

TBCP Grant Application Overview

DEPARTMENT OF HAWAIIAN HOME LANDS

DECEMBER 15, 2021



Purpose

From the NTIA: “The purpose of the Tribal Broadband Connectivity Program is to improve the quality of life, spur economic development and commercial activity, create opportunities for remote employment and online entrepreneurship, remote learning, and telehealth by expanding broadband access and providing digital training and inclusion programs to [Native American/Alaska Native/Native Hawaiian] communities.”

Partnerships: Auamo Collaborative, AMERIND Critical Infrastructure, Council for Native Hawaiian Advancement, Department of Hawaiian Home Lands, Dynamic Community Solutions, an established broadband carrier (unknown), Friends of the Library, Hawai‘i Department of Business, Economic Development and Tourism, Hawai‘i Emergency Management Agency, Hawaii State Library, Kanaeokana, Nā Lei Na'auao Alliance for Native Hawaiian Education, Pacific Basin Telehealth Resource Center, Queen’s Healthcare Systems, The Internet Society, University of Hawaii, Workforce Development, and X-Lab.

Use and Adoption

Total Request: \$18,163,021

Six Projects

1. Broadband Equipment for Hawaiian Charter Schools
2. Pu'uhonua o Wai'anae Community Network
3. Community Networks & Broadband Mapping
4. Nānākuli Public Library Project
5. Telehealth
6. One Year of Prepaid Consumer Internet





Use and Adoption

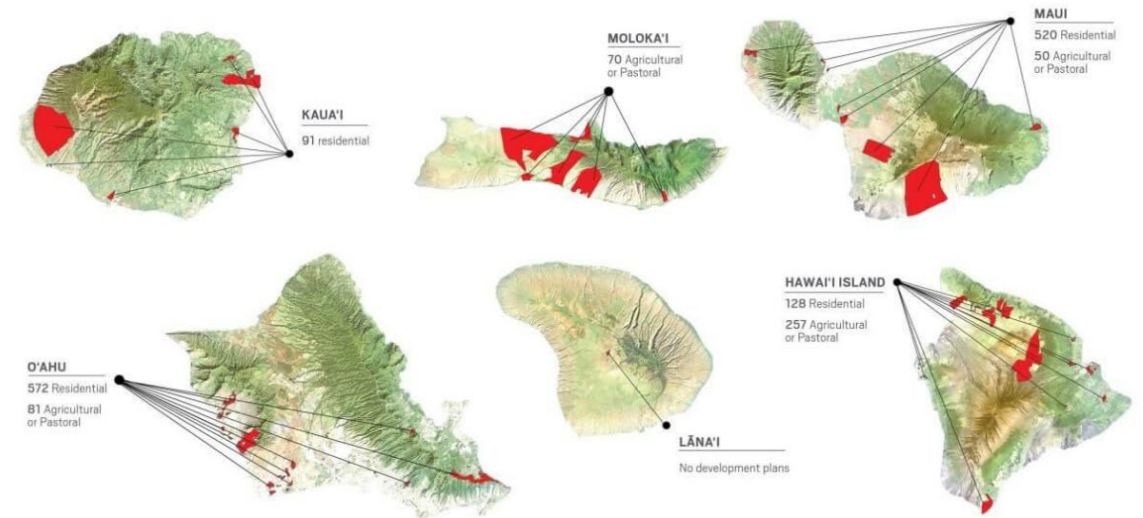
From the grant application: “DHHL is creating a playbook for future broadband collaborations between anchor institutions and Native Hawaiians. For institutions, these partnerships offer educational programs with real-world impacts; for DHHL, these collaborations offer novel and innovative ways to build Native Hawaiian-owned infrastructure, increase local training, and create educational opportunities for Native Hawaiian youth.”

Infrastructure Deployment

Total Request: \$49,614,000

Four Inter-related Architectures

- Inter-island fiber transit (complete with local Internet exchange point)
- Intra-island transit (where localized fiber assets exist)
- Inter-Home Land point-to-point wireless (when needed to interconnect remote locations where fiber is not feasible)
- Intra-Home Land point-to-multipoint wireless (where fiber-to-the-home is not feasible)



Infrastructure Deployment

From the grant application: “To accomplish our goal of expanding broadband coverage into the Hawaiian home lands, and considering the topographical, social and historical realities of the project area to be mindful during network design, deployment and expansion, a hybrid fiber-wireless network approach would provide the best ROI and fastest ramp-up from project green-lighting to connecting Native Hawaiians.”

