



THIS SECTION IS FOR STATE USE ONLY

FEMA DISASTER NUMBER: _____

FEMA Identification Number: _____	FEMA Application Submittal Date: _____
Tennessee Identification Number: _____	Tennessee Point of Contact:
Date SHMO Received Application: _____	State Hazard Mitigation Officer
Date Council Reviewed/Approved: _____	Tennessee Emergency Management Agency
5% Initiative: _____	3041 Sidco Drive
Large Project Notification Required: _____	Nashville, Tennessee 37204
Small Impoverished Community: _____	Office: (615) 741-1345
	Fax: (615) 242-4770

NOTE: All maps and photos must be in color.

A. APPLICANT/SUBAPPLICANT INFORMATION

01. Sub-Recipient Legal Name: Blount County Emergency Management Agency/Blount County government

02. Sub-Category/Public Entity Organizational Unit: County government

03. Sub-Recipient Type: ...

04. Will this be new construction or part of an ongoing project? ...

05. The Cost-Effectiveness methodology used for this project is FEMA's Benefit-Cost Analysis (BCA) Toolkit Ver 6.0

06. Proposed Total Estimated Cost: \$ 365,010.00

Federal Share (90%): \$ 328,509.00

Non-Federal Match (10%): \$ 36,501.00

B. GENERAL INFORMATION

01. Select the project type: 601.2 – Generator Regular

Project Name/Title: Blount County back-up generator project 2022

02. Select the HMGP project category from the dropdown list: R - Regular

03. In what County(s) is the project located? Blount

04. Tax ID Number: 62-6000495 FIPS Code: 009-470009 UEI Number: _____

05. U.S. Congressional District: 2 Congressman Name: Tim Burchett

State Senatorial District: 2 Senator Name: Art Swann

State Legislative District: 6 Representative Name: Jerome Moon

06. Certifications:

The undersigned assures the fulfillment of all requirements of the Hazard Mitigation Grant Program as contained in the program guidelines and that all information contained herein is true and correct to the best of my knowledge. The governing body of the applicant has duly authorized the document, commits to the non-Federal share identified in the Scope of Work/Budget, and hereby applies for the assistance documented in this application. Also, the applicant understands that the project may proceed **ONLY AFTER FEMA GRANT APPROVAL** is obtained.

Ed Mitchell

Typed Name of Authorized Representative Applicant Agent

County Mayor

Title

865-273-5700

Telephone Number

Signature of Authorized Representative Applicant Agent

Date Signed

GENERAL INFORMATION (continued)

07. Does the Applicant have a current FEMA-approved Part 201 State/Tribal Hazard Mitigation Plan (HMP)? Yes

08. If yes, select the type of State/Tribal plan: Standard State Mitigation Plan

a. If yes, what is the approval date of the State/Tribal HMP? 10/15/2018

b. If yes, what is the expiration date of the State/Tribal HMP? 10/15/2023

c. Is the proposed project in mitigation plan strategies? Yes

d. If yes, wherein the mitigation plan strategies is the proposed project located? Page 61 Line 44 Strategy 18.3

e. If yes, what is the approval date of the HMGP Administrative Plan? 09/28/2020

09. Do you as the Sub-Recipient have a current FEMA-approved Local Hazard Mitigation Plan (HMP)? Yes

a. If yes, what is the approval date of the local HMP? October 28, 2019

b. If yes, what is the expiration date of the local HMP? October 27, 2024

10. If Yes, what is the name of the local Hazard Mitigation Plan? Blount County TN Hazard Mitigation Plan

f. Is the proposed project in mitigation plan strategies? Yes

g. If yes, wherein the mitigation plan strategies is the proposed project located? Page 36 Section/Part Section 4: Mitigation Strategy

11. Is the community a member of good standing with the National Flood Insurance Program (NFIP)? Yes

12. What is the Community Identification Number (CID)? 470356

13. Is the proposed project located in a Special Flood Hazard Area (SFHA)? <https://www.fema.gov/glossary/special-flood-hazard-area-sfha> No If yes, identify SFHA ...

14. If the location of the project is in an identified Special Flood Hazard Area and the structure remains in the Special Flood Hazard Area, are all NFIP requirements being addressed? N/A

15. Do all the properties included in the subgrant application have flood insurance? (Not required for minor localized flood control projects; however, it is for FMA) N/A

16. Is your community considered a *small-impooverished community*? (Please see criteria below) No
As a small, impoverished community you may be eligible for an increase in cost-share up to 90% federal/10% non-federal.
The criteria to be considered a small impoverished community is as follows:

- Be a community of 3,000 or fewer individuals identified by the Applicant as a rural community that is not a remote area within the corporate boundaries of a larger city or jurisdictional area or boundary
- Be economically disadvantaged, with residents having an average per capita annual income not exceeding 80 percent of the national per capita income, based on best available data. For the most current information on the national income, see <http://www.bea.gov>.
- Have a local unemployment rate that exceeds by 1 percentage point or more the most recently reported, average yearly national unemployment rate. For the most current unemployment information, see <http://www.bls.gov/eag/eag.us.htm>.
- Meet other criteria required by the Applicant Applicants must certify and provide documentation of the community or jurisdictional status with the appropriate subapplication to justify the 90 percent cost-share. If documentation is not submitted with the subapplication, FEMA will provide no more than the standard 75 percent of the total eligible costs.

• Population Estimates 137,000

• Median Household Income \$ 60,301.00

• Unemployment Rate 2.90 percent

• Poverty Rate 9

You will need to submit this letter with the application.
Did you include your letter? N/A

C. ADMINISTRATIVE INFORMATION (i.e. CONTACT INFORMATION)

01. Application Prepared by:

Mr. First Name: Lance Last Name: Coleman
Title: Director Organization: Blount County Emergency Management Agency
Street Address: 341 Court Street
City: Maryville State: TN Zip Code: 37804
Phone: (865) 273-5835 Fax: (865) 273-5839 Mobile: (865) 548-1997 E-mail: lcoleman@blounttn.org

B. Primary Point of Contact:

The Primary Point of Contact is the person responsible for coordinating the implementation of this proposal if approval is granted.

