

NOI Submission ▾

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Please complete all required fields.

You can save as a draft and return later to complete by clicking "Save Draft" at the bottom of the page.

When you are ready to submit this step, please click the blue "Save" button at the bottom of the page.

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

Mendocino County – MIT-RIP – 3

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.

The County of Mendocino receives millions in State and Federal grant funding annually for a variety of projects, programs, and activities and therefore has significant experience administering grant-funded projects to ensure adequate oversight, compliance, and execution. CDBG-DR MIT-RIP projects will be directed and overseen by the County Executive Office, Facilities and Fleet Division. The Assistant Facilities Manager will be responsible for managing the project, with support from Executive Office Administrative Analysts and Finance personnel. The County also maintains contracts for on-call Project Management support via third party consultants who may be called upon to support County staff depending on workload and other active projects. The County will provide documentation of the procurement process used to engage these consultants for approval from HCD prior to utilizing consultants on CDBG-DR projects. For this project, the County Information Services Division Manager and Communications Coordinator will both provide additional support regarding equipment purchases, installation, and calibration/testing.

In addition, the County of Mendocino is a non-entitlement jurisdiction for standard CDBG funding and is familiar with the record keeping and documentation requirements for that funding source. The County routinely conducts, either in-house or via consultants, environmental review of proposed projects to ensure compliance with all applicable environmental regulations, including the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA). For this project, the County anticipates procuring a consultant to provide CEQA and NEPA analysis and the corresponding environmental documentation. All new procurement of consultants and contractors for CDBG-DR projects will be conducted in compliance with state, federal, and local procurement regulations.

What is the Project Type?

Stand-alone Infrastructure

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)

Mendocino County

Please Type Jurisdiction Name

County of Mendocino

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

Project Title

Mendocino County Emergency Communications Resilience

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

The County of Mendocino will improve reliability and resiliency of its microwave and radio communications systems through the procurement and installation of higher capacity, upgraded microwave equipment including microwave radios, waveguides, power supplies, ethernet, and routers, and the establishment of a redundant microwave communications loop by adding new microwave equipment to connect the Fort Bragg site with the Matheson Peak site to ensure County-wide connectivity and prevent widespread communications outages should one tower location be out of operation for any reason. In total, 16 sites will receive upgraded equipment during project implementation.

The scope of work will consist of conducting CEQA and NEPA analysis and drafting environmental documents for the project, soliciting a vendor for equipment and contractor for installation of equipment, followed by equipment installation. Following installation, County staff will calibrate and test the new equipment to ensure functionality.

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

Project Location Description

Various locations around Mendocino County including Ukiah, Willits, and Fort Bragg, Sanel Peak, Cahto Peak, Spanish Mountain, Cold Springs Mountain, Fish Rock Mountain, Matheson Peak, Laughlin Peak, and Mount San Hedrin. See enclosed mapping for a complete accounting of project locations.

Project City

Ukiah

Project Zip Code(s)

95482

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

Project Latitude and Longitude

39.158871, -123.214844

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

This project consists of upgrading equipment which provides radio communications and microwave data transfer for all areas of Mendocino County and additional areas in all adjacent counties including Sonoma, Lake, Glenn, Tehama, Trinity, and Humboldt. The LMI population for all Census Block Groups served by these facilities is 45.96%. This project, in ensuring redundancy and resiliency across the entire county, will yield significant benefits to LMI populations in the form of improved communications reliability for emergency medical services, fire fighters, law enforcement, and a variety of State and Federal agencies, even though the service area LMI calculation does not exceed 51%. Upgrading the facilities proposed will also increase the internet reliability, speed, and bandwidth at County-owned facilities including County libraries, which offer internet, computer access, and other services to LMI populations throughout the County. While this project is not targeted specifically at LMI populations, the benefits it yields will be significant for all County residents.

Upload document that support the LMI service area (Optional)7746.18 Microwave Equipment Service Area Maps 20201216.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 communications facilities included in this proposal serve the entirety of Mendocino County, including the MID. As such, both residents and visitors to the MID will receive benefits from this project, as it will ensure communications reliability for a variety of local, state, and federal agencies tasked with public safety, including law enforcement, emergency medical services, and firefighters.

