

City of North Las Vegas

Emergency Shelter Standby Generator Project

Subapplicant information

Name of federal agency

FEMA

Type of submission

Application

CITY OF NORTH LAS VEGAS

2250 LAS VEGAS BLVD N STE 710
NORTH LAS VEGAS, NV 89030 United States

State	UEI-EFT	DUNS #	EIN #
NV	MJ9NM8SSYRD1	075288985	886000200

Subapplicant type

Local Government

Is the subapplicant subject to review by Executive Order 12372 Process?

No - Not covered

Is the subapplicant delinquent on any federal debt?

No

Continue

City of North Las Vegas

Emergency Shelter Standby Generator Project

Contact information

Subrecipient Authorized Representative (SAR)

Leslie Nix nixl@cityofnorthlasvegas.com	Primary phone 7024801558 Mobile	Mailing address
Tyler Arsen arsent@cityofnorthlasvegas.com	Primary phone 7026332919 ext 2919 Work	Mailing address

Point(s) of contact

Tyler Arsen Grant Officer arsent@cityofnorthlasvegas.com	Primary phone 7026332919 ext 2919 Work	Additional phones 7024817475 Mobile	Mailing address 2250 Las Vegas Blvd N. Suite 700 North Las Vegas NV 89030
	Fax		

Continue

City of North Las Vegas

Emergency Shelter Standby Generator Project

Community

Please provide the following information. If the Congressional district number for your community does not display correctly, please contact your State NFIP coordinator.

Add Communities

Please find the community(ies) that will benefit from this mitigation activity by clicking on the Find communities button. If needed, modify the Congressional District number for each community by entering the updated number under the U.S. Congressional District column for that community. When finished, click the Continue button. NOTE: You should also notify your State NFIP coordinator so that the updated U.S. Congressional District number can be updated in the Community Information System (CIS) database.

Community name	County code	CID number	CRS community	CRS rating	U.S. Congressional District
NORTH LAS VEGAS, CITY OF	003	320007	Y	7	NV-004

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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[Continue](#)

City of North Las Vegas

Emergency Shelter Standby Generator Project

Mitigation plan

Please provide your plan information below.

Is the Subapplicant entity that will benefit from the proposed activity covered by the current FEMA approved multi-hazard mitigation plan in compliance with 44 CFR Part 201? **Yes**

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
Clark County Nevada MJHMP 2024_FINAL NV FEMA APA Approval_.pdf	07/06/2026	arsent@cityofnorthlasvegas.com	Mitigation Plan Attachments	No description given.	

Continue

City of North Las Vegas Emergency Shelter Standby Generator Project

Scope of work

The project Scope of Work (SOW) identifies the eligible activity, describes what will be accomplished and explains how the mitigation activity will be implemented. The mitigation activity must be described in sufficient detail to verify the cost estimate. All activities for which funding is requested must be identified in the SOW prior to the close of the application period. FEMA has different requirements for project, planning and management cost SOWs.

Subapplication title (include type of activity and location)

City of North Las Vegas Emergency Shelter Standby Generator Project

Do any of the following apply for this project?

None

Activities

Primary activity type

Generator

Primary sub-activity type

Permanent

Secondary activity type (Optional)

Utility and infrastructure protection

Secondary sub-activity type

Electrical/power

Tertiary activity type (Optional)

Saferoom/shelter

Tertiary sub-activity type

Other

If Other please specify

The proposed standby generator project ensures that the Silver Mesa Recreation Center can continue operating as a safe, accessible emergency shelter during power outages and disaster events. The generator will provide reliable backup power for critical building systems, including heating and cooling, lighting, communications, and other essential services necessary to support temporary shelter operations.