Mr. First Name: Lance Last Name: Coleman
Title: Director Organization: Blount County Emergency Management Agency
Street Address: 341 Court Street
City: Maryville State: TN Zip Code: 37804
Phone: (865) 273-5835 Fax: (865) 273-5839 Mobile: (865) 548-1997 E-mail: lcoleman@blounttn.org

C. Alternate Point of Contact:

The Alternate Point of Contact is the person that can address questions or concerns in the Primary Point of Contact's absence.

Mr. First Name: Steven Last Name: Cardwell
Title: Assistant Director Organization: Blount County Emergency Management Agency
Street Address: 341 Court Street
City: Maryville State: TN Zip Code: 37804
Phone: (865) 273-5835 Fax: (865) 273-5839 Mobile: (865) 387-1631 E-mail: scardwell@blounttn.org

D. Financial Point of Contact:

The Financial Point of Contact is the person that can address questions/clarification of financial concerns, i.e., banking account, Edison automatic deposits, etc.

Mr. First Name: Brian Last Name: Baldwin
Title: Finance Director Organization: Blount County (TN) Government
Street Address: 341 Court Street
City: Maryville State: TN Zip Code: 37804
Phone: (865) 273-5719 Fax: (865) 273-5705 Mobile: (208) 921-8092 E-mail: bbaldwin@blounttn.org

E. Authorized Applicant Agent:

The Authorized Applicant Agent MUST be the chief executive officer, mayor, etc. This person must be able to sign contracts, authorize funding allocations or payments, etc.

Mr. First Name: Ed Last Name: Mitchell
Title: County Mayor Organization: Blount County (TN) Government
Street Address: 341 Court Street
City: Maryville State: TN Zip Code: 37804
Phone: (865) 273-5700 Fax: (865) 273-5705 Mobile: (865) 323-3136 E-mail: emitchell@blounttn.org

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D. PROJECT NARRATIVE & SCOPE OF WORK (continued)

01. The Blount County (TN) Government proposes to install **3** generator(s) at the following location(s). Describe existing conditions of the facility/facilities and indicate whether the project will be replacing or augmenting the current generator. Generators that are being used to replace existing units are required to show an increased level of protection, such as higher power rating or capacity, incorporating passive/automatic transfer, increasing fuel storage capacity, and extending anticipated emergency power duration.

Instructions: Do not generalize, but address the specific benefits (e.g., who, what, how, where, and when).

Note: A well-defined PN & SOW can also help expedite the technical review process to include the Environmental and Historic Preservation Review. Be explicit and concise; assume that the reader does not know your situation or your community.

Tie past damage history events to the proposed mitigation project.

Blount County Government is asking for funding to purchase three trailer-mounted heavy duty 200-watt generators to be stored at Blount County Highway Department, 1227 McArthur Road, Maryville, TN 37804, and assigned to Maryville Operations Center, 332 Home Avenue, Maryville, TN 37801 and Alcoa Service Center, 725 Universal Street, Alcoa, TN 37701. No construction will be necessary as these units will be trailered and used to power critical facilities in the municipalities (Maryville, Alcoa, Townsend, Rockford, Louisville, Friendsville and the unincorporated sections of the county). There are 567 square miles in Blount County and these trailer-mounted generators will be assigned to wherever they are needed. Critical facilities in all six municipalities and the unincorporated county vary in their ages from a 100-year-old county elementary school (Porter Elementary) to brand new facilities like the Maryville Police and Fire Training facility and most do not have generator back-up power. Because no construction is planned, an environmental/historic preservation review would not be necessary.

D. PROJECT NARRATIVE & SCOPE OF WORK (continued)

02. Describe the risks being mitigated. Explain how the project will mitigate the identified risk(s):

This project mitigates risks from inclement weather such as wind storms/tornados, winter ice/snow storms, spring flooding, and wildfires. These risks can disrupt electric power to critical facilities such as when the May 27th of 2017 windstorm took out the primary and secondary power to the Alcoa Water, 302 Sam Houston School Road, Maryville, TN 37804. With no back-up generator power, crews had to work some long hours and when they did restore power to the facility, they were just 12 hours away from running out of water for all of Alcoa city and most of the unincorporated county, approximately 85,000 residents/businesses.

Power outages have occurred during other weather-related events such as the August 27th, 2016 and May 27th 2017 windstorm that knocked out power throughout the municipalities and unincorporated county.

In addition, Alcoa City and Maryville City both have critical facilities that could be powered by these generators, including: Alcoa Municipal Building, Maryville Municipal Building, Maryville Operations Center, Alcoa Operations Center, the Maryville and Alcoa Water Treatment Plants. Blount County government has critical facilities that could be powered by these generators, including: the Blount County Health Department, Blount County Courthouse, Blount County Operations Center and Blount County E-911 Emergency Communications Center.

E. PROJECT NARRATIVE & SCOPE OF WORK (LOCATION, GENERATOR TYPE, & POPULATION AFFECTED) (continued)

01. Physical Location

Provide a description of the area and population benefiting from this mitigation activity? Explain your response.

Be sure to specify the methodology of your calculation (EXAMPLE: Census data and the CAPS System, Version 10C.)

(The description should be consistent with population numbers used in the BCA.)

Describe the area and population affected/protected by this project, including location. If you have multiple locations please make copies of this page and complete a said page for each location.

