

Record Title Format: [Jurisdiction Name] - [Program Name] - [Project Number]

Ex: Sacramento County - DR-Infrastructure - 1

*Project Numbers are based on the number of projects you are submitting for the grants.

Record Title

County of Nevada - MIT RIP - 1

What Grant Program are you submitting for?

MIT-Resilient Infrastructure Program

Does the jurisdiction have existing capacity to manage the solicitation, selection, monitoring, environmental review compliance, and oversight of the program?

Yes

If Yes, please describe the capacity and staffing in detail.

County of Nevada has existing capacity to manage the solicitation, selection, monitoring, environmental review compliance, and oversight of the Roadside Vegetation Management Program. The County of Nevada Office of Emergency Services is in the Information and General Services Agency. Within the agency lies several departments and a wealth of expertise and capacity as it relates to grant management and oversight, as well as Request for Proposal solicitation and selection. The Office of Emergency Services currently manages a number of federal and state issued grants including annual Homeland Security and Emergency Management Performance Grants, as well as a \$3.5 million-dollar contract and grant combination from the California Governor’s Office and Department of Forestry, CAL FIRE, for the Ponderosa West Grass Valley Defense Zone. The Office of Emergency Services is experienced in securing required state and federal environmental compliance. Transparency and accountability are baked into the County of Nevada’s Purchasing Policy, and are included in our competitive procurement, contractor oversight, expense tracking, public notification, grant reporting, and thorough Auditor review.

What is the Project Type?

FEMA HMGP Match

Choose the Eligible Applicant. Eligible Applicants are those cities and counties identified in Section 2.2.3 of the DR-Infrastructure Policies and Procedures.

Eligible Applicant (City/County)

Nevada County

Please Type Jurisdiction Name

County of Nevada

Special districts can include water districts, fire districts, school districts, etc.

Is this a project on behalf of another government entity or special district other than the Eligible Applicant?

No

OES Number e.g. PJ0385

OES Number

PJ0704

Project Title

Roadside Vegetation Management

A description or scope of work for stand-alone infrastructure projects is required. For FEMA PA and HMGP input N/A, we will look at your worksheet for the scope of work.

Project Description and/or Scope of Work

N/A

Please provide a brief description of the location of the project.

Project Location Description

The County of Nevada's Roadside Vegetation Management project will take place throughout Nevada County on County and Town of Truckee-maintained roadways which serve as critical evacuation routes for residents and benefit low to moderate income (LMI) communities.

Project City

City of Grass Valley, City of Nevada City, Town of Truckee, and unincorporated Nevada County

Project Zip Code(s)

95960, 95602, 95977, 95945, 95949, 95975, 95946, 95959, 96161

Format the Latitude and Longitude of the project in decimal form (e.g. 39.332962, -123.22534)

Project Latitude and Longitude

39.270199904426576, -121.02646458862228

Does the project service area benefit an LMI population or area?

Yes

If yes, describe how the project service area benefits an LMI population or area

The project service area benefits a total of 64 block groups, of which 17 are designated LMI. In total, 58.2 miles of roadway will receive hazardous fuels mitigation work to reduce the threat of wildfire starting on a roadway and to improve egress and ingress for residents and first responders. Of the 317.5 miles to receive hazardous fuels mitigation treatment, 18.36% of the miles to be treated are located within the LMI.

Upload document that support the LMI service area (Optional)

50406 - Treated Roads & LMI Block Groups.pdf

Does the project service area benefit the MID?

Yes

If yes, describe how the project service area benefits a MID area (additional material and information may be required)

The project service area benefits a total of 64 block groups, of which 17 are designated LMI. In total, 58.2 miles of roadway will receive hazardous fuels mitigation work to reduce the threat of wildfire starting on a roadway and to improve egress and ingress for residents as well as first responders. Of the 317.5 miles to receive hazardous fuels mitigation treatment, 18.36% of the miles to be treated are located within the LMI.

Upload documentation that supports how the project benefits a MID area (Optional)

Provide the Census Tract/Block Group of the project service area, for example, Block 3001, 3002, 3003, etc.