Geographic areas description

The proposed project is located at the Silver Mesa Recreation Center in the City of North Las Vegas, Nevada, within southern Clark County. North Las Vegas is the fourth-largest city in Nevada and encompasses approximately 101 square miles. The city is one of the fastest-growing communities in the state, with a population of more than 300,000 residents, and serves as a major residential, commercial, and industrial center within the Las Vegas metropolitan area. Although the standby generator will be installed at a single facility, the project's benefits extend throughout the entire City of North Las Vegas. The Silver Mesa Recreation Center is strategically located to serve residents from multiple neighborhoods and can be activated as an emergency shelter, cooling center, warming center, and community support facility during disasters and extended power outages. Its location allows City emergency management personnel to provide accessible services to affected residents while supporting coordinated response and recovery operations. The project area is vulnerable to hazards identified in the City of North Las Vegas and Nevada Hazard Mitigation Plans, including prolonged extreme heat, utility infrastructure failures, severe weather events, and other incidents that may result in extended power outages. Southern Nevada experiences some of the highest summer temperatures in the United States, making reliable access to climate-controlled facilities critical for protecting public health and safety during emergency events.

Community lifelines

Primary community lifeline

Energy

Primary sub-community lifeline

Power grid

Secondary community lifeline (optional)

Hazard sources

Primary hazard source

Infrastructure failure

Secondary hazard source (optional)

Tertiary hazard source (optional)

Is this a phased project?

Yes

Are you doing construction in this project?

Yes

Percentage of population impacted

100

Provide detailed description of population impacted

North Las Vegas is one of the fastest-growing municipalities in Nevada, with a population of more than 300,000 residents and continued residential, commercial, and industrial development. The City's population is diverse and includes families, seniors, veterans, individuals with disabilities, low- and moderate-income households, and residents with access and functional needs who may require additional assistance during emergencies. The Silver Mesa Recreation Center is a vital community asset that provides recreational programming, community events, educational activities, and public gathering space throughout the year. During emergencies, however, the facility serves an even more critical role as a location that can provide temporary shelter, cooling and warming space, charging stations for communications devices and medical equipment, access to emergency information, and coordination of response and recovery services. Power outages resulting from extreme heat, severe weather, utility infrastructure failures, or other disasters can disproportionately affect vulnerable populations. Older adults, individuals with chronic medical conditions, residents who rely on electrically powered medical devices, young children, and households without access to backup power face increased health and safety risks during prolonged outages. During periods of extreme heat, which are becoming more frequent and severe in Southern Nevada, the loss of air conditioning can quickly create life-threatening conditions for these populations. Although the standby generator will be installed at a single facility, the project benefits the entire community by increasing the City's emergency shelter capacity and strengthening its overall

Provide a clear and detailed description of your proposed activity

disaster response capabilities. Maintaining continuous operations at the Silver Mesa Recreation Center provides emergency managers with a reliable location to support displaced residents, distribute emergency resources, coordinate community services, and provide a safe refuge during disasters. The project enhances the resilience of North Las Vegas as a whole by ensuring that at least one strategically located community facility remains operational when commercial power is unavailable.

The City of North Las Vegas proposes to design, procure, and install a permanent standby emergency generator at the Silver Mesa Recreation Center to provide reliable emergency power during utility outages and disaster events. The project is intended to ensure the facility remains operational as an emergency shelter and community resilience hub when commercial electrical service is disrupted. The scope of work includes all engineering and design services necessary to determine generator sizing, electrical loads, site layout, fuel requirements, and integration with the existing electrical infrastructure. The project also includes environmental and permitting requirements, procurement of the standby generator and associated equipment, construction of a reinforced concrete equipment pad, installation of automatic transfer switches, electrical distribution upgrades, fuel storage and delivery systems as appropriate, security features, testing, commissioning, and final inspections. Once operational, the standby generator will automatically detect the loss of commercial power and transfer critical building systems to emergency power without requiring manual intervention. This capability will allow essential building functions to continue operating throughout an outage, including heating, ventilation, and air conditioning systems; interior and exterior lighting; communications equipment; security systems; refrigeration; designated electrical outlets for charging devices and powering medical equipment; emergency operations space; and other life-safety systems necessary to support shelter operations. The project will create a

reliable emergency power source that enables the Silver Mesa Recreation Center to continue serving the public during disasters while reducing disruptions to emergency response and recovery operations. The investment also improves the City's long-term resilience by protecting critical community infrastructure against increasingly frequent and prolonged power disruptions.

How will the mitigation activity be implemented?

