

City of North Las Vegas Building Code Infrastructure and Training Project

Contact information

Subrecipient Authorized Representative (SAR)

<p>Tyler Arsen</p> <p>arsent@cityofnorthlasveg</p>	<p>Primary phone 7026332919 ext 2919 Work</p>	<p>Mailing address</p>
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Point(s) of contact

<p>Valarie Evans Building Official</p> <p>evansv@cityofnorthlasveg</p>	<p>Primary phone 7026331580 ext 2919 Work</p> <p>Fax</p>	<p>Additional phones 7022394071 Mobile</p>	<p>Mailing address 2250 N. Las Vegas BLVD Suite 700 North Las Vegas NV 89030</p>
<p>Tyler Arsen Grants Officer</p> <p>arsent@cityofnorthlasveg</p>	<p>Primary phone 7026332919 ext 2919 Work</p> <p>Fax</p>	<p>Additional phones 7024817475 Mobile</p>	<p>Mailing address 2250 N. Las Vegas BLVD Suite 700 North LAs Vegas NV 89030</p>

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City of North Las Vegas Building Code Infrastructure and Training 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	3	320007	Y	7	1

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 Building Code Infrastructure and Training 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 plan detail

Plan name	Plan type	Plan approval date
CLARK COUNTY 2018 MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN	Local Multijurisdictional Multi-Hazard Mitigation Plan	02/20/2018

Proposed activity description

To meet the requirements of the DMA 2000, Clark County (the County) has prepared a Multi-jurisdictional Hazard Mitigation Plan (HMP; hereinafter referred to as the 2018 HMP) to assess risks posed by natural and human-caused hazards and to develop mitigation action plans for reducing the risks in Clark County, Nevada. The 2018 HMP replaces the HMP that the County prepared in 2012. The following jurisdictions are included in the 2018 HMP: Unincorporated Clark County, city of Boulder City, city of Henderson, city of Las Vegas, city of Mesquite, city of North Las Vegas, Clark County School District (CCSD), and the Clark County Water Reclamation District (CCWRD). The 2018 HMP also includes tribal annexes for the Las Vegas Paiute Tribe and the Moapa Band of Paiutes. The 2018 HMP is organized to follow FEMA's Local Mitigation Plan Review Tool (April 2017) which demonstrates how local HMPs meet the DMA 2000 regulations. As such, specific planning elements of this review tool are in their appropriate plan sections. Jurisdiction-specific information, including a vulnerability analysis and mitigation strategy, is located in Appendices F-M. A full list of chapter and appendix titles can be found in the table of contents. The tribal annexes are included as Annex A and Annex B. These annexes address the forthcoming (2018) Tribal Mitigation Plan Review Tool.

Please provide any additional comments below (optional).

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
2018 Clark Co Multi-Jurisdictional_HMP.pdf	02/04/2024	arsent@cityofnorthlasvegas.com	Mitigation Plan Attachments	<i>No description given.</i>	

Continue

City of North Las Vegas Building Code Infrastructure and Training 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 Building Code Infrastructure and Training Project

Activities

Primary activity type

Codes and standards

Primary sub-activity type

Development, administration, and enforcement of new codes

Secondary activity type (Optional)

Education and awareness

Secondary sub-activity type

Professional education

Tertiary activity type (Optional)

Geographic areas description

**Entire community of the City of North Las Vegas.
Population: 274,133 Size: 102.4 sq. mi
Demographic: Minority-Majority**

Community lifelines

Primary community lifeline

Safety and security

Primary sub-community lifeline

Community safety

Secondary community lifeline (optional)

