

USDA Round2 Broadband Infrastructure Program

REVISED
9/16
Norma
McAdams

Project Name:

HoopaNet

Project Description:

The Hoopa Valley Tribe is applying for funding to establish a reservation-wide broadband network for the Hoopa Valley Reservation as well as a community-wide broadband network for the town of Orleans, which includes lands owned by the Karuk Tribe. These networks will include affordable wireless access for the general public, as well as higher bandwidth services to strategic institutions such as tribal offices, schools, and medical facilities for the purpose of reducing unemployment, stimulating economic growth, and enhancing educational opportunities.

Project Need and Synergies:

The Hoopa Public Computer and Economic Development Center is an important resource to leverage the broadband resources encompassed within this application into greater educational and economic benefits.

The Reservation must transition to a new economy that will support the local population and will improve access to employment, education, and quality of life. We believe the single greatest enabling resource we could provide in this area is broadband infrastructure, with the directive to leverage any implementation to have maximum effect upon education, vocational training, and facilitating economic opportunity. The Hoopa Public Computer and Economic Development Center would provide such a resource.

Another application with potentially significant impact on this application is the Redwood Telephone Northern California Open Community Fiber Network application encompassing Humboldt County, Del Norte County and nine (9) Native Sovereign Nations. This application, if funded, would provide us with connectivity rates that would be up to an order of magnitude (10 percent of current rates) better than what we now have available. This would further improve the sustainability of our last mile project.

Executive Summary:

8.a) Opportunity the proposed system seeks to address.

This Project, through the establishment and development of broadband infrastructure seeks to take advantage of an important opportunity to:

- 1.) Permanently enhance economic and educational resources in the service areas.
- 2.) Reduce dependence on impaired and declining timber revenues as primary source of economic sustenance.
- 3.) Reduce unemployment in a sustainable manner through access to previously unavailable resources outside the service areas.
- 4.) Develop small businesses in a manner that will significantly contribute to a self-sustaining local economy.
- 5.) Move a significant portion of the service area's population out of poverty-level conditions.

6.) Leverage new access to technology and education into knowledge, skills and abilities that will allow those in these rural service areas to compete with anyone within or outside of the US.

8.b) A general description of the proposed funded service area.

Proposed Service Area: The Hoopa Valley Reservation and the community of Orleans

8.c) Number of households and businesses passed.

Number of households: 1274 (Hoopa), 300 (Orleans)

Number of businesses: 117 (Hoopa), 51 (Orleans)

8.d) Number of community anchor institutions, public safety entities, and critical community organizations passed and/or involved with project.

Hoopa:

Tribal Administrative Offices, Tribal Manpower, Hoopa Youth Center, Archives/records Building, K'ima:w Medical Clinic, AmeriCorps, Forestry Building, Hoopa Human Services, Hoopa Land Management, Hoopa Tribal TANF Program, Hoopa Tribal Fisheries, Hoopa Tribal Insurance, Hoopa Valley Pre-school, Hoopa Volunteer Fire, Hoopa Valley Public Utilities District, J.M. Water Treatment Plant, JOM After-School Program, Kim Yerton Memorial Library, Hoopa Plant Management, Hoopa Roads Department, Senior Nutrition Center, Tribal Education Facility, Hoopa Wildland Firehouse, Hoopa Mini-Mart & Service Station, KIDE Radio Station, Tribal Credit/EDA, Tribal Police Substation, Tsewenaldin Inn, Hoopa Valley Housing Authority, Hoopa Aggregate, Hoopa Modular, TCCC, Hoopa Forest Industries, College of the Redwoods Branch Campus, County Sheriff's Substation, Hoopa High School, Hoopa Elementary, Hoopa Post Office, Coast Central Credit Union, Ray's Food Place, Tribal Court, Tribal Museum, Tribal Office of Emergency Services, Tribal Employment Right's Office (TERO).

Orleans:

Cal Trans, Community Computer Center, DETOX Acupuncture Clinic, Flower Child Farms, Fruitwood Farms, Humboldt Land Company, Karuk Dept. Natural Resources, Karuk Indigenous Basketweavers, Karuk Panamnik Community Center, Karuk Medical Clinic, Karuk Outreach Program, Karuk TANF Program, Karuk Tribe Senior Nutritional Health, Orleans Community Services District, Orleans Elementary School, Orleans Head Start, Orleans Post Office, Orleans Ranger District, Orleans Volunteer Fire Dept, Orleans/Somes Bar Fire Safe Council, Resource Utilization Company (RUC), William Delaney RPF.

All community anchor institutions will be provided with the CPE (customer premise equipment), antennas and installation necessary to connect to the network and receive service.

8.e) Proposed services and applications for the proposed funded service areas.

Final Mile-Wireless internet access with possible future expansion to telephone services.

Middle Mile-Hoopa-Wireless internet access with possible future expansion to telephone services with a fiber network for 15 of the primary community anchors.

Middle Mile-Orleans-Wireless internet access with possible future expansion to telephone services.

8.f) Type of broadband system that will be deployed.

Wireless

8.g) Approach to addressing the non-discrimination and interconnection obligations.

The proposed project will provide consistency with the NOFA's non-discrimination and network interconnection obligations by adoption, implementation and adherence of the following Non-Discrimination and Interconnection Policy:

Non-Discrimination and Interconnection Policy

Adhere to the principles contained in the FCC's Internet Policy Statement (FCC 05-151, adopted August 5, 2005).