The City of North Las Vegas will implement the project using established project management, procurement, engineering, and construction procedures that comply with all applicable federal, state, and local requirements. Following award of BRIC funding, the City will complete all required FEMA Environmental and Historic Preservation reviews and any additional pre-construction requirements. Once approvals have been received, the City will procure qualified engineering services through its competitive procurement process. The engineering consultant will perform site assessments, complete electrical load calculations, prepare construction drawings and technical specifications, and coordinate all required permits and utility coordination activities. After design completion, the City will competitively solicit bids and award a construction contract to a qualified contractor experienced in generator installation and electrical infrastructure projects. Construction activities will include site preparation, excavation, installation of the generator foundation, placement of the generator, installation of automatic transfer switches, electrical connections, fuel system installation, communications integration, equipment security measures, and restoration of disturbed areas. Throughout construction, City staff will monitor contractor performance, review project milestones, conduct inspections, verify compliance with contract specifications, and ensure adherence to all FEMA grant requirements. Following installation, the generator will undergo comprehensive operational testing and commissioning to verify proper performance under emergency conditions before being placed into service. The City will maintain detailed project documentation, including procurement records,

Describe how the project is technically feasible and will be effective in reducing the risk by reducing or eliminating damage to property and/or loss of life in the project area. Please include engineering design parameters and references to the following: preliminary schematic or engineering drawings/design; applicable building codes; engineering practices and/or best practices; level of protection (e.g., life safety, 100-yr flood protection with freeboard, 100-yr wind design, etc.):

Who will manage and complete the mitigation activity?

construction documentation, financial records, inspections, and progress reporting throughout the project period.

The proposed standby generator project at the Silver Mesa Recreation Center is technically feasible and based on standard engineering practices for emergency power systems. The project will include installation of a permanently mounted standby generator, automatic transfer switch (ATS), reinforced concrete equipment pad, and associated electrical and conduit infrastructure to integrate with the existing facility electrical system. Design and construction will comply with applicable codes and standards, including the International Building Code (IBC), National Electrical Code (NEC), International Fire Code (IFC), and NFPA 110 for emergency and standby power systems. The final design will be prepared and stamped by a licensed professional engineer and will include site-specific electrical load analysis, single-line diagrams, equipment layout drawings, and utility coordination. The project will be constructed within an existing developed site, minimizing unknown site conditions and reducing implementation risk. Preliminary schematic designs will guide final engineering and ensure proper placement, clearances, and safe operation of all equipment. The level of protection provided is life safety and continuity of operations. The generator will maintain critical building systems during power outages, including HVAC, lighting, emergency egress, and communications, allowing the facility to function as an emergency shelter and cooling/warming center. This reduces the risk of heat-related illness, medical equipment failure, and other life-safety impacts during extreme weather or extended outages.

The City of North Las Vegas will manage all phases of the project from planning through closeout. The project will be administered through a collaborative effort involving multiple City departments with clearly defined responsibilities. The Public Works Department will serve as the lead department for engineering oversight, design review, construction management, contractor coordination,

inspections, and technical acceptance of the completed work. Public Works has extensive experience managing municipal infrastructure projects and ensuring compliance with applicable engineering standards and construction requirements. The Grants Development and Administration Department will oversee all grant administration responsibilities, including compliance with FEMA and Nevada Division of Emergency Management requirements, financial management, reimbursement requests, reporting, documentation, procurement oversight, and project closeout activities. The department has significant experience administering federal grant programs and ensuring compliance with federal financial and administrative requirements. The City's Finance Department will provide financial oversight, accounting, and payment processing, while the City's Purchasing Division will conduct all competitive procurement activities in accordance with federal procurement regulations and City purchasing policies. Professional engineering consultants will complete project design and construction documents, while licensed contractors selected through competitive procurement will perform installation of the standby generator and associated electrical infrastructure. Upon project completion, the City's Facilities Maintenance Division will assume responsibility for operation, inspection, testing, and long-term maintenance of the equipment.

Will the project address the hazards identified and what risks will remain from all hazards after project implementation (residual risk)?