All 137,000 residents of Blount County will benefit from this investment in one way or another. Having back-up power from trailer-mounted generators that could be deployed to locations such as the Blount County Health Department, 301 McGhee Street, Maryville, TN 37801, the Maryville Water Treatment Center, Blount County E-911 Communications Center, 1431 William Blount Drive, Maryville, TN 37801 or the Alcoa Municipal Building, 223 Associates Boulevard, Alcoa, TN 37701 are examples of how this investment would benefit everyone in the county, from residents to tourists and businesses.

02. Will this be a fixed Generator _____ No _____
If yes, Provide Fixed Generator Location _____

Property Information Provide the Name of the facility and the physical address below (including city and zip code).

01. Facility Name Blount County Highway Department Operations Center

02. Property/Site Address: 1227 McArthur Road

Do not include PO Box or Route Numbers in Address

City: Maryville State: TN Zip Code: 37804

03. Property Owner: Blount County (TN) Government

04. Property owner have flood insurance? No Insurance Policy Provider: _____

NFIP Policy Number: _____ Repetitive Loss Number: _____

05. Tax Parcel ID Number: 37-10-00 Property Tax ID Number: 37-10-00

06. Latitude: 35.795477 Longitude: 83.953545

07. Flood Zone Designation: ... 08. Is the property in a: Not Applicable

09. Panel Number of the FIRM used to determine the above: _____ Date of FIRM: _____

10. Construction date: N/A Is Structure Pre-FIRM? ... or Post-FIRM? ...

NOTE: To determine whether a structure is pre- or post-FIRM, compare the date of construction to the date of FIRM listed above.

11. Critical Facility Type: Select the type of facility below:

- | | |
|---|--|
| <input type="checkbox"/> Hazardous Materials Facility | <input checked="" type="checkbox"/> Emergency Operations Center |
| <input checked="" type="checkbox"/> Power Facility | <input checked="" type="checkbox"/> Emergency Medical Care Facility |
| <input checked="" type="checkbox"/> Sewer & Wastewater Treatment Facility | <input checked="" type="checkbox"/> Communications Facility (i.e. 911) |
| <input checked="" type="checkbox"/> Pumping Station | <input checked="" type="checkbox"/> Police Station |
| <input checked="" type="checkbox"/> Other (specify) | <input checked="" type="checkbox"/> Fire Station |

Emergency Management would deploy these trailer-mounted generators to power multiple critical facilities.

E. PROJECT NARRATIVE & SCOPE OF WORK/LOCATION SYSTEM LOCATION(S) (continued)

01. a. Site Information

- Is the site location within the 100-year or 500-year flood plain? _____ No _____
- If yes, is the proposed installation above the 500-year flood elevation? _____ ... _____
- If your answer is yes to either of the above, please describe how the generator will be elevated.

- Will this elevated support system comply with seismic and wind building code requirements? _____ ... _____
- Will the installation affect, or is it near, a structure 48-year-old or older? _____ ... _____
- Identify and describe distance to any surface water bodies (including wetlands) near the project site (within about 200 feet).

b. Ground Depth Disturbance

Will, the installation of the generator or pad require ground disturbance, is the area and depth of ground disturbance? _____ No _____

What is the anticipated depth of ground disturbance? _____

Indicate in Notes if the installation site was previously disturbed, undisturbed, or is in an area known to contain cultural artifacts. _____ Undisturbed _____

Will the fuel tank/propane be installed above or below ground? _____ N/A _____

Briefly describe how the generator and fuel tank will be mounted, and to what design specifications?
The generators and fuel tanks will be mounted on trailers to be hauled by an 18-wheeler/tractor-trailer.

If any heavy equipment will be used for the installation of the generator where will the equipment be staged? (If yes please explain where below.) _____ No _____

c. Backfill

What type of backfill will be used, and where will it come from to replace/fill any ground disturbance due to construction or the installation of the material?

N/A

d. Protection

How will the generator be protected from the public? (Bollards or Fence) Or not necessary?

N/A

F. DECISION-MAKING PROCESS

01. Decision-Making Process

Describe the **process** you used to decide that this project is the best solution to the problem. Explain why this project is the best alternative. This should coincide with information supplied in Alternative Actions.

Address the following questions:

- Are you focusing on the area in your community that has the greatest potential for losses?
- Have you considered the risks to critical facilities and structures and benefits to be obtained by mitigating this vulnerability?
- Have you considered those areas or projects that present the greatest opportunities given the current situation and interest in your community?
- Are you addressing a symptom or the source of the problem? Addressing the source of the problem is a long-term solution that provides the most mitigation benefits.

If impacts to the environmental/historic preservation, natural, cultural, or historic resources have been identified, explain how your alternatives and proposed project address, minimize, or avoid these impacts.

Having three trailer-mounted 200-watt generators will enable Emergency Management to deploy them to locations throughout the county. The Highway Department Operations Center is also centrally located in the geographic middle of the county. While several critical facilities have generator back up in the larger municipalities - Maryville and Alcoa - most in the smaller municipalities and most of the county government offices do not have generator back up. While will continue to pursue permanent generators for larger critical facilities, these trailer-mounted generators would be a redundancy to critical facilities throughout the county and all the municipalities. This is will not impact environmental or historic preservation or cultural or historic resources.

02. Maps: Please attach the following maps with the project site and structure(s) marked on the map.

*FEMA REQUIRES MAPS TO BE IN COLOR

- Flood Insurance Rate Map (FIRM). If the FIRM for your area is not published, please attach a copy of the Flood Hazard Boundary Map (FHBM). See Appendix
- City of county scale map (large enough to show the entire project area). See Appendix
- USGS 1:24,000 topo map See Appendix
- Parcel Map (Tax Map, Property Identification Map, etc.) See Appendix
- Overview photographs. The photographs should be representative of the project area, including any relevant streams, creeks, rivers, etc., and drainage areas that affect the project site or will be affected by the project. See Appendix

G. ESTIMATED BUDGET

01. Detailed Line-Item Budget

In this section, provide the details of all costs of the project. For estimates, reasonable projections are essential. While that may seem the simplest way to account for the budget, the budget noted here should go into more detail. All costs for the proposed activity should be included. For estimates, reasonable projections are essential and must be rounded to the nearest dollar. Do not include contingency costs; they are not eligible. Applications to any other program may include an administrative line item.