Hazard sources

Primary hazard source	Infrastructure failure
Secondary hazard source (optional)	Fire
Tertiary hazard source (optional)	Earthquake
Is this a phased project?	No
Are you doing construction in this project?	No
Percentage of population impacted	100
Provide detailed description of population impacted	The City of North Las Vegas (CNLV) is located in the Northeastern portion of the Mojave Desert. The minority-majority city is home to 274,000 citizens with a median income 9% below the national average. The population of CNLV has more than doubled since 2000, making it the third fastest growing large city in the US. In the Downtown area, 74% of the population is Hispanic, 15% is African American, and over 70% of the residents are low income compared to 51% in the State and 40% in the USA. With a 73% non-White population, North Las Vegas is the largest minority-majority community in the state of Nevada. Disadvantaged groups and communities of color bear a disproportionate burden in relation to health outcomes, educational disparity and economic well-being. Every grant funding opportunity received by North Las Vegas is invested for the purpose of equitable recovery for all demographic, ethnographic, and geographic subgroups in our community. This is achieved through intentional planning and execution of projects designed to benefit those who need it most. The City is committed to allocating resources where they are most needed, protecting our natural resources, and upkeeping a stable infrastructure to support the generations that follow.
Provide a clear and detailed description of your proposed activity	Building Code Infrastructure and Training Program The City of North Las Vegas (CNLV) intends to create safer, more sustainable, and resilient communities by updating the digital code platform, increasing staff certification and training, and enhancing the Remote Virtual Inspections (RVI) program. During the 2024 code

adoption process, CNLV Building Safety and Fire Prevention proposed the shift to a three-year adoption and an updated digital code platform. The new standards create a rare opportunity to restructure and enhance CNLV's building code and safety practices. This project aligns with BRIC's program initiatives and will address the need to modernize CNLV's existing building codes to align with current industry standards including, but not limited to:

- International Building Code (IBC)
- International Residential Code (IRC)
- International Fire Code (IFC)
- International Energy Conservation Code (IECC)
- National Electric Code (NEC)
- Uniform Plumbing Code (UPC)
- Uniform Mechanical Code (UMC)

The proposed project submitted by the City of North Las Vegas aims to update and enhance our city's building codes, focusing on the following key areas:

- 1. Safety and Resilience:** Incorporate the latest advancements in building design and construction to enhance the safety and resilience of structures against natural disasters, such as earthquakes, floods, and extreme weather events.
- 2. Sustainability:** Integrate sustainable building practices to promote energy efficiency, reduce environmental impact, and encourage the use of renewable resources in construction.
- 3. Accessibility:** Ensure that building codes adhere to the principles of universal design, making structures accessible to all residents, including those with disabilities or special needs.

Staff Certification and Training Staff certification and training is a key component of the Building Code Infrastructure and Training project. The goal of this initiative is to equip professionals within the diverse community with the necessary knowledge and skills to understand, implement, and enforce updated building codes. The joint-funded training program will contribute significantly to the overall safety, sustainability, and resilience of the City of North Las Vegas. International Building Code (IBC) certification and training requires professionals to engage in continuous learning as the City of North Las Vegas stays up to date on current industry standards. Funds requested will be allocated toward instructional materials and initial startup. The curriculum will encompass both fundamental and advanced topics, catering to

professionals requiring continuous education.

International Code Council (ICC) Digital Platform

The safety and resilience of CNLV's minority-majority community also depends on updated building codes. This project aims to modernize the existing platform to better serve the needs of the community, streamline code enforcement processes, and ensure that CNLV remains at the forefront of technological advancements in the building industry. Key objectives include:

- 1. User Interface and Experience:** Enhance the platform's user interface and experience to make it intuitive, user-friendly, and accessible for all stakeholders involved in the building process.
- 2. Integration of Technology:** Incorporate the latest technological advancements to ensure platform functionality, allowing for communication, document sharing, and data analysis among code enforcement staff, architects, builders, and other relevant parties.
- 3. Data Security:** Strengthen the platform's security features to safeguard sensitive information and ensure compliance with data protection regulations.