Yes. The proposed project directly addresses hazards identified in the State of Nevada Hazard Mitigation Plan and the City of North Las Vegas Hazard Mitigation Plan, particularly those associated with prolonged power outages resulting from extreme heat, severe weather, utility infrastructure failures, and other emergency events. Extended power outages present a significant risk to public safety by limiting the City's ability to provide emergency sheltering, climate-controlled facilities, emergency communications, and community support services. The impacts of these outages are expected to increase as the City's population continues to grow and as electrical demand

increases during periods of extreme temperatures. Installation of a permanent standby generator at the Silver Mesa Recreation Center substantially reduces these risks by ensuring that a designated community facility remains operational even when commercial power is unavailable. The project increases continuity of operations, strengthens emergency response capabilities, and provides a dependable location where residents can seek refuge, receive emergency information, charge critical devices, access medical support, and obtain other essential services during disasters. While the project significantly reduces the risk associated with loss of electrical service at this facility, some residual risk will remain. The generator cannot eliminate the occurrence of natural hazards or prevent community-wide utility outages. Catastrophic events may also impact transportation systems, communications infrastructure, water service, fuel delivery, or other critical infrastructure outside the scope of this project. In addition, the Silver Mesa Recreation Center represents one component of the City's broader emergency response network, and other facilities may still experience service interruptions during major disasters.

When will the mitigation activity take place?

Upon award of BRIC funding and completion of all required FEMA pre-award conditions, the City anticipates initiating the project in November 2026. The project will be implemented in phases to ensure appropriate planning, regulatory compliance, procurement, and construction oversight. During the initial phase, the City will complete environmental and historic preservation requirements, procure engineering services, perform site assessments, complete design development, prepare construction documents, and obtain all required permits and approvals. Following completion of the design phase, the City will competitively procure construction services and purchase the standby generator and associated equipment. Construction activities will include site preparation, foundation construction, electrical infrastructure improvements, generator installation, automatic transfer switch installation, fuel system installation, and integration with the existing facility. The final

phase will consist of comprehensive equipment testing, system commissioning, staff training, final inspections, and project closeout documentation. Following successful testing and acceptance, the generator will be placed into operational service and incorporated into the City's emergency preparedness program. The City anticipates completing all project activities within the FEMA-approved period of performance and will provide regular progress updates throughout implementation.

Explain why this project is the best alternative. What alternatives were considered to address the risk and why was the proposed activity considered the best alternative?

The City evaluated several alternatives to improve emergency power capability at the Silver Mesa Recreation Center before selecting the proposed project. The first alternative considered was maintaining existing conditions without installing backup power. This option would require the City to close the facility whenever commercial electrical service is interrupted, eliminating its ability to function as an emergency shelter, cooling center, warming center, or community support facility during disasters. This alternative would leave residents without access to critical emergency services during periods when they are most needed and would not reduce the community's vulnerability to prolonged power outages. A second alternative involved the use of portable generators. While portable generators offer some flexibility, they provide only limited electrical capacity and require transportation, setup, fueling, and continuous operational oversight during emergency events. Deployment may also be delayed by road closures, staffing limitations, or competing emergency priorities. Portable units are generally unable to support the full range of building systems required for long-term shelter operations and present additional safety and logistical challenges. The City also considered constructing a new emergency shelter facility with integrated backup power. While this option could provide additional capacity, it would require significantly greater capital investment, substantially longer implementation timelines, and considerably higher long-term operating costs than improving an existing City-owned facility. The proposed installation of a permanent standby generator is the most practical, cost-effective, and resilient

Please identify the entity that will perform any long-term maintenance and provide a maintenance, schedule and cost information. The subapplicant or owner of the area to be mitigated is responsible for maintenance (including costs of long-term care) after the project is completed?

solution. It provides automatic operation immediately following a power outage, supports critical building systems necessary for emergency sheltering, requires minimal operational intervention, and offers long-term reliability with manageable maintenance requirements. By leveraging an existing City facility that is already familiar to residents and strategically located within the community, the project maximizes the return on public investment while significantly improving North Las Vegas' emergency preparedness and disaster resilience.

