

Providing Community Access to Kaho‘olawe Through Virtual Resources



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

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FINANCIAL UPDATE

SPENT
\$74,339.05

BILLED
\$70,156.20

RECEIVED
\$70,156.20



PROJECT UPDATE: Dec 2023 – March 2024

In January 2024, a new DLNR IT POC has been assigned to assist us with this network upgrade. His firm grasp and understanding of the KIRC’s network system has resulted in a lot of progress in the last few weeks.

Our initial discussion with DLNR IT a year ago was to be on a Wi-Fi System. In September of 2023 we were informed that a total WiFi was not a viable option, and we adjusted our plan to include installation of new ethernet cables. We were informed in late January 2024 that they recently changed their IT policy so Wi-Fi is now a viable option.

Migration timeline:

- February, prep all new laptops and desktops to join the DLNR domain
- March: Run new Cat 6 ethernet cables for Wireless Access Points (WAP), printer, plotter and a few desktops
- March: Initial KIRC Public Drive File Server to DLNR Server copy
- March: Incremental KIRC User Drive File Server to DLNR Server Mar 1st end of day. This will run through the weekend.
- April 8th new File Server goes live.
- April 8-12: Users transitions from old system to new system.
- April 11 all users on DLNT domain
- April 12, end of day, all KIRC servers offline