*Please, make sure the estimated budget is detailed and breakdown by Materials, Labor, and Fees. Also, be sure to include a signed quote to support the estimated budget.

A. Materials

Item/ Description	Dimension	Qty	Cost per Unit	Total Cost
Trailer-mounted 140-watt generator		3	\$ 121,670.00	\$ 121,670.00
			\$ 0.00	\$ 0.00
			\$ 0.00	\$ 0.00
			\$ 0.00	\$ 0.00
			\$ 0.00	\$ 0.00
			\$ 0.00	\$ 0.00
Subtotal			\$ 121,670.00	\$ 365,010.00

B. Labor (include equipment costs – please indicate all “soft” or in-kind matches)

Item/ Description	Hrs.	Rate	Total Cost
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
Subtotal		\$ 0.00	\$ 0.00

C. Fees Paid (include any other costs associated with the project, i.e., permit costs, etc.)

Item/ Description	Hrs.	Rate	Total Cost
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
		\$ 0.00	\$ 0.00
Subtotal		\$ 0.00	\$ 0.00

D. Overall total for all three categories

List the subtotal for the Material, Labor, and Fees in the table below

Category	Total Cost
Material	\$
Labor	\$ 0.00
Fees	\$ 0.00
Subtotal	\$ 365,010.00

G. ESTIMATED BUDGET (continued)

02. Will, you be applying for Management Cost? (If yes please list details below)

No

As a subrecipient, you are eligible for management costs. Management Cost is identified as an eligible and reasonable indirect cost, direct administrative cost, and any other administrative expense associated with your project. It is calculated based on five (5%) of the overall total project cost. You will be required to report your management costs expenditures on each quarterly report, or you can list it as a project line item such as supplies or salaries. If you wish to apply for management cost as a line item, please enter the amount below. Should you choose to decline the offer please complete the **OPT-OUT FORM** included in the application.

Note: If you selected No a completed OPT-OUT FORM must be submitted with your application submittal.

Item/ Description	Hours	Rate	Total Cost
...		\$ 0.00	\$ 0.00
...		\$ 0.00	\$ 0.00
...		\$ 0.00	\$ 0.00
...		\$ 0.00	\$ 0.00
Subtotal		\$ 0.00	\$ 0.00

02. Total Project Cost (listed in section D.)

Proposed Project Total Cost:	\$	<u>365,010.00</u>
... Federal Share:	\$	<u>328,509.00</u>
...Non-Federal Match:	\$	<u>36,501.00</u>

03. Non-Federal Funding Share (10% of Total Cost)

List all sources and amounts utilized in the non-federal share including all in-kind services. In-Kind services may not exceed the 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Type Funding	Amount	Commitment Letter Attached
State	Tennessee Emergency Management Agency	Cash	\$ 18,205.50	...
Local	Blount County (TN) Government	Cash	\$ 18,205.50	...
...		...	\$ 0.00	...
...		...	\$ 0.00	...
...		...	\$ 0.00	...
...		...	\$ 0.00	...
Subtotal			\$ 36,501.00	

Source Agency = Specific entity providing match

Source = State, Local, Private Non-Profit (PNP), Other (see a drop-down box under the source column)

Source Agency = Specific entity providing match

Type Funding = Administration, Cash, Consulting Fees, Engineering Fees, Equipment Operation/Rental, Labor, Supplies, Other

04. Describe how you will manage the costs and schedule, and how you will ensure successful performance.

Blount County Emergency Management will work with Blount County Highway Department/Operations Center, Alcoa Service Center, Maryville Operations Center personnel to ensure generators are stored inside and secured and maintained.

05. Enter any additional comments related to the proposed project's funding if desired.

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H. ESTIMATED WORK SCHEDULE (i.e., TIMELINES AND MAINTENANCE)

01. Work Schedule Timeline *Note: Indicate timeframe in the form of months or years.*

Enter the proposed work schedule (in days) from start to end list each task/activity i.e., state contracts process, taking the state contract before city council/county commission for approval, request for bids or proposals quotes, place order, and delivery etc., and describe the purpose of each task/activity for the proposed project. This timeline will be used as a measurement tool for progress in the project's implementation and is included in the required Quarterly Reports. Due to the length of Tennessee's state contract process, the first and last entry has already been made for generating funds and closeout purposes. **Enter the estimated duration for each listed task/activity.** Although the activities listed may not be necessarily sequential, the total grant timeline cannot exceed 36 months.

Task/Activity		Start Month	End Month	Timeline
Task 01:	Tennessee State Contract Process	June	December	N/A
	The State contract is the State's legal mechanism required to ensure funding or services to the applicant. The timeframe reflects up to 6-months.			
Task 02:	Obtaining quotes, ordering generators	December	June	Select Time Unit
Task 03:	Taking delivery, putting equipment into service	June	December	Select Time Unit
Task 04:				Select Time Unit
Task 05:				Select Time Unit
Task 06:				Select Time Unit
Task 07:				Select Time Unit
Task 08:				Select Time Unit
Task 09:				Select Time Unit
Task 10:	Project Closeout			Select Time Unit
	This includes the State's Compliance Review is a review of the activity's paper documentation, showing the project was implemented as required. As well as the financial reconciliation, and Final Site Visit. Once all aspects of the compliance review are complete, a report and findings will be provided to the sub-recipient for review and written concurrence.			
	The State will submit the signed concurrence to FEMA as part of the state closeout request package for review and concurrence with the State's findings and to formally Close the grant.			
Total timeline (must not exceed 36 months):				24 Month(s)

H. ESTIMATED WORK SCHEDULE (i.e., TIMELINES AND MAINTENANCE) (continued)

01. Maintenance

The following questions are to give assurance on the project's maintenance over its useful life. Please answer each question and give a brief explanation.