Following project completion, the City of North Las Vegas will assume full responsibility for ownership, operation, inspection, testing, repair, and long-term maintenance of the standby generator. Maintenance activities will be performed by the City's Facilities Maintenance Division using qualified City personnel and, when necessary, specialized service contractors certified by the equipment manufacturer. The generator will be maintained in accordance with manufacturer recommendations and applicable industry standards to ensure operational readiness throughout its useful life. Routine maintenance activities will include weekly automated self-testing, monthly visual inspections, quarterly operational inspections, annual preventive maintenance services, battery testing and replacement as necessary, oil and filter changes, coolant and fuel system inspections, and periodic load bank testing to verify that the generator can operate under full emergency conditions. Maintenance records will be documented and retained as part of the City's facility maintenance program. The City has established maintenance procedures for critical building systems and will incorporate the standby generator into its existing preventive maintenance program. Any repairs identified during inspections or testing will be addressed promptly to ensure continued reliability. The City will fund all operation and maintenance expenses through its annual operating budget for municipal facilities. Estimated annual maintenance costs range from \$5,000 to \$10,000, depending on equipment specifications, service contract pricing, preventive maintenance

schedules, and generator usage during emergency events. Fuel replacement, periodic component replacement, and future equipment upgrades will also be funded by the City as part of its ongoing commitment to maintaining critical emergency infrastructure.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Continue

City of North Las Vegas

Emergency Shelter Standby Generator Project

Schedule

Specify the work schedule for the mitigation activities.

Add tasks to the schedule

Please include all tasks necessary to implement this mitigation activity; include descriptions and estimated time frames.

Task Name Design	Start Month 1	Task Duration (in Months) 12 months
Task Description Complete all engineering and design activities necessary for the standby generator installation at the Silver Mesa Recreation Center. This task includes site assessment, electrical load analysis, generator sizing, preparation of construction plans and technical specifications, permitting, and coordination with applicable utility providers and regulatory agencies.		
Task Name Procurement	Start Month 13	Task Duration (in Months) 12 months
Task Description Conduct competitive procurement for the standby generator, automatic transfer switch, associated electrical equipment, and construction services in accordance with federal, state, and local procurement requirements. This task includes preparing bid documents, soliciting and evaluating proposals, awarding contracts, and purchasing all equipment necessary for project implementation.		
Task Name Construction	Start Month 25	Task Duration (in Months) 12 months
Task Description		

Complete construction and installation of the standby generator system at the Silver Mesa Recreation Center. This task includes site preparation, concrete pad installation, generator placement, installation of the automatic transfer switch and associated electrical infrastructure, fuel system installation, system integration, testing, commissioning, and final inspections to ensure the generator is fully operational and ready to support emergency shelter operations during power outages.

Estimate the total duration of your proposed activities (in months). **36**

Proposed project start and end dates

Start Date **2026-11-01**

End Date **2029-10-31**

Continue

City of North Las Vegas

Emergency Shelter Standby Generator Project

Location

Introduction

Project location

Provide a detailed description of the proposed project's location.

The proposed project will take place at the Silver Mesa Recreation Center, a City-owned public facility located at 4025 Allen Lane, North Las Vegas, Nevada 89032. The recreation center serves residents throughout North Las Vegas by providing recreational programs, community events, and public gathering space. During emergencies, the facility is designated to support emergency operations by serving as a shelter and community resource center for residents affected by disasters and prolonged power outages. Silver Mesa Recreation Center is an ideal location for this mitigation project because it is an existing City-owned critical facility with the infrastructure necessary to support emergency shelter operations.

Latitude

36.233340

Longitude

-115.190410

Attachments

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Project benefiting area

Provide a detailed description of the proposed project's benefiting area.

The proposed project will benefit the entire City of North Las Vegas, which encompasses approximately 101 square miles and is home to more than 300,000 residents. Although the standby generator will be installed at the Silver Mesa Recreation Center, the facility serves as a citywide emergency resource that can be activated to support residents during disasters, prolonged power outages, and other emergency events. The Silver Mesa Recreation Center is part of the City's emergency preparedness and response network and is capable of serving residents from all neighborhoods within North Las Vegas. During emergencies, the facility can function as a temporary shelter, cooling center, warming center, resource distribution site, and location for emergency information and community assistance. By ensuring the recreation center remains operational during power outages, the project increases the City's overall capacity to provide life-safety services and continuity of operations when they are needed most. The project will particularly benefit vulnerable populations, including older adults, individuals with disabilities or access and functional needs, households with young children, residents who rely on electrically powered medical equipment, and individuals without access to backup power. During periods of extreme heat, which are common in Southern Nevada, maintaining a climate-controlled public facility can reduce the risk of heat-related illness and provide a safe refuge for affected residents. The project also benefits City emergency responders and partner agencies by providing a reliable location from which to coordinate response activities, disseminate public information, and support recovery operations. While the physical improvements are limited to the Silver Mesa Recreation Center, the enhanced emergency shelter capability and continuity of operations will strengthen the resilience of the entire North Las Vegas community.