What Census Tracts/Block Groups are served by this project?

This project serves the following Block Groups: Block Group 1, Census Tract 1.02, Nevada County; Block Group 2, Census Tract 1.02, Nevada County; Block Group 3, Census Tract 1.02, Nevada County; Block Group 4, Census Tract 1.02, Nevada County; Block Group 1, Census Tract 1.03, Nevada County; Block Group 2, Census Tract 1.03, Nevada County; Block Group 3, Census Tract 1.03, Nevada County; Block Group 5, Census Tract 1.03, Nevada County; Block Group 6, Census Tract 1.03, Nevada County; Block Group 1, Census Tract 1.04, Nevada County; Block Group 2, Census Tract 1.04, Nevada County; Block Group 3, Census Tract 1.04, Nevada County; Block Group 2, Census Tract 1.05, Nevada County; Block Group 3, Census Tract 1.05, Nevada County; Block Group 1, Census Tract 2, Nevada County; Block Group 2, Census Tract 2, Nevada County; Block Group 1, Census Tract 3, Nevada County; Block Group 2, Census Tract 3, Nevada County; Block Group 1, Census Tract 4.01, Nevada County; Block Group 2, Census Tract 4.01, Nevada County; Block Group 3, Census Tract 4.01, Nevada County; Block Group 4, Census Tract 4.01, Nevada County; Block Group 1, Census Tract 4.02, Nevada County; Block Group 2, Census Tract 4.02, Nevada County; Block Group 3, Census Tract 4.02, Nevada County; Block Group 4, Census Tract 4.02, Nevada County; Block Group 1, Census Tract 5.01, Nevada County; Block Group 2, Census Tract 5.01, Nevada County; Block Group 3, Census Tract 5.01, Nevada County; Block Group 2, Census Tract 5.02, Nevada County; Block Group 3, Census Tract 5.02, Nevada County; Block Group 4, Census Tract 5.02, Nevada County; Block Group 1, Census Tract 6, Nevada County; Block Group 2, Census Tract 6, Nevada County; Block Group 3, Census Tract 6, Nevada County; Block Group 4, Census Tract 6, Nevada County; Block Group 5, Census Tract 6, Nevada County; Block Group 1, Census Tract 7.01, Nevada County; Block Group 2, Census Tract 7.01, Nevada County; Block Group 3, Census Tract 7.01, Nevada County; Block Group 4, Census Tract 7.01, Nevada County; Block Group 5, Census Tract 7.01, Nevada County; Block Group 6, Census Tract 7.01, Nevada County; Block Group 1, Census Tract 7.02, Nevada County; Block Group 2, Census Tract 7.02, Nevada County, California; Block Group 1, Census Tract 8.01, Nevada County, California; Block Group 2, Census Tract 8.01, Nevada County, California; Block Group 3, Census Tract 8.01, Nevada County, California; Block Group 1, Census Tract 8.02, Nevada County, California; Block Group 2, Census Tract 8.02, Nevada County, California; Block Group 3, Census Tract 8.02, Nevada County, California; Block Group 4, Census Tract 8.02, Nevada County; Block Group 1, Census Tract 9, Nevada County; Block Group 2, Census Tract 9, Nevada County; Block Group 3, Census Tract 9, Nevada County; Block Group 1, Census Tract 12.03, Nevada County; Block Group 3, Census Tract 12.03, Nevada County; Block Group 2, Census Tract 12.04, Nevada County; Block Group 3, Census Tract 12.04, Nevada County; Block Group 1, Census Tract 12.05, Nevada County; Block Group 3, Census Tract 12.05, Nevada County; Block Group 2, Census Tract 12.06, Nevada County; Block Group 4, Census Tract 12.06, Nevada County; Block Group 5, Census Tract 12.06, Nevada County

Service Map (Optional)

50406 - Treated Roads & LMI Block Groups.pdf

Provide the current Project Status of the project.

Project Status

Design and Engineering Completed

Round 1 MIT Infrastructure Projects should be "Shovel Ready". Are project plans complete?

