a high priority. In addition, Phillips has notified LAFD that they will no longer manufacture the device or accessories. These units are becoming inoperable and as the current inventory of batteries and pads are consumed; replacements will not be available. The LAFD is requesting funds in the AGF grant to upgrade the inventory to AEDs with biphasic defibrillation. Each unit will include additional capabilities including readable 3-lead ECG display, compatibility with current ALS monitor/defibrillators and with our Federal mandated Electronic Patient Care Reports to improve patient care.

The current LAFD ALS cardiac equipment consists of 200 cardiac monitor/defibrillators, capable of 12 lead analyses. In 2009, many of the monitor/defibrillators exceeded their recommended lifespan of five years and the LAFD utilized an AFG grant to replace 100 monitor/defibrillators. The remaining units have limited capabilities and lack the latest technological advances that have shown to enhance patient care.

The third component of our patient improvement project is adding AVL in all apparatus. Our current immediate challenge is the hardware, or the Mobile Data Computers (MDC) installed in the vehicles. Approximately 50% of our fleet is equipped with obsolete computers that are at or over their five-year expected service life. More importantly, the early model computers do not have the computing power to process the AVL mapping at a reasonable rate. The LAFD is requesting AFG funds to supplement general fund purchases of MDC replacements.

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

At the completion of this grant, the LAFD will be able to respond quicker and more efficiently due to AVL, intervene with state of the art BLS and ALS equipment and directly affect patient outcomes. This grant will allow the LAFD to detect treatable cardiac emergencies faster, providing a lower death rate and a higher quality of care. In addition, LAFD's older units do not have the capability to perform industry standard cardiac pacing or Carbon Monoxide (CO)

monitoring. A vital concern is the monitoring of CO levels for both responders and patients. Each year, CO claims the lives of nearly 3,800 and is the most commonly reported form of poisoning in the United States.

The addition of this equipment to the LAFD will provide enhanced patient care, meet industry standards, and provide consistent care from dispatch through treatment and transportation. The medical distress most commonly associated with EMS is a cardiac emergency. Medical studies show a dramatic increase in the risk of cardiac emergencies for adults over the age of 50. City of Los Angeles, Department of Planning's 2000 census data approximates 616,000 individuals over the age of 55 years old residing in Los Angeles. LAFD expects this will cause an annual 3% volume increase on EMS incidents.

LAFD responded to approximately 310,025 EMS incidents in 2010, which calculates to approximately 1 out of 12 (3,792,621 residents/310,025 EMS incidents = 12.23) residents in Los Angeles needing EMS in 2010. Of these incidents, approximately 195,673 were dispatched as ALS or about 1 out of 19 Los Angeles residents required ALS in 2010. Most of these ALS responses also included a BLS unit responding ahead of, or with, the primary ALS unit.

The cost of the LAFD EMS parent improvement project is \$2,011,490. Using the recommended five-year lifespan for the ALS, BLS and AVL equipment, the adjusted per year cost is \$402,298. By the end of the grant performance period, LAFD will respond to approximately 1,645,962 (310,025 incidents per year X 3% call increase per year X 5 years) EMS incidents. That equates to \$1.22 per EMS incident responded to during the life cycle of the much-needed equipment. As a requirement of the grant, the LAFD commits to the 20% match. This match will lower the of the federal cost share value per EMS call to \$.98 (\$1.22 x 80% federal cost share = \$.977) per EMS call for the life of the equipment.

The new equipment will allow LAFD to continue to meet and maintain NFPA 1901 of having AEDs on all fire apparatus. It will also ensure LAFD maintains compliance with current training, patient care, and equipment standards including, but not limited to: NFPA 450: Guide for Emergency Medical Services and Systems, NFPA 473: Standard for Competencies for EMS Personnel Responding to Hazardous Materials/WMD Incidents and FDA Standards (21CFR870.5300: Performance Standard for DC-Defibrillator including Paddles, 21CFR870.1025: Performance Standard for Arrhythmia Detector and Alarm).

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

The requested equipment will bring the LAFD into alignment with the current standards of care, improve patient outcomes and operational efficiency. The AFG grant will provide the LAFD critical clinical upgrades to the current AED inventory with 3-lead ECG monitoring, compatibility with ALS monitor/defibrillator, and data transfers. More importantly, the new equipment possesses newer, more reliable biphasic defibrillation, which provides the best opportunity to save a life in a cardiac arrest response. The addition of an AED with a readable ECG screen will allow the LAFD to have a surge capacity plan in effect to allow for creating additional paramedic units by adding a complement of paramedic supplies to any BLS unit. Creating additional surge capacity is one of the National Priorities and one of our region's strategic goals. At times in our history when we continue to be challenged by threats of terrorism, natural disasters, brush fires and earthquakes, deploying a device which allows for the utilization of our paramedic specialty skills, is paramount in our contingency planning.

LAFD defibrillators were utilized on 6,002 cardiac/respiratory arrests in the year 2010. Many of these cardiac arrests were initiated by the BLS units who were dispatched ahead of, or in conjunction with an ALS unit. In addition, LAFD responded to 22,985 chest pain incidents and numerous other incidents that had an initial complaint of difficult breathing. All told, 12 lead cardiac monitor/defibrillators were utilized for assessment on at least 62% of our EMS incidents. This equipment has proven to improve the time between EMS dispatch and definitive cardiac care such as cardiac catheterization. In the Sekulic Study of 2005, "Catherizations and Cardiovascular Interventions", it was found that the mean door-to-balloon time with a prehospital 12 lead provided while enroute to the hospital was 44 minutes when compared with the previous historical data that was 88 minutes without pre-hospital 12 lead EKG's. Results from this study found a decrease in length of stay for patients with ST segment elevation, indicating an acute myocardial infarction.