Attachments

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Project impact area

Provide a detailed description of the proposed project's impact area.

The impact area for the proposed project is the Silver Mesa Recreation Center and the surrounding community it serves, with benefits extending throughout the City of North Las Vegas during emergency events. The project will improve the resilience of this critical public facility by providing a permanent standby power source capable of maintaining essential building operations during commercial power outages. The installation of the standby generator will directly impact the recreation center by allowing critical systems, including heating, ventilation, air conditioning, lighting, communications equipment, security systems, refrigeration, and designated electrical circuits, to remain operational when utility power is interrupted. This capability will enable the facility to continue functioning as an emergency shelter, cooling center, warming center, and community resource center during disasters and prolonged power outages. The broader impact area includes all residents of North Las Vegas who may require emergency shelter or access to essential services during an incident. By ensuring the Silver Mesa Recreation Center remains operational, the project strengthens the City's emergency response capabilities, improves continuity of operations, and increases the availability of a safe, climate-controlled facility for residents affected by extreme heat, severe weather, utility failures, or other hazards.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project site inventory

Does this project subapplication propose to mitigate a **Yes** property/structure(s)? (Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.)

Please describe how the propert(ies) will be selected upon subgrant approval. (Example: Saferoom Lottery Project, Fix the Bricks Project)

Please [download the excel template](#), and then fill out the template with building or infrastructure data.

Enter the location of the property/structure.

List of location(s) (1 location)

Status	Location ID	Address	Inventory type	Structure type	Mitigation action
✓	128803	4025 Allen Ln , North Las Vegas, NV, Clark, 89032	Building	Government	Generator, Mitigation reconstruction

Continue

City of North Las Vegas

Emergency Shelter Standby Generator Project

Budget

Budget cost estimate should directly link to your scope of work and work schedule. You must add at least one item(s) greater than 0 for your cost estimate. As necessary, please adjust your federal/non-federal cost shares, and add the non-federal funding source(s) you are planning to use this project. Once you have completed this section, please click the Continue button at the bottom of this page to navigate to the next section.

Add budget cost types and item(s)

First, click the Add cost type button below to add cost type cost estimate and then click the Add item(s) button to add the item(s) for the cost estimate.

Grand total: \$800,000.00

Budget type: Construction

►	Cost type: Cost estimate	\$800,000.00
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Program income (optional)

Cost share

Cost share or matching means the portion of project costs not paid by federal funds.

Proposed federal vs. non-federal funding shares

Hazard Mitigation Assistance (HMA) funds may be used to pay up to 75% federal share of the eligible activity costs. For Building Resilient Infrastructure and communities (BRIC), small impoverished communities may be eligible for up to 90% federal share. For Flood Mitigation Assistance (FMA), and severe repetitive loss (SRL) properties may be eligible for up to 100% federal share. Repetitive loss (RL) properties may be eligible for up to 90% federal share.

Cost estimate

	% Percentage	\$ Dollar amount

Is this a small impoverished community?

This determines your federal/non-federal share ratio.
No

Proposed 75.00 600000.00
federal share

Proposed 25.00 200000.00
non-federal share

Based on total
budget cost:
\$800,000.00

Non-federal funding sources here

That portion of the total costs of the program provided by the non-federal entity in the form of in-kind donations or cash match received from third parties or contributed by the agency. In-kind contributions must be provided and cash expended during the project period along with federal funds to satisfy the matching requirements.

Funding source	% Non-federal share by source	Funding amount
► Funding source: General Fund	100.00%	\$200,000.00

Additional comments.

The City of North Las Vegas will provide a formal match commitment letter following submission of the BRIC application to confirm the availability and dedication of non-federal cost share funding for the proposed project. At the time of application submission, the City has identified the proposed source of match and fully intends to meet all non-federal cost share requirements associated with project implementation. The match commitment letter will be executed by the appropriate authorized City official and will be provided to support the application upon request or in accordance with FEMA and Nevada Division of Emergency Management requirements. The City understands the importance of clearly documenting cost share commitments and will ensure that all required financial assurances are formally confirmed prior to award acceptance and project implementation. This approach allows the City to maintain timely submission of the application while ensuring full compliance with all

post-submission documentation requirements
related to cost share verification.