Remote Virtual Inspection (RVI) Enhancement

The CNLV Remote Virtual Inspection Program is an innovative pre-COVID initiative established in July 2019 intended to provide an alternative for eligible commercial and residential inspections. The program utilized available video conferencing platforms, including Skype, Google Meet, Zoom, etc. During the Covid-19 pandemic, the RVI program became a critical resource allowing the development community to have continued momentum in their service of the community. Currently, the City of North Las Vegas operates at the highest rate of RVI usage in Southern Nevada, conducting 250-300 per week. The current RVI program experiences common and repeated challenges including inaccuracy of remote inspections, spotty communication between contractors and code officials, unclear submittal and permitting process, and on-site delay due to technology related issues. To address these challenges, CNLV intends to utilize the VuSpex remote inspections program, allowing contractors to conduct inspections using a centralized and streamlined platform. First Due will reduce inspection time and increase the quality of individual inspections by incorporating:

- 1.**

Offline Functionality: The built-in offline functionality will reduce common delays resulting from weak Wi-Fi or internet connection issues. **2. Geographic Information System (GIS):** GIS will allow inspectors to retrieve critical information regarding the utility's equipment, as well as environmental information relevant to accessing areas for inspection, including paths, gates, and physical constraints. **3.**

Documentation: First Due will allow the inspector to take high-quality stills, notate, and archive documentation related to the inspection process. **4. Intergov Integration:** First Due will be able to integrate with the Tyler Intergov platform, allowing for a more streamlined process for online submittals via contractor portal. In addition to the VuSpex inspection platform, CNLV will utilize requested funds to integrate First Due, a fire prevention and community risk reduction platform. First Due is a dedicated platform for conducting annual fire inspections and recurring operational permits, and would be an imperative addition to the safety-building RVI enhancement component of the Building Code Infrastructure and Training Program. This technology fosters proactive fire prevention measures by providing real-time insights into potential hazards, allowing for prompt corrective measures. Ultimately, the specialized software solution enhances overall safety, expedites regulatory compliance, and reinforces a culture of fire prevention throughout the community. To reduce risk, expedite the inspection process, and decrease overall inspection cost, CNLV will add a drone rooftop inspection component to the RVI enhancement project. Requested funds will be allocated toward purchase of high-quality drones equipped with advanced imaging technology for detailed rooftop inspections, as well as training and certification for personnel. An added benefit to drone acquisition and certification is that drone certified personnel are limited, so newly certified employees will expand hazard response capabilities at CNLV.

How will the mitigation activity be implemented?

Updated Building Code Adoption Stakeholder Engagement: Inform key stakeholders about the decision to adopt the new building code, clearly communicate the benefits and reasons behind the adoption and address any questions that

may arise. Staff will take any feedback into consideration. **City Council Approval:** Present the proposed adoption of the updated building code to the city council for approval, addressing any concerns raised by council members during discussions. **Training Programs:** Develop and implement training programs for code enforcement officials and other relevant personnel to ensure they understand and can enforce the new code effectively. **Workshops** will be held for training and awareness purposes. **Community Feedback and Engagement:** Establish a system for ongoing feedback from stakeholders and the community. Use relevant feedback to identify areas for improvement and make necessary adjustments to the implementation plan. **Performance Metrics:** Define key performance indicators (KPIs) to measure the success of the new building code adoption. Regularly evaluate and report on these metrics to city officials and the public, ensuring community involvement during each step of the adaption process. **Remote Virtual Inspection Enhancement Technology Integration:** Ensure successful integration of the new platform with existing city systems and databases, transferring all relevant historical data for ongoing inspections. Verify compatibility with mobile devices used by inspectors and stakeholders. **Training and Onboarding:** Arrange training sessions for inspectors, staff, and relevant stakeholders. Maintain workshops for continuous learning and troubleshooting. Staff will develop user guides and tutorials for ongoing reference. **Privacy Measures:** Implement proven privacy measures to protect sensitive data and ensure compliance with privacy regulations. Staff will clearly communicate privacy protocols to all users and the community. **System Testing:** Conduct thorough testing of the virtual platform to identify and address any bugs or issues before final rollout. Project staff will verify that the platform meets the specified performance criteria, providing ongoing support during the rollout phase. **Performance Metrics:** Define key performance indicators (KPIs) to measure the success of the new virtual platform. Monitor metrics such as inspection turnaround time, user satisfaction, and system reliability.