The 12 lead cardiac monitors will be utilized on every medical response for vital signs monitoring and our patient's odds of survival will be vastly improved. Rapid identification and treatment has been shown to preserve cardiac function, limit myocardial infarction size, and reduce morbidity and mortality. In short, minimal time to treatment yields maximum patient benefit.

This project will also directly impact firefighter safety. These units will regularly be used in firefighter rehabilitation

and carbon monoxide (CO) monitoring of personnel on the scene at fire incidents as well as all of the Special Operations disciplines. Firefighters entering the "rehab" sector can now be screened for CO exposure within seconds, significantly diminishing the potential for CO-related injury and long-term neurological and cardiac damage.

* Section # 4 In the space provided below include details regarding your organization's request not covered in any other section. *3000 characters

The AVL solution once integrated to the Computer Aided Dispatch System will enable the LAFD to always send the closest appropriate available resource to every incident. Additional benefits include real time vehicle mapping and guidance, thus reducing response times. The inclusion of the AVL project into the AFG grant will set the LAFD up to expedite the AVL solution fleet wide, and will also set the stage for future planned projects to incorporate vehicle to vehicle mesh networking, tactical information exchange and still photo and video up and down linking.

The LAFD has maintained an aggressive goal, as suggested by the American Heart Association as well as NFPA 1710, of placing an AED on scene of an EMS incident within five minutes, 90% of the time. The aggressive on scene goal coupled with a re-emphasis on sound CPR and timely defibrillation will assist the LAFD with its year-over-year increase in percentage of cardiac arrest saves. With the emphasis on our current goals, the LAFD has increased cardiac arrest saves each year from 16% in 2005 to 27% in 2010. The LAFD is confident that with reduced response times, newer devices that are more effective as well as an increased number of devices on responding resources, we can continue achieving a higher success rate with cardiac arrests.

Sudden Cardiac Arrest (SCA) is a leading cause of death in the United States, claiming an estimated 325,000 lives each year, of which 265,100 occur outside of the hospital environment. In the last few years, the LAFD has had four members stricken with sudden cardiac arrests while performing their duties. All members were successfully resuscitated due to the quick actions of other members, effective CPR and more importantly immediate defibrillation by an AED device that was assigned to one of the fire resources on scene. All members survived and eventually returned to full duty. LAFD has seen the value of these devices first hand with the successful resuscitation of our members. The LAFD is committed to ensuring these same results throughout the communities we serve.

The majority (96%) of LAFD's \$472 million annual budget (reduced by \$89 million over previous years) is dedicated to salary and personnel costs. Due to a recent economic budget shortfall, the City of Los Angeles, per discussions by the City Council, is projected to have a \$196 million deficit in the upcoming 2012-2013 fiscal year, and could exceed \$500 million; effectively reducing LAFD's annual budget by 10%.

Because of this deficit, the City of Los Angeles will not meet LAFD's requested financial support and LAFD will find it challenging to fund the upgrades and replacement of the much needed equipment without severely impacting the LAFD's core operations. Federal assistance is essential in order for the LAFD to be successful with the EMS patient improvement project's goal of raising our service level and providing outstanding patient care.

Budget

Budget Object Class

a. Personnel	\$ 0
b. Fringe Benefits	\$ 0
c. Travel	\$ 0
d. Equipment	\$ 2,011,490
e. Supplies	\$ 0
f. Contractual	\$ 24,960
g. Construction	\$ 0

h. Other	\$ 0
i. Indirect Charges	\$ 0
j. State Taxes	\$ 0

Federal and Applicant Share

Federal Share	\$ 1,629,160
Applicant Share	\$ 407,290
Federal Rate Sharing (%)	80/20

* **Non-Federal Resources** *(The combined Non-Federal Resources must equal the Applicant Share of \$ 407,290)*

a. Applicant	\$ 407,290
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	\$ 2,036,450
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Narrative Statement

For 2011, the Narrative section of the AFG application has been modified. You will enter individual narratives for the Project Description, Cost-Benefit, Statement of Effect, and Additional Information in the Request Details section for each Activity for which you are requesting funds. Please return to the Request Details section for further instructions. You will address the Financial Need in Applicant Characteristics II section of the application. We recommend that you type each response in a Word Document outside of the grant application and then copy and paste it into the spaces provided within the application.

Assurances and Certifications

FEMA Form SF 424B

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

Note: Fields marked with an * are required.

O.M.B Control Number 4040-0007

Assurances Non-Construction Programs

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

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

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

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

Signed by **Phil Orozco** on **09/12/2011**

Form 20-16C

You must read and sign these assurances.

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

Note: Fields marked with an * are required.

O.M.B Control Number 1660-0025

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

1. Lobbying

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

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

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

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

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

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

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

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

(c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and

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

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

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

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

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

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

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

- (1) The dangers of drug abuse in the workplace;
- (2) The grantee's 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

City

State

Zip

Action

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 Phil Orozco on 09/12/2011

FEMA Standard Form LLL

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

This form is not applicable