Attachments

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City of North Las Vegas

Emergency Shelter Standby Generator Project

Cost-effectiveness

How was cost-effectiveness determined for this project?

- ☒ Not applicable
- Please explain why this project is not applicable.

The proposed installation of a standby generator at the Silver Mesa Recreation Center is intended to ensure the facility remains operational during power outages caused by extreme heat, severe weather, or utility infrastructure failure. The value of the project is realized during low-frequency but high-impact emergency events where the facility serves as a critical shelter and resilience hub for the community. In these circumstances, the benefits are largely qualitative and difficult to monetize using standard Benefit-Cost Analysis methodologies. The project does not primarily prevent structural damage or repair costs to a facility; instead, it ensures continued access to essential services such as cooling and warming space, emergency information, charging for medical and communication devices, and temporary refuge for vulnerable populations. These benefits include avoided loss of life, reduced risk of heat-related illness, and improved continuity of emergency response operations, none

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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City of North Las Vegas Emergency Shelter Standby Generator Project

Environmental/Historic Preservation (EHP) Review Information

Introduction

An environmental/historic preservation review is required for all activities for which FEMA funds are being requested. FEMA will complete this review with the assistance of both the state or tribal government and the local applicant. It is important that you provide accurate information. If you are having problems completing this section, please contact your application point of contact.

A. National Historic Preservation Act - Historic Buildings and Structures

1. Does your project affect or is it in close proximity to any buildings or structures 50 years or more in age? **No**

B. National Historic Preservation Act - Archeological Resources

Does your project involve disturbance of ground? **Yes**

Please confirm that you have provided the information listed below by selecting each check box. (If you have not provided these documents in any other section of the application, please attach the required documents below.)

- ☒ A description of the ground disturbance by giving the dimensions (area, volume, depth, etc.) and location.
- ☒ The past use of the area to be disturbed, noting the extent of previously disturbed ground.
- ☒ A USGS 1:24,000 scale or other site map showing the location and extent of ground disturbance.

To help FEMA evaluate the impact of the project, please indicate below any other information you are providing. (optional)

- ☒ Any information about potential historic properties, including archeological sites, in the project area. Sources of this information may include SHPO/THPO, and/or the Tribe's cultural resources contact if no THPO is designated. Include, if possible, a map showing the relation of any identified historic properties to the project area.
- ☒ Attached materials or additional comments.

Please provide an explanation and any information about this project that could assist FEMA in its review. (optional)

The proposed project will involve minor and localized ground disturbance associated with the installation of a standby generator system at the Silver Mesa Recreation Center. This disturbance will be limited to the construction of a reinforced concrete equipment pad and shallow trenching for electrical conduit and related infrastructure required to connect the generator to the existing building. The area proposed for disturbance is located within an existing, fully developed recreational

facility that has been in continuous public use for many years. The site has been previously graded and developed as part of the original construction of the Silver Mesa Recreation Center, and the areas surrounding the proposed work consist of existing paved surfaces, landscaped areas, and utility infrastructure typical of an active municipal park and recreation facility. No undisturbed or natural land conditions are present within the project footprint.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
SMRC 3.png	07/06/2026	arsent@cityofnorthlasvegas.com	involveDisturbanceOfGround.attachmentIds	No description given.	
SMRC 5.jpeg	07/06/2026	arsent@cityofnorthlasvegas.com	involveDisturbanceOfGround.attachmentIds	No description given.	
SMRC 1.png	07/06/2026	arsent@cityofnorthlasvegas.com	involveDisturbanceOfGround.attachmentIds	No description given.	
SMRC 2.jpeg	07/06/2026	arsent@cityofnorthlasvegas.com	involveDisturbanceOfGround.attachmentIds	No description given.	
SMRC 4.jpeg	07/06/2026	arsent@cityofnorthlasvegas.com	involveDisturbanceOfGround.attachmentIds	No description given.	

