

Request For Proposal

Project Title: Water Development Study

Date Issued: September 15, 2026

Project Overview:

The Kaho‘olawe Island Reserve Commission (KIRC) seeks to develop a comprehensive **Water Development Study** to address the island’s limited freshwater availability and deteriorating catchment infrastructure. This effort will guide future investments in sustainable water collection, storage, and management systems to support ongoing restoration and revegetation efforts on Kaho‘olawe.

Objectives:

- Assess existing water catchment and storage infrastructure on Kaho‘olawe.
- Identify opportunities for strategic rainwater collection and reservoir development appropriate to the island’s arid conditions.
- Develop a practical and cost-effective plan for upgrading or replacing the current water system.

Scope of Work / Tasks:

- 1. Site Assessment & Data Collection**
 - Conduct on-island assessments of current water catchment systems and reservoirs.
 - Evaluate rainfall patterns, watershed areas, topography, and potential collection zones.
 - Review historical water data and previous infrastructure records.
- 2. Feasibility & Design Recommendations**
 - Identify suitable sites for rain catchment improvements or new reservoir installation.
 - Recommend appropriate materials, capacities, and configurations for efficient water capture and storage.
 - Integrate climate resilience, low-maintenance design, and ecological sensitivity.
- 3. Water Development Plan**
 - Produce a written plan outlining proposed infrastructure upgrades, design concepts, estimated costs, and maintenance considerations.
 - Provide a phased implementation strategy that aligns with KIRC’s operational capacity and funding opportunities.

Deliverables:

- **Technical Report:** Summary of findings, site data, and design recommendations.
- **Water Development Plan:** Detailed plan with diagrams, cost estimates, and implementation phases.
- **Presentation:** Final briefing to KIRC staff and Commissioners.

Timeline:

Project duration not to exceed **6 months** from contract execution. Project must be complete, invoiced and paid for by May 31, 2027

Contractor Qualifications:

The selected consultant team should have demonstrated experience in:

- Strategic rainwater catchment design and implementation.
- Reservoir or large-scale water system planning in arid or remote island environments.
- Sustainable and low-impact infrastructure development.