Feedback Mechanism: Establish a feedback mechanism for continuous improvement. Collect feedback from inspectors, staff, users and the community regularly. Feedback will be utilized to improve the experience of all stakeholders.

Documentation: Maintain comprehensive documentation on the virtual platform implementation, including processes, training materials, and troubleshooting guides. Provide regular reports to city officials on the progress of the virtual building inspection platform implementation.

Drone Rooftop Inspection Regulatory Compliance: Ensure compliance with local aviation regulations regarding drone operations. Obtain necessary permits and approvals from relevant authorities.

Risk Assessment: Conduct a risk assessment to identify potential hazards and mitigate them. Establish or utilize proven safety protocols for drone operations, including emergency procedures.

Select and Acquire Equipment: Choose appropriate drones based on the inspection requirements. Ensure drones are equipped with high-resolution cameras, sensors, and any additional tools required for specific inspections. Procurement will adhere to all relevant Federal protocol related to drone purchase.

Training and Certification: Train drone operators on flight operations, emergency procedures, and data collection. Ensure operators are certified according to local regulations. Communicate enhanced city hazard mitigation capabilities to stakeholders and the community.

Reporting and Analysis: Develop standardized reporting templates for inspection results. Establish protocols for analyzing and interpreting data. Project staff will create a database for historical inspection data, ensuring privacy and data protection best practices.

Collaboration with Stakeholders: Communicate with building owners, managers, and other stakeholders to ensure alignment with their expectations. Provide regular updates on the progress and findings of inspections. Staff will conduct survey and analysis for continuous program improvement.

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 City of North Las Vegas will efficiently and effectively update its building code, fostering a safer, more sustainable, and resilient built

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.):

environment. During the 2024 code adoption process, CNLV Building Safety and Fire Prevention proposed the shift to a three-year adoption and an updated digital code platform. This project aligns with BRIC's program initiatives and will address the need to modernize CNLV's existing building codes to align with current industry standards including IBC, IRC, IFC, IECC, NEC, UPC, and UMC building codes (as listed in the activity description). The involvement of diverse stakeholders, technological advancements, and a commitment to ongoing improvement will contribute to the success of the code update process. The technical process for this process will include, but is not limited to:

- Conducting a Comprehensive Review
- Stakeholder Engagement
- Incorporate Sustainable and Resilient Practices
- Technological Integration
- Develop a Transition Plan
- Legal and Regulatory Approval
- Educational Campaigns
- Monitoring and Evaluation

CNLV has embraced the innovative Remote Virtual Inspection Program, so enhancing these technologies ensures that building inspections can be conducted remotely with accuracy, while minimizing physical presence and promoting safety and convenience for all involved parties. Implementation of the drone rooftop inspection component of the RVI program will further prove CNLV history of innovative decision making surrounding public service and community safety. With adherence to regulatory requirements and safety protocols, a drone rooftop inspection program provides a cost-effective, time-efficient, and technically feasible solution for assessing and maintaining the structural integrity of the community.

Who will manage and complete the mitigation activity?

Building Official, City of North Las Vegas Valarie Evans EvansV@cityofnorthlasvegas 702-633-1580 Fire Code Official Jason McMillan McMillanJ@cityofnorthlasvegas.com 702-633-1944

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

Updating to a new building code is a crucial measure to mitigate against hazards. Mitigation is enhanced by incorporating the latest safety standards, engineering practices, and technological advancements. The Remote Virtual Inspections Enhancement Project will improve

overall safety, minimizing human exposure to dangerous situations, and enabling timely and more efficient identification and mitigation of potential hazards, contributing to a more secure and resilient community.

Does the mitigation activity incorporate nature based solutions? Please select the Nature Based Solution(s) used: **None**

When will the mitigation activity take place?

Mitigation is already underway with CNLV taking part in regular code adoption committee meetings. The goal is to complete adoption of the new building code by August 2024, complete review by EOY 2024 with an effective date of 2025. Annual conferences occur in May, and CNLV will complete grant-funded educational meetings during the course of adoption, ending during the first quarter of 2026.