- A. What is the project's useful life 20 years
- B. Will the project require periodic maintenance? Yes
- C. Who will provide the maintenance? Blount County Emergency Management/Highway Department
- D. What is the cost of maintenance on an annual basis? \$ 500.00
- E. Is a maintenance plan/commitment provided? No
Be sure to include periodic testing of the facility (quarterly or monthly).
- F. Does the plan include confirmation of the refueling contract in place? N/A
- G. What spill prevention and retention measures (double-walled tank, located within an impermeable berm, etc....) will be employed in the generator design to prevent any fuel spill due to a possible leak?
This will be a trailer-mounted generator so all features will be included in the trailer mount.

- H. What spill cleanup equipment will be on-site?
That equipment will be included in the trailer mount.

I. BUDGET ESTIMATING

01. Costing Methodology

The method(s) used to estimate project costs is (are) (provide backup documentation for method(s) used):

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were used with an inflation factor, as needed
- RS Means, Marshall & Swift, or other national cost estimator service
- Other, please explain: Estimate obtained from a vendor our E-911 Emergency Communications Center used when their generator had to be repaired.

02. Additional Comments

Enter any additional comments related to the proposed project's funding, if desired.

J. ALTERNATIVE ACTIONS

List three practicable alternatives (one can be the preferred action i.e. proposed projection, a feasible alternate, and no-action) clearly described each action

01. Preferred (i.e.) Proposed Project

Preferred proposed project would be to obtain a grant and purchase three trailer-mounted generators to be stored at the Blount County Highway Department/Operations Center.

02. Other Feasible Alternative Project Title:

Military Surplus generator project

a. Project Description and Scope of Work

Discuss a feasible alternative to the proposed project. This could be an entirely different mitigation method or a significant modification to the design of the current proposed project. Please include a scope of work, engineering details (if applicable), estimated budget, and the impacts of this alternative. Also, explain how the alternative project will solve the problem(s) and/or provide protection for the hazard(s).

Emergency Management could pursue obtaining three federal surplus trailer-mounted generators. The quality and age for the trailer would not be the same as a new one purchased through a generator grant.

b. Other Feasible Project Location

Attach a map or diagram showing the alternative site concerning the proposed project site
(Please provide a map in color).

Photographs of an alternative site. (Please provide a map in color)

c. **Funding Sources (round figures to the nearest dollar).** The maximum Federal share for all mitigation projects is 75%. The remaining 25% (non-Federal share) is the responsibility of the applicant. HMGP funds may be packaged with other Federal funds. However, only Federal funds which lose their Federal identity at the State level may be used for the non-Federal share. Please list below the funding sources and amounts for the proposed alternative project.

75% Federal Share:	\$	328,509.00
25% Non-Federal Match:	\$	36,501.00
Proposed Project Total Cost:	\$	365,010.00

03. No Action

Discuss the impacts on the project area if no action is taken.

If no action is taken then this leaves county and municipal residents at risk because critical infrastructure could be without power.

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K. PERMANENT GENERATOR DATA WORKSHEET

Will this project allow the facility to be fully operational in the event of a total power outage? Yes

1. Running Load (KW)	<hr/>	Concrete Pad Dimensions
2. Starting Load (KW)	<hr/>	Length: <hr/>
3. Will load be stepped in?	...	Width: <hr/>
4. Generator Specified (KW)	<hr/>	Depth: <hr/>
5. Generator Voltage	<hr/>	
6. Single or Three Phase	<hr/>	
7. Type of Controls	...	
8. Fuel Type	...	

Additional information/remarks (Select appropriately):

Generator Type: Portable

- Generator on a slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work
- Generator on a slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - Certification from a Tennessee registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Tennessee registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application's description of work.

<hr/>	<hr/>	<hr/>
<i>Print Name</i>	<i>Title</i>	<i>Date Signed</i>
<hr/>	<hr/>	<hr/>
<i>Signature</i>	<i>Organization</i>	<i>Telephone Number</i>

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the "Generator Codes and Standards".
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

445-1. Location. Generators shall be located in dry places, and also so as to meet the requirements for motors in Section 430-14.* Generators installed in hazardous locations as described in Articles 500-503, or in other locations as described in Articles 510-517, 520, 530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250. * If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.
Exception: Ventilation shall not be required for submersible types of motors.
- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

L. ASSURANCES

1. Code Compliance

The applicant assures the project will meet all national, state, or local codes and standards applicable for the local jurisdiction including, but not limited to, building, construction, public notification, floodplain development, etc.

2. Maintenance

The applicant agrees that if it receives any Federal-aid as a result of this application, it will accept responsibility, at its own expense if necessary, for the **routine** maintenance of any real property, structures, or facilities acquired or constructed as a result of such Federal aid. Routine maintenance shall include, but not be limited to, such responsibilities as keeping vacant land clear of debris, garbage, and vermin; keeping stream channels, culverts, and storm drains clear of obstructions and debris; and keeping detention ponds free of debris, trees, and woody growth.

The purpose of this agreement is to make clear the Sub-recipient's maintenance responsibilities following the project award and to show the Sub-recipient's acceptance of these responsibilities. It does not replace, supersede, or add to any other maintenance responsibilities imposed by Federal, State, and Local laws or regulations and which are in force on the date of project award.

3. Signature of Agreement

The undersigned assures the fulfillment of the above requirements as contained in the program guidelines.