Upload documentation that supports how the project benefits a MID area (Optional)7746.18 Microwave Equipment Service Area Maps 20201216.pdf 

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 all Census Block Groups in Mendocino County, along with five Block Groups in Lake County, nine Block Groups in Sonoma County, two Block Groups in Glenn County, two Block Groups in Tehama County, two Block Groups in Trinity County, and three Block Groups in Humboldt County. All Block Groups within the project service area are labeled on the enclosed service area mapping, and a complete accounting of those Block Groups is included as an addendum to the Service Area Map.

Service Map (Optional)

7746.18 Microwave Equipment Service Area Maps 20201216.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)**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)

\$6,000,000

Total unmet need for the project.

Project Unmet Need

\$6,000,000

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

Anticipated CDBG funding need (\$ amount)

\$6,000,000

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

No

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

Basis for Cost Estimate / CDBG Funding Need

Consultant estimate

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)**

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

No

For FEMA PA and HMGP Projects input N/A for how this is an Eligible CDBG activity.

Explain how this is an eligible CDGB activity.

This activity is an eligible CDBG Activity under 24 CFR 570.201(c), Public Facilities and Improvements. The project will upgrade and add new equipment to existing County communications facilities which allow for law enforcement, emergency medical services, and fire fighters to respond promptly to 911 calls and communicate effectively in the field and protect life and property in Mendocino County.

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

The County of Mendocino has maintained these communication facilities for decades, and the proposed project consists of upgrading and adding new equipment comparable to the equipment already installed by the County over time. While the County has yet to undertake a project involving the upgrade of this many components of the communications system at any one time, the County is familiar with the requirements for adding or modifying equipment at these facilities and is fully capable of overseeing and completing such an activity using a combination of County staff, consultants, and contractors.

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

No

More than one Community Lifeline can be selected.

What community lifeline will this project protect?

Communication

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

This project will provide a significant increase in reliability and resiliency for County communications facilities which are used by almost every local, state, and federal agency operating within Mendocino County. The equipment in many of these facilities is at its end of life and is facing increasing rates of failure and increased down-time. Due to its age, finding replacement parts for this equipment is also becoming more challenging, as many replacement parts are no longer manufactured. In addition, the capacity of these facilities to transmit data is limited compared to modern equipment due to technological advances in data transmission since the original equipment was installed. By completing this project, the entire County emergency communications system will be more reliable, as measured by reduced equipment failures, and easier to repair following any future equipment failures due to increased availability of replacement parts. This will, in turn, lead to more consistent performance, fewer maintenance hours required, and a more robust communications system during both day-to-day activities and future disaster events.

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

Ensuring reliability in County communications systems will yield significant benefits to underserved and vulnerable populations. As discussed previously, this project will increase the speed and bandwidth of internet services at various County-owned sites which also provide public internet access frequently used by underserved communities in the County. By ensuring internet access even during circumstances when other forms of communication, like cell towers, are unavailable, as occurred during the 2017 Redwood Complex Fire, underserved and vulnerable populations will be able to receive information from public officials, including direction regarding evacuations, shelter-in-place, or other behaviors needed to preserve life and property during disaster events. In addition, the improvements to the facilities will also ensure that law enforcement, emergency medical services, and fire fighting personnel can be dispatched rapidly to calls, communicate effectively in the field, and collaborate as necessary during larger events. These improvements to communications reliability will yield benefits to every community in the County.

Can this project be replicated in other communities?

Yes

If yes, provide a description

While this project does not provide a novel solution to the problems facing the Mendocino County emergency communications system, the County's plan for upgrading this system could serve as a model for other communities, especially rural communities like Mendocino County.

Has CAL FIRE identified this project as a priority project?

No

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

7746.18 Microwave Equipment Quantitative Approach 20201218.pdf 

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

Yes

Upload Operations and Maintenance Plan (Optional)

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

Assuming an April 2021 start date, the County anticipates completing the project by December 31, 2022.

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

Project Timeline (Optional)

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