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?

Updating to a new building code is the best and only practical alternative. Building codes are regularly revised to incorporate the latest advancements in engineering, materials, and safety standards. An updated building code will address emerging risks and promote sustainable practices. It ensures that construction practices align with new industry knowledge, technologies, and environmental considerations. The result will incorporate safer, more energy-efficient, and sustainable structures and communities. Furthermore, adopting a new building code helps maintain regulatory compliance, providing a legal framework that promotes consistency and accountability in the construction industry. The Remote Virtual Inspection Enhancement and Drone Inspection Implementation Program enhance efficiency by reducing the need for on-site visits, enabling inspectors to remotely assess structures in a timely manner without physical constraints. This approach is particularly beneficial during emergencies or situations where physical presence may pose safety risks. Remote inspections will lead to cost savings for both inspectors and property owners by minimizing travel expenses and related logistical challenges.

Please identify the entity that will perform any long-term maintenance and provide a maintenance,

The only project requiring ongoing maintenance will be the Remote Virtual Inspection

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?

Enhancement Program. The CNLV IT department will perform long term maintenance on these platforms, and the ongoing \$54,000 annual cost will be funded by the CNLV General Fund after project completion.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC RVI Application Final.docx	02/04/2024	arsent@cityofnorthlasvegas.com	Scope of Work Attachments	No description given.	

Continue

City of North Las Vegas Building Code Infrastructure and Training 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.

<p>Task Name Code Adoption and Platform Enhancement</p>	<p>Start Month 1</p>	<p>Task Duration (in Months) 6 months</p> <p>Task Description The City of North Las Vegas (CNLV) intends to create safer, more sustainable, and resilient communities by updating the digital code platform, increasing staff certification and training, and enhancing the Remote Virtual Inspections (RVI) program.</p>
<p>Task Name Remote Virtual Inspections Program Enhancement</p>	<p>Start Month 1</p>	<p>Task Duration (in Months) 36 months</p> <p>Task Description CNLV intends to utilize the VuSpex and First Due remote inspections programs for building and fire inspections, allowing contractors to conduct inspections using a centralized and streamlined platform. Funding will provide for the initial \$20,000 and annual \$52,000 cost for the first three years of project implementation.</p>
<p>Task Name Drone Rooftop Inspection Implementation and Training</p>	<p>Start Month 1</p>	<p>Task Duration (in Months) 6 months</p> <p>Task Description CNLV will add a drone rooftop inspection component to the RVI enhancement project. Requested funds will be allocated toward purchase of high-quality drones equipped with advanced imaging</p>

technology for detailed rooftop inspections, as well as training and certification for personnel.

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

Proposed project start and end dates

Start Date **2025-01-01**

End Date **2027-12-31**

[Continue](#)

City of North Las Vegas Building Code Infrastructure and Training Project

Introduction

Project location

Provide a detailed description of the proposed project's location. **The entire community of the City of North Las Vegas.**

Latitude **36.198900**

Longitude **-115.117500**

Attachments

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Project benefiting area

Provide a detailed description of the proposed project's benefiting area. **City of North Las Vegas, NV**

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project impact area

Provide a detailed description of the proposed project's impact area. **City of North Las Vegas, NV**

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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Project site inventory

Does this project subapplication propose to mitigate a **No** property/structure(s)? (Examples: residential home, commercial building, bridge, fire station, levee, pumping station, wastewater treatment plant, telephone pole, electric line, etc.)

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

Continue

City of North Las Vegas Building Code Infrastructure and Training Project

Budget

Budget cost estimate and management cost (optional) 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. Once you have added item(s) for your cost estimate, you may then add the item(s) for management cost (optional). 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)

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. After adding items to your cost estimate, you may then select Add cost type button again to add management costs (optional) and applicable items.

