



**Going Mobile: Enhancing the Technological Infrastructure of Kaho‘olawe Island Reserve Commission (IMLS 5)
July 2022 – October 2024**

BACKGROUND

The proposed project will increase the organizational capacity of the KIRC through technological enhancement of the Kaho‘olawe Island Reserve Commission’s (KIRC) current hardlined servers and technical hardware to a cloud-based system that will allow staff to have both in-office and remote access. This project, which is in direct alignment with the State of Hawai‘i’s overall technology goals, will advance the stewardship of and access to the Kaho‘olawe Island Reserve’s collection of natural, environmental, cultural, historical and archaeological resources by building the organizational capacity of the Kaho‘olawe Island Reserve Commission (KIRC) to serve the local community.

DELIVERABLES

- Purchase all new hardware/equipment and software
- Installation of remote workstations and cloud-based server technologies
- Design and set-up of KIRC server file paths
- Staff training and implementation
- System checks and updates
- Pre- and post-surveys of staff usage, usability and experience

AWARD AMOUNT: \$99,042

FUNDER: IMLS Native American/Native Hawaiian Museum Services Program

HIGHLIGHTS

- Provides \$75,042 for purchase of new equipment, hardware and software
- Provides funds for internet services

FINANCIAL UPDATE

SPENT
\$70,126

BILLED
\$70,126

RECEIVED
\$35,882.17

Providing Community Access to Kaho'olawe Through Virtual Resources

PROJECT UPDATE: June 2023 – November 2023

In the last few months, Hawaii Telecom installed an RNS circuit between the KIRC's Kolu Street office and the DLNR Data Center in the Kalanimoku Building. The new LAN switch and router was purchased in August and installed in September by DLNR IT personnel. The WiFi hub was configured in November. As of end of September, the KIRC Office is on the NGN system.

We are unable to operate a fully wireless network system. DLNR IT requires that we maintain a wired system. Ethernet cables were purchased in November, so new cables will be run from the new LAN switch to the new laptops. Currently, the existing PCs and connections are still active to eliminate any down time as modifications to the original upgrade plan and kinks are being worked out. New DLNR AD login for each of the KIRC's users were created in late November. KIRC Staff has been transferring their files to their State One Drive but are encountering space limitations. We are still working with DLNR IT on public network storage and the need for KIRC to maintain Domain Controllers.