Yes

Upload project plans (Optional)

Round 1 MIT Infrastructure Projects Shovel Ready.pdf

Has a NEPA Environmental Review been completed?

No

Provide the Total Project Cost amount in dollars, including hard project costs and Activity Delivery Costs (ADCs).

Total Project Cost (\$ amount)

\$2,867,425

FEMA can provide up to 75% of the project costs.

FEMA Funding Identified/ Committed (\$ amount)

\$2,151,175

State Matching Funds can be up to 18.75% of the project.

State Matching Funds (\$ amount)

\$0

Local Match (\$ amount)

\$716,250

Total unmet need for the project.

Project Unmet Need

\$2,867,425

The total amount that is needed from CDBG-Mitigation funding.

Anticipated CDBG funding need (\$ amount)

\$2,867,425

Have you applied for other sources of funds for this project?

Yes

If yes, please explain how much have you applied for, have you been awarded funds, and what is/are the amount(s)

County of Nevada has applied to FEMA's HMGP program for a project totaling \$2,867,425. County of Nevada requested \$2,151,175 for the 75% federal share. Our project has been reviewed, approved and submitted by CalOES to FEMA for final analysis. FEMA has sent us Requests for Information, to which we have replied, and our application is now in Environmental and Historic Preservation Review.

Provide a description of the basis for the cost estimate and/or unmet need of the project.

Basis for Cost Estimate / CDBG Funding Need

County of Nevada has applied for \$2,867,425 in Hazardous Mitigation Grant Program funds to complete hazardous fuels removal work along 317.5 miles of public roadway. This grant has been reviewed and approved by CalOES and is currently with FEMA for Environmental and Historic Preservation review. While County of Nevada has applied for HMGP grant funds, these funds have not yet been obligated. In this application we have indicated the full unmet need of our HMGP grant, with the hope that FEMA awards this project soon.

Hazardous vegetation treatment along roadsides has been identified in Nevada County's Local Hazard Mitigation Plan, Community Wildfire Protection Plan, the County's Safety Element, and the CAL FIRE Nevada-Yuba-Placer Unit Plan as a critical mitigation measure to make evacuation routes safer for residents and increase ingress safety for fire fighters as well as first responders.

The County maintains approximately 560 miles of public roads and conducts vegetation management along these roads to reduce fuels. This vegetation management occurs under the Nevada County Public Works Department's Roadside Vegetation Management Program. The program treats 50 miles, or approximately 9% of the County road system on an annual basis. Each mile of roadway is treated every 11 years.

Although roadside hazardous vegetation removal has been identified as a critical mitigation action, inadequate funding has been a limiting factor in how much mitigation takes place each year. To increase the pace of treatment, County of Nevada is aggressively seeking grant opportunities to supplement existing gas tax and vehicle license fees which support current vegetation removal efforts.

The Public Works Department has provided treatment estimates based on actual costs incurred to remove hazardous vegetation along evacuation routes. The objective of the Roadside Vegetation Management project is to treat 300 miles of county-maintained roadway, and 17.5 miles of Town of Truckee maintained roadway, over the course of two years. This project also involves fuels modifications to create fuel breaks and safety corridors along roadway edges using Town of Truckee right of way in several subdivisions including Prosser Lakeview, Prosser Heights, Glenshire, Tahoe Donner, Armstrong Tract, and McIver Hill.

The documentation should clearly demonstrate the reasoning of the cost estimate and support the description of the cost estimate and/or unmet need.

Provide cost estimate documentation (from a professional engineer, etc.) (Optional)

Provide cost estimate documentation_Optional.pdf

Was the project denied by FEMA for PA or HMGP funds?

No

Describe prior experience in implementing risk reduction projects of scale and scope similar to project being proposed

The County of Nevada Public works Department and the Office of Emergency Services have implemented risk reduction projects of a similar scale and scope to the project being proposed. Most recently, County of Nevada was awarded \$3.5 million grant and contract via CAL FIRE's Fire Prevention Grant program to complete a 1,200-acre shaded fuel break project to mitigate the threat of wildfire. The Public Works Department was also awarded a CAL FIRE Fire Prevention grant to complete fuels mitigation work alongside 35% of Nevada County's road system.