Typed Name of Authorized Representative/Applicant Agent

Title

Telephone Number

Signature of Authorized Representative/Applicant Agent

Date Signed

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Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance 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 enough to pay the non-Federal share of project costs) to ensure proper planning, management and completion of project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives
3. Will not dispose of, modify the use of, or change the terms of the real property title or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progressive reports and such other information as may be required by the assistance awarding agency or state.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. 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.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards of merit systems for programs funded under one of the 19 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).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. 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. §§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. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§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 Act of 1968 (42 U.S.C. §§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

11. Will comply, or has already complied, with the requirements of Titles 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 and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the 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.
13. 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,
14. Will comply 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.
15. 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).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. 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).
18. 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."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
20. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
APPLICANT ORGANIZATION	DATE SUBMITTED

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L. ASSURANCES (CONTINUED)

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

Section 17.630 of the regulations provide that a recipient 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 FEMA funding. States and State agencies may elect to use a Statewide certification.

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 28 CFR Part 17, "Government-wide Debarment and suspension (Nonprocurement) 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 Federal Emergency Management Agency (FEMA) 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 44 CFR 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 subgrants, contracts under grants and cooperative agreements, and subcontract(s)) and that all sub-recipients shall certify and disclose accordingly.

2. DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS (DIRECT RECIPIENT)

As required by Executive Order 12549, Debarment and Suspension, and implemented at 44 CFR 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 governmental entity (Federal, State, or locally) 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 (RECIPIENTS OTHER THAN INDIVIDUALS)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for recipients, as defined at 44 CFR part 17, Sections 17.615 and 17.623:

- (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 recipient's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;
 - (2) The recipient'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;

ASSURANCES-NON-CONSTRUCTION PROGRAM

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

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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 cost) 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. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 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: 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. §§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. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§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 Act of 1968 (42 U.S.C. §§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 Titles 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 interests 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. §§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. §§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.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
APPLICANT ORGANIZATION	DATE SUBMITTED

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DISCLOSURE OF LOBBYING ACTIVITIES

Complete this form to disclose lobbying activities pursuant to 31 U.S.C.1352

OMB Number: 4040-0013
Expiration Date: 02/28/2022

1. * Type of Federal Action: <input type="checkbox"/> a. contract <input checked="" type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. * Status of Federal Action: <input checked="" type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. * Report Type: <input checked="" type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change
--	--	--

4. Name and Address of Reporting Entity:
 Prime SubAwardee

* Name: _____
 * Street 1: _____ Street 2: _____
 * City: _____ State: **TN** Zip: _____

Congressional District, if known: _____

5. If Reporting Entity in No.4 is Subawardee, Enter Name and Address of Prime:

6. * Federal Department/Agency: Federal Emergency Management Agency	7. * Federal Program Name/Description: Hazard Mitigation Grant Progra, CFDA Number, if applicable: 97.039
---	---

8. Federal Action Number, if known: _____	9. Award Amount, if known: \$ _____
---	---

10. a. Name and Address of Lobbying Registrant:

Prefix: **N/A** * First Name: **N/A** Middle Name: **N/A**

* Last Name: **N/A** Suffix: **N/A**
 * Street 1: **N/A** Street 2: **N/A**
 * City: **N/A** State: **N/A** Zip: **N/A**

b. Individual Performing Services (including address if different from No. 10a)

Prefix: **N/A** * First Name: **N/A** Middle Name: **N/A**

* Last Name: **N/A** Suffix: **N/A**
 * Street 1: **N/A** Street 2: **N/A**
 * City: **N/A** State: **N/A** Zip: **N/A**

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

* Signature: _____

* Name: Prefix _____ * First Name _____ Middle Name _____

* Last Name _____ Suffix _____

Title: _____ Telephone No.: _____ Date: _____

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M. ENVIRONMENTAL REQUIREMENTS

The applicant *must* provide certain environmental documentation to the state before the State and FEMA can adequately review any proposed project. The Council on Environmental Quality (CEQ) has developed regulations to implement the National Environmental Policy Act (NEPA). These regulations, as set forth in Title 40, Code of the Federal Regulations (CFR) Parts 1500-1508, require an investigation of the potential environmental impacts of a proposed federal action, and an evaluation of alternatives as part of the environmental assessment process. The FEMA regulations that establish the agency-specific process for implementing NEPA are set forth in 44 CFR Subpart 10.

As any proposed project requires specific documentation relative to its potential effect on the physical, biological, and built environment, the below sections will assist you in ensuring proper documentation is submitted for your respective project. In some instances, additional documentation may be required prior to funding.

NOTE: In coordinating with the below-listed agencies, please provide several original photographs of the project site and adjacent area/structures, a description of the project referencing structure/site addresses, and a map of sufficient scale and detail that show the project site and surrounding project area (area of potential effects).

Attach documentation (letters, permits, etc.) from coordination with the following Federal and State agencies. For region-specific contacts, addresses, and phone numbers, please refer to Appendix A of this handbook. **Please refer to the HMA Generator EHP Job Aid and page 5 of the Environmental Planning and Historic Preservation Checklist for Hazard Mitigation Assistance Application Reviews.*