Grand total: \$564,941.50

Budget type: Non construction

▶ Cost type: Cost estimate	\$564,941.50
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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. Building Resilient Infrastructure and Communities (BRIC), Economically Disadvantaged Rural Communities (EDRCs) and Community Disaster Resilience Zones (CDRZs) may be eligible for up to 90% federal share. 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

<p>Is this an Economically Disadvantaged Rural Community or Community Disaster Resilience Zone? ⓘ</p> <p>This determines your federal/non-federal share ratio.</p> <p>No</p>		%	\$ Dollar amount
		Percentage	
	Proposed federal share	74.86	422941.50
	Proposed non-federal share	25.14	142000.00
			Based on total budget cost: \$564,941.50

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	Funding amount	% Non-federal share by source
<p>▼</p> <p>Funding source: City of North Las Vegas IT Department General Fund</p> <p style="text-align: right;">57.04% \$81,000.00</p>		
Name of source agency	Funding amount	Funding type
Date of availability	Fund commitment letter date	
City of North Las Vegas	\$81000.00	Supplies
		02/04/2024
		01/31/2024
<p>▼</p> <p>Funding source: City of North Las Vegas General Fund</p> <p style="text-align: right;">42.96% \$61,000.00</p>		

Name of source agency	Funding amount	Funding type	Date of availability	Fund commitment letter date
City of North Las Vegas	\$61000.00	Labor	02/04/2024	01/31/2024

Additional comments.

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
BRIC FY23 Budget.xlsx	02/05/2024	arsent@cityofnorthlasvegas.com	Budget Attachments	Supplementary Budget	
BRIC Match Commitment Personnel.pdf	02/05/2024	arsent@cityofnorthlasvegas.com	Budget Attachments	<i>No description given.</i>	
BRIC Match Commitment Supplies.pdf	02/05/2024	arsent@cityofnorthlasvegas.com	Budget Attachments	<i>No description given.</i>	

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City of North Las Vegas Building Code Infrastructure and Training Project

Cost-effectiveness

How was cost-effectiveness determined for this project?

Not applicable

Please explain why this project is not applicable.

FEMA Program Support Material: BRIC Building Code Activities

Please provide any additional comments below (optional).

Attachments

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City of North Las Vegas Building Code Infrastructure and Training 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? **No**

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. Executive Order 12898, Environmental Justice for Low Income and Minority Populations

1. Are there low income or minority populations in the project's area of effect or adjacent to the project area? **No**

J. 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 **No**

mitigation project?

K. Summary and Cost of Potential Impacts

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

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City of North Las Vegas Building Code Infrastructure and Training Project

Evaluation

Is the applicant participating in the [Community Rating System \(CRS\)](#)? **No**

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 **2021**

Please provide the building code. **2021 International Building Code**

Have the applicant's building codes been assessed on the [Building Code Effectiveness Grading Schedule \(BCEGS\)](#)? **No**

Describe involvement of partners to enhance the mitigation activity outcome.

CNLV will ensure collaboration with all stakeholders, professionals, and the community through collaborative meetings, trainings, educational opportunities and community feedback.

Discuss how anticipated future conditions are addressed by this project.

The City of North Las Vegas will efficiently and effectively update its building code, fostering a safer, more sustainable, and resilient built environment. The involvement of diverse stakeholders, technological advancements, and a commitment to ongoing improvement will contribute to the success of the code update process. Enhancing local RVI technologies ensures that building inspections can be conducted remotely with accuracy, while minimizing physical presence and promoting safety and convenience for all involved parties.

Additional comments (optional)

Attachments

Filename	Date uploaded	Uploaded by	Label	Description	Action
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City of North Las Vegas Building Code Infrastructure and Training Project

Comments & attachments

▶ Community	0 comments, 0 attachments
▶ Mitigation plan	0 comments, 1 attachment
▶ Scope of work	0 comments, 1 attachment
▶ Budget	0 comments, 3 attachments
▶ Cost-effectiveness	0 comments, 0 attachments
▶ Evaluation	0 comments, 0 attachments
▶ Environmental/Historic Preservation (EHP)	0 comments, 0 attachments
▶ Location	0 comments, 0 attachments

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