Like the proposed Roadside Vegetation Management project, these similar efforts required concept development; full and open competition through bid development, solicitation and selection; stakeholder engagement; environmental review; contract management; expense tracking; invoicing; and project management. The County of Nevada has extensive experience managing projects of this size and complexity and is able to draw on the support of a network of departments with unique skillsets, capacities, and expertise. For example, the Purchasing Department is available to assist with Request for Proposal development, solicitation and the vendor selection process. The Auditor's Office serves the County by offering oversight and accountability. The Community Development Agency is available to provide guidance on environmental review and required permitting. County of Nevada has experience overseeing grants and managing project implementation. Our track record demonstrates a long history of prompt, on-budget, and successful projects.

Is the proposed project identified as a priority project in your hazard mitigation plan?

Yes

More than one Community Lifeline can be selected.

What community lifeline will this project protect?

Safety and Security, Communication, Food, Water, Sheltering, Transportation, Energy (Power and Fuel)

How will this project reduce risk to community lifeline(s)?

A lifeline enables the continuous operation of critical government and business functions and is essential to human health, safety, or economic security. Lifelines are the most fundamental services in the community that, when stabilized, enable all other aspects of society to function. This project will bolster the Community Lifelines of Safety and Security by enabling law enforcement, fire personnel, and first responders better access to a home to help evacuate residents and defend a structure from wildfire. Nevada County is a rural community, and its resources are spread within the wildland urban interface. Treatment of hazardous fuels along roadways is critical not only for first responder access, but to safeguard transportation corridors so that individuals and families may safely evacuate should a wildfire strike. Increasing fuels treatment alongside roadways, where there are high levels of traffic from daily use and tourist visitation, helps reduce the risk to Food, Water, and Shelter. Mitigating the chances that an overgrown roadway will be the source of an ignition from a vehicle pulled over in high grass, a hanging chain, or a tossed cigarette safeguards agricultural lands, adjacent waterways, and peoples' homes. Often times power lines and telecommunications infrastructure run adjacent to roadways; reducing the fire threat along roadways will also protect the community lifelines of communication and energy.

How will this project improve resilience for underserved communities and vulnerable populations?

The Roadside Vegetation Management project helps improve resiliency for all Nevada County residents, including underserved communities and vulnerable populations. This grant will treat 53% of county-maintained roadway, significantly reducing the fire risk directly adjacent to the roadway. Clearing ladder fuels, brush, and overgrowth along the road is a multipronged mitigation measure that improves fire resiliency by reducing receptive fuel sources from highly trafficked corridors, improving functionality of evacuation networks, increasing accessibility for firefighting and first responders, and protecting critical community lifeline assets.

Can this project be replicated in other communities?

Yes

If yes, provide a description

This project may be replicated in any community seeking to reduce hazardous fuel loads alongside roadways and increase ingress/egress safety on main evacuation corridors.

Has CAL FIRE identified this project as a priority project?

Yes

Upload backup documentation for CAL FIRE priority project

Attach confirmation from CAL FIRE.

2019 NEU Fire Plan_optimized.pdf

Will you be able to quantitatively measure the impact the proposed project will have on current and future risk?

Yes

Eligible projects must be able to show anticipated impact on current and future risks.

Upload quantitative data showing a project's anticipated impact on current and future risks

MITRIP1CurrentFutureRisk_Quantitative Data.pdf

Has an operations and maintenance plan been established for the project?

Yes

Upload Operations and Maintenance Plan (Optional)

2018 CIP Final (1).pdf

Assuming Spring 2021 start date, what is your expected period of performance? (anticipated start date and completion date)

Assuming a Spring 2021 start date, the expected period of performance is April 2021 through March 2023.

If available, please provide a timeline of the submitted project.

Project Timeline (Optional)

Gantt Chart Roadside Vegetation Management.pdf

If project is in-progress or completed after August 21st 2019, has the project been in compliance with the Davis-Bacon Act since the start of construction?

Yes

FEMA HMGP Status

In FEMA Review