C. Endangered Species Act and Fish and Wildlife Coordination Act

1. Are federally listed threatened or endangered species or their critical habitat present in the area affected by the project? **No**
2. Does your project remove or affect vegetation? **No**
3. Is your project in, near (within 200 feet), or likely to affect any type of waterway or body of water? **No**

D. Clean Water Act, Rivers and Harbors Act, and Executive Order 11990 (Protection of Wetlands)

1. Will the project involve dredging or disposal of dredged material, excavation, adding fill material or result in any modification to water bodies or wetlands designated as 'waters of the U.S.' as identified by the US Army Corps of Engineers or on the National Wetland Inventory? **No**

E. Executive Order 11988 (Floodplain Management)

1. Does a Flood Insurance Rate Map (FIRM), Flood Hazard Boundary Map (FHBM), hydrologic study, or some other source indicate that the project is located in or will affect a 1% annual chance floodplain, a 0.2% annual chance floodplain, a regulatory floodway, or an area prone to flooding? **No**

2. Does the project alter a watercourse, water flow patterns, or a drainage way, regardless of its floodplain designation? **No**

F. Coastal Zone Management Act

1. Is the project located in the state's designated coastal zone? **No**

G. Farmland Protection Policy Act

1. Will the project convert more than 5 acres of prime or unique farmland outside city limits to a non-agricultural use? **No**

H. Resource Conservation and Recovery Act (RCRA) and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (Hazardous and Toxic Materials)

1. Is there a reason to suspect there are contaminants from a current or past use on the property associated with the proposed project? **No**

2. Are there any studies, investigations, or enforcement actions related to the property associated with the proposed project? **No**

3. Does any project construction or operation activities involve the use of hazardous or toxic materials? **No**

4. Do you know if any of the current or past land-uses of the property affected by the proposed project or of the adjacent properties are associated with hazardous or toxic materials? **No**

I. Other Environmental/Historic Preservation Laws or Issues

1. Are there other environmental/historic preservation requirements associated with this project that you are aware of? **No**

2. Are there controversial issues associated with this project? **No**

3. Have you conducted any public meeting or solicited public input or comments on your specific proposed mitigation project? **No**

J. Summary and Cost of Potential Impacts

Having answered the questions in parts A. through I., have you identified any aspects of your proposed project that have the potential to impact environmental resources or historic properties? **No**

[Continue](#)

City of North Las Vegas

Emergency Shelter Standby Generator Project

Evaluation

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **Yes**

Select rating. **7**

Is the applicant a [Cooperating Technical Partner \(CTP\)](#)? **No**

Was this application generated from a previous FEMA HMA Advance Assistance or Project Scoping award or any other federal grant award, or the subapplicant is a past recipient of Building Resilient Infrastructure and Communities (BRIC) non-financial Direct Technical Assistance? **No**

Has the applicant adopted building codes consistent with the [international codes](#)? **Yes**

Year of building code **2024**

Please provide the building code. **International Building Code**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **Yes**

Select rating. **7**

Describe involvement of partners to enhance the mitigation activity outcome.

The City of North Las Vegas will coordinate with multiple internal and external partners to enhance the planning, implementation, and long-term effectiveness of the proposed standby generator project at the Silver Mesa Recreation Center. Internally, the City's Public Works Department will provide engineering oversight, technical review, and construction management support to ensure the project is designed and installed in accordance with applicable building, electrical, and life-safety standards. The Facilities Maintenance Division will provide input on operational requirements, equipment specifications, and long-term maintenance needs to ensure the system is

reliable and sustainable once placed in service. The City's Emergency Management staff will also assist in identifying operational priorities for the facility during emergency activation, ensuring the generator supports sheltering and continuity of operations functions. The Grants Development and Administration Department will coordinate with all partners to ensure compliance with FEMA BRIC requirements, including procurement standards, environmental and historic preservation review, financial management, and reporting. The Finance Department will support fiscal tracking and reimbursement processes to ensure proper documentation of all eligible project costs. Externally, the City will coordinate with the Nevada Division of Emergency Management to ensure alignment with state hazard mitigation priorities and to support grant administration requirements. The City will also engage licensed engineering consultants and qualified contractors through a competitive procurement process to complete project design and construction. These partners will provide specialized technical expertise in generator sizing, electrical integration, and installation best practices to ensure the system is fully functional and code compliant.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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