

SPECIFICATIONS
Interim Operation of Kawaiele Pumps
at the Pacific Missile Range Facility
Kekaha, Kauai, Hawaii

This section contains the specifications required for the interim operation of Kawaiele Pumps at the Pacific Missile Range Facility, Kekaha, Kauai, Hawaii. Pump operations shall include 1) routine operations and repairs necessary to safely and continuously operate the drainage pumps and infrastructure for flood prevention, and 2) maintenance on the electrical power lines to ensure proper operation, to minimize breakdowns, and to maximize useful life. The services provided by the Bidder shall include all labor, materials, equipment, transportation, monitoring, maintenance/replacement and other incidentals necessary to accomplish the work.

Bidders are cautioned to review these specifications carefully and thoroughly. All inquiries shall be submitted via HlePRO in the Questions and Answers tab by the designated published date and time. The specifications listed herein are mandatory minimum requirements. The submittal of a bid shall be considered as acceptance of the specification contained herein.

Scope of Work

The Services to be provided by Contractor shall include, but not be limited to, the following:

A. Pump Operation:

- i. Overseeing and providing day-to-day operations of the three pumps at Kawaiele pumping station used for drainage purposes, including valves, controls, pipes, and other components of the system as necessary to lower the level of water at the wet well level to prevent flooding.
- ii. Daily visual inspection of drainage pump system facilities, specifically the three pumps and associated components and controls to the discharge point.
- iii. The Contractor shall perform routine repairs to the pumps, valves, controls, pipes, and other components of the system as necessary to keep the pump station operational.
- iv. Pumps shall be cycled at least once per week. Each pump shall run for 20 minutes minimum. If cavitation becomes excessive, the pump shall be secured.
- v. The Contractor shall maintain the pumping station at a minimum 95% operational uptime throughout the period of performance.
- vi. Safe operation shall ensure that all pumps requiring operator attendance are staffed by qualified personnel at all times of operation. ADC shall be notified immediately if unsafe conditions are discovered.
- vii. The average volume of water pumped is approximately 17 million gallons per day (MGD).
- viii. The Contractor shall shutdown, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost.

B. Electrical Power Transmission Lines:

- i. The Contractor shall provide inspection and maintenance on the electrical power lines to ensure power loss to the pump stations is minimized.
- ii. Maintenance of the power lines include pole transformers, guy wires, cross arms and insulators, and any other related items that make power transmission possible.
- iii. The Contractor shall be responsible for tree trimming to prevent branches from contacting power lines. No major repair work is required other than periodic preventive maintenance.

Contractor's Responsibilities

1. Contractor shall provide all labor, fuel, equipment, materials, supplies, supervision, and other incidentals necessary to satisfactorily perform the SPECIFICATIONS.
2. Contractor shall provide a company supervisor and on-call contact phone number (hard wire or cell phone) for ADC to report discrepancies, emergencies, on-site situations, and to verify that the pump station is operational.

ADC's Responsibilities

ADC shall provide:

1. Keys to the gate at the Kawaiele Pump Station.
2. ADC point of contact list.

Rules

1. Unauthorized individuals shall not be permitted within the perimeter of the site.
2. No unauthorized personnel shall accompany the Contractor's employees to work.
3. No possession or consumption of intoxicating beverages or illegal drugs or intoxicating quantities of un-prescribed legal drugs shall be permitted on the property.

Safety

Contractor shall adhere to all State, Federal, and local requirements related to safety on premises.

Loss or Damage to State Property

Contractor shall take proper precautions when working on-site to protect any and all structures, infrastructure and utilities. Any loss of or damage to ADC property caused by negligence of the Contractor or its employees, shall be replaced, repaired, and/or paid for by the Contractor. The Contractor shall be responsible for any type of key(s) issued and shall pay for the cost of replacing lost keys or re-keying of the locks as determined by ADC.