Environmental Requirement	Coordinating Agency	Attached to Application
National Historic Preservation Act: Historical Structures and Archeological Resources		
Does your project affect or is it in close proximity to, any buildings or structures 50 years or more in age?	State Historic Preservation Office	No
Does your project involve disturbance of ground?		No
Endangered Species Act and Fish and Wildlife Coordination Act		
Are there threatened or endangered species or their critical habitat present in the project area or within the county the project is located within?	U.S. Department of the Interior (Fish and Wildlife Service) & Tennessee Wildlife Resources	No
Does your project remove or affect vegetation?		No
Is the project not contained within existing structures, or may it result in changes or potential effects to the natural environment?		No
Is the proposed project in or near (within 200 feet), or likely to affect, any type of waterbody or body of water?		No
Will this activity require an Aquatic Resource Alteration Permit?		No
Clean Water Act, Rivers, and Harbors Act, and Executive Order 11990 (Protection of Wetlands)		
Will the project involve work near or in a waterway, dredging or disposal of dredged material, excavation, adding fill material, or result in any modification to water bodies or wetlands designed as "waters of the U.S." as identified by the US Army Corps of Engineers or on the National Wetland Inventory?	U.S. Army Corps of Engineers & Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Will the project require a National Pollutant Discharge Elimination System (NPDES) permit from the U.S. Environmental Protection Agency?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Executive Order 11988 (Floodplain Management)		
Is the project located in a FEMA identified 100- or 500-year floodplain (on a FIRM map), in a FEMA identified floodway, or identified as a floodplain through some other source?	National Flood Insurance Program	Provided through FIRM
Is the proposed project located in, or will it affect, a wetland as listed in the National Wetland Inventory?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Does the project alter a watercourse, water flood patterns, or a drainage way, regardless of its floodplain designation? Will the activity require a CLOMR (Conditional Letter of Map Revision)?	U.S. Army Corps of Engineers & National Flood Insurance Program	No
Farmland Protection Policy Act		

Environmental Requirement	Coordinating Agency	Attached to Application
Will the project convert more than 5 acres of farmland outside community limits and require documentation from the USDA National Resource Conservation Service (Prime, Unique, or other Important Farmlands)?	U.S. Department of Agricultural (National Resources Conservation Service)	No
Hazardous and Toxic Materials		
Is there a reason to suspect there are contaminants from a current or part use on the property associated with the proposed project?	Hazardous Materials Property Survey Individual Property Survey Form (In Appendix L of the Handbook) and/or Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project?		No
Do any project construction or operation activities involve the use of hazardous or toxic materials, i.e., asbestos, lead paint, heavy metals, etc.?		No
Do you know what the current and past land-uses are of the property affected by the proposed project and the adjacent properties?		No
Executive Order 12898, Environmental/Historic Preservation Justice for Low Income and Minority Populations		
Is the project in an area of low-income or minority populations and requires documentation on Environmental Justice information (census, economics, housing, and employment)?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No
Will the project cause any changes that may affect nearby low-income or minority populations, result in adverse effects, or change availability of services?		No
Other Environmental Laws or Issues		
Are there any controversial issues associated with this project?	Local Applicant Narrative	No
Have you conducted any public meetings or solicited public input or comments on your specific proposed mitigation activity(ies)?	Local Applicant Narrative	No
Will this activity require a Construction Stormwater Permit?	Tennessee Department of Environment and Conservation (Environmental Assistance Centers)	No

- Copies of the Environmental inquiry letters sent, and response can be found in Appendix _____

Additional Comments

Enter any additional comments related to environmental concerns for the proposed project if desired.

Environmental Letter - Template
Must be on <<Sub-recipient Letterhead>>

Copies of the request must be submitted with the application and if you have received a response from the agencies/departments please include them with the application or submit them as soon as possible

<<Date>>

Acme Wildlife Resources Agency
Toon Agriculture Center
Looney, AC 98765

Subject: Request for information about proposed FEMA project; <<Funding Source>>, in the <<Jurisdiction Name>>, Daffy County, State

Dear Director:

The <<Jurisdiction Name>> has applied to the Federal Emergency Management Agency (FEMA) for a grant under FEMA's <<Funding Source>>. <<Funding Source>> grants provide funding for measures designed to reduce or eliminate future disaster damage and disaster relief expenditures. The <<Jurisdiction Name>> proposes to make stream improvements including channel straightening and stream bank armoring along Toon Creek to alleviate flooding damage to Looney Road and the bridge over Toon Creek. The project area is located next to Looney Road where it crosses Toon Creek (see attached map).

One of the requirements for the FEMA <<Funding Source>> application is to identify the presence of any regulated resources in the project area. At this time, the <<Jurisdiction Name>> would like to inquire about the potential for nearby historic structures or archeological sites. Attached to this correspondence is a USGS map indicating the project area, pictures showing the project site and the nearby structures, and a narrative describing the proposed scope of work.

The proposed project involves straightening about 800 linear feet (lf) of the channel of Toon Creek west of the bridge over Toon Creek. This would require excavating the existing bank between 0 and 30 feet to the south to allow the stream to follow a straighter path. The excavated bank would be lined with riprap to protect it from future erosion. The second element of the project is upstream of the bridge over Toon Creek and involves the placement of rip-rap armor on about 400 lf of the north side of the stream (see photos).

Adjacent to the project site is Looney Mill. It is said that this structure was built in the 1820s, but it has been abandoned and out of use since the early 1900s. Since then it has fallen into serious disrepair; it no longer has any windows or doors, and it has been without a roof for over 50 years. The current landowner is repairing the mill for his personal use. The owner of the Mill lives about 200 feet up the hill in a house constructed in the 1850s. According to the owner, the 2-story house used to have clapboard siding but has since been upgraded to vinyl siding. There are also new windows and additions to the building. The current owner constructed a new garage next to the house in 1995. Your assistance in this matter is greatly appreciated. If you have any questions regarding this project, please contact me by phone (xxx) xxx-xxxx, fax (xxx) xxx-xxxx, by email (Looney.us.town. state), or by letter at the letterhead address.

Sincerely,

Marvin A. Martian

Marvin A. Martian
Grant Manager

Commitment Letter - Template
Must be submitted with application and on <<Sub-recipient Letterhead>>

April 10, 2020

Mr. Douglas Worden
State Hazard Mitigation Officer
Tennessee Emergency Management Agency
3041 Sidco Drive
Nashville, TN 37204

Dear Mr. Worden:

Tune County is submitting for funding a Hazard Mitigation Application for the Acquisition Demolition of the property located on Looney Lane.

Tune County is committed to this project and as part of this commitment, the county offers this commitment letter as an assurance that we will provide 12.5% (\$73,316.50) of the non-federal cost-share of the total cost associated with the acquisition and demolition of this property. We are also prepared to take on the maintenance of this property in perpetuity.

Should you have any questions or concerns regarding our proposal, please feel free to contact me at (615) 123-4567.

Sincerely,

Marvin A. Martian

Marvin A. Martian
County Executive



TEMA MITIGATION GRANT PROGRAM PROJECT MANAGEMENT COST-OPT OUT FORM

TO: Tennessee Emergency Management Agency

FROM:

RE:

HMGP-

OPT-OUT FORM

The purpose of this form is to make clear the sub-recipients desire to decline/reject the 5% management cost in accordance with FEMA regulations under the DRRRA section 1215. By signing this form, it will not prohibit the subrecipient from requesting project management costs as a line item in the submitted application's project budget.

I have been informed by TEMA Mitigation that as the *Sub-Recipient*, _____, can apply for management cost for the _____.

Management cost is calculated based on five (5%) of the total overall estimated project cost \$_____.

I understand that by submitting this opt-out form as the *Sub-Recipient*, _____, we are declining the offer of management cost for _____, _____. As such it is further understood that by declining the project management cost that the undersigned will not have to submit a quarterly report for management cost for this project.

I am duly authorized by _____ the governing body of the Recipient) to execute this Opt-Out Form.

PRINTED NAME

TITLE

SIGNATURE

DATE (mm/dd/yyyy)

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PUBLIC NOTICE

The <<Metro Acme-Tune County>> has applied for Federal Emergency Management Agency (FEMA) Hazard Mitigation Grant Program (HMGP) funding through the Tennessee Emergency Management (TEMA) as a sub-recipient.

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. Under Executive Order (EO) 11988 and EO 11990, FEMA is required to consider alternatives to and to provide a public notice of any proposed actions in or affecting floodplains or wetlands. EO 12898 also requires FEMA to provide the opportunity for public participation in the planning process and to consider potential impacts to minority and low-income populations. This notice may also fulfill requirements under Section 106 of the National Historic Preservation Act (NHPA).

Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state, and local laws, regulations, floodplain standards, permit requirements and conditions.

Applicant: Town of Acme

Project Title: FEMA-4427-DR

Location of Proposed Work: Within the Boundaries of Tune County. The properties are in the following areas.

1. Two (2) properties in Haynes Estates and one (1) property in Prock Hollow on Whites Creek,
2. One (1) property in Chesapeake on North Fork Ewing Creek,
3. Two (2) properties in Glenclyff Estates on Mill Creek, and
4. One (1) property in Ashley Place on Scotts Creek.

Name of Structure: Seven (7) Repetitive Loss Properties within the boundaries of Tune County

Point of Contact: Jessica L. Rabbit; (615) 123-4567 / JessicaL.Rabbit@acme.gov

Special Flood Hazard Area Zone: This project is for the acquisition and demolition of seven (7) properties located in flood zone AE. Confirmation of location in an SFHA was made by reference to the latest Flood Insurance Rate Map, Panel 47037C0114H, 47037C0229H, 47037C0232H, 47037C0277H, 47037C0279H, and 47037C0376H. The proposed work conforms to all applicable State of Tennessee and local floodplain regulations. The proposed work will be to acquire and demolish properties in the floodplain/floodway and will not affect the local floodplain. The action will be mitigated by removing structures in the floodplain/floodway and return the properties to open space and prevent future loss of life and property.

Proposed Work and Purpose:

The Metropolitan Government of Acme and Tune County is requesting funds to acquire and demolish seven (7) properties in the floodplain/floodway and return the properties to open space. The purpose of this project is to protect future loss of life and property from flooding.

Project Alternatives:

Alternative #1 (no action alternative): Taking no action would result in these houses remaining in areas that are highly prone to flooding, as well as being in a designated floodplain. Repetitive flood losses could still occur, placing a burden on property owners, as well as local government resources. If these structures remain, it would be a hindrance to our Department's and Metro efforts to progressively mitigate the highest potential flood loss areas in the county. It would also fail to give any financial relief and assistance to property owners whose homes have suffered massive property damage.

Alternative #2: The most feasible action is to acquire, demolish and return the seven (7) properties to open space, by doing so it would lessen the loss of life and property in these areas. This action would not put our public safety officers at risk in future flooding events.

Alternative #3: Elevation would prevent the structures from being damaged in a 100-year flood. However, the costs associated with elevation of the existing structures would be a minimum of \$50,000.00 per structure. This is a conservative estimate and does not take into consideration that most of these structures have suffered damage to such an extent that elevation is not even feasible. Therefore, elevation is not viewed as a practical alternative to acquisition and demolition and restricting the use of the land. Even though the houses would be elevated, the properties would still be at risk for property damage and physical danger to the property owners from future flooding. Owners or tenants would still be in danger if floodwaters prevented them from leaving their houses in a safe and timely manner, which would necessitate the effort and expense of rescue. There are also environmental problems associated with flooding, such as sewers backing up, hazardous materials floating from upstream, etc. Elevation would also alleviate the option of phasing the land into a proposed greenway project or neighborhood park. Either of these options would ultimately benefit a larger segment of the community with little additional annual cost.

Comment Period:

Comments are solicited from the public; local, state, or federal agencies; and other interested parties in order to consider and evaluate the impacts of the proposed project. The comments should be made in writing and addressed to the Metropolitan Government of Acme and Tune County. All comments are due within 30 days of this notice. The Metropolitan Government of Acme and Tune County will forward comments to applicable regulatory agencies as needed.

Interested persons may submit comments, obtain more detailed information about the proposed action, or request a copy of the findings by contacting:

Jessica L. Rabbit
5780 Second Avenue North, 4th Floor
Looney Town, Acme 45678-2203
(615) 862-4582
JessicaL.Rabbit@acme.gov

POSTED ON: July 03, 2021

End of Notice