

Division of Aquatic Resources

REQUEST FOR QUOTES
No. RFQ-2022-01

OFFERS
FOR

Electrofishing Equipment

STATE OF HAWAII
DEPARTMENT OF LAND & NATURAL RESOURCES

WILL BE RECEIVED UP TO 2:00 PM (HST) ON

March 14, 2022

ELECTRONICALLY THROUGH THE STATE OF HAWAII ELECTRONIC
PROCUREMENT SYSTEM (HiePRO)


Laura Jackson,
DAR Procurement Officer

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

NOTICE TO OFFERORS

Specifications for Solicitation No. **RFQ-2022-01** Electrofishing Equipment are available for download on the State of Hawaii Electronic Procurement System (HlePRO). **All offers are due through electronic submittal on HlePRO by:**

Offers are due Date: March 14, 2022
Time: 2:00 PM (HST)

At the time of the Award, Offeror shall be compliant with the State Rules and Regulations through Hawaii Compliance Express (HCE), if not compliant, award shall not be issued. Offeror shall submit **Offer / Bid** as requested in following specifications, uploaded to HlePRO.

The award, if awarded, shall be subject to the availability of funds.

Should there be any question on this matter, please contact Laura Jackson or designee, email: laura.a.jackson@hawaii.gov.

Statement of Need:

The State of Hawaii, Department of Land and Natural Resources (DLNR), Division of Aquatic Resources (DAR) is seeking to purchase electrofishing equipment and components to refurbish the Division's electrofishing boat to its fully operational capacity for use in Wahiawa Public Fishing Area. Following are the project background and RFQ requirements, including the deliverables, etc.

DAR Principal Investigator: Glenn Higashi, Aquatic Biologist
glenn.r.higashi@hawaii.gov

Background and Overview:

The electrofishing boat is an important tool in the management of the fishery in the Wahiawa Public Fishing Area. In the past, we have used it to monitor the gamefish population and the introduction of unwanted fish species. In particular, red-bellied piranhas were found in Wahiawa Reservoir in 1992. The electrofishing boat was used to determine if the piranhas had spawned and become established in the reservoir.

The electrofishing boat will be used to monitor and assess the gamefish population, the success of the hatchery-stocked largemouth bass, existing introduced-invasive fish populations, and unreported introduced fish species.

Products and Deliverables:

Winning bidder/Contractor will supply:

- 1 (one) Electrofishing System control Box with Cables,
 - 1 (one) each starboard and port Boom Kits,
 - 1 (one) Interconnect Boom with 15' Cables,
 - 2 (two) Adjustable Umbrella Arrays,
 - and 1 (one) standard Array.
-
- The Electrofishing System control box is the main component of the electrical system on the electrofishing boat that manages the power and electric field produced by the generator, manipulating waveform attributes such as type, frequency, duty cycle, voltage, etc.

Output power: 7,200W continuous AC, 24,000W peak
Output voltage: 0 to 1,200VDC in 1V steps
0 to 240VAC RMS in 1V steps, 339V peak
Output frequency: 1 to 1,000z in 1Hz steps
Duty cycle: 0% to 100% in 1% steps
Output current: 80A peak max on low range
40A peak max on mid range
20A peak max on high range
40A peak max in AC mode
24A continuous at 250V
Output waveforms: DC, Pulsed DC, Burst of Pulses DC, AC

- The boom assemblies support the anode arrays which are the negative electrodes in the electrical field between the arrays and the boat.
- The anode arrays are stainless steel cables set up in a circular pattern and are suspended from each boom that puts the negative electrical charge into the water.
- The cathode arrays are a set of four 38-inch stainless steel droppers (two on the bow, one port, and one starboard side) which bolts onto the boat and that puts the positive electrical charge into the water.
- The interconnect box is necessary to safely connect 2.5 GPP, 5.0 GPP, Type VI-A, 1.5kVA, and boat electrofishers to booms.

These items are to be delivered to Glenn Higashi at the Anuenue Fisheries Research Center (AFRC), 1039 Sand Island Parkway Honolulu HI 96819 by May 16, 2022.

Offer / Bid:

Offeror shall submit Offer / Bid as requested in following specifications, and it *must* be uploaded to HlePRO. Offer/Bid Shall include:

1. Submitting organization, site office address, phone number, email contact;
2. Offer amount for each of the items in Products and Deliverables shipped to AFRC. Price shall be all-inclusive; including all taxes, fees, preparation, and shipping/delivery to AFRC.
3. Certificate of Vendor Compliance through the Hawaii Compliance Express.

Performance Schedule:

The winning RFQ contract performance period is to deliver the electrofishing materials by May 16, 2022 with a mutually agreed upon option of No Cost Extensions for 3 @ 1 month periods.

Funding and compensation:

Funding is Federal, limited, and subject to availability.

Payment Schedule:

Payment shall be made progressively upon submission of signed invoices with compliant HCE certificates, as requested and upon review and acceptance by the State.

Award:

Successful applicant shall be notified by email and work may not begin until issuance of Purchase Order (PO) Agreement and Notice to Proceed (NTP). At the time of the Award, applicant shall be compliant with the State's Rules and Regulations through the Hawaii Compliance Express. If not compliant, award shall not be issued.

Cancellation:

This Request for Quotes (RFQ) may be cancelled and any or all offers rejected in whole or in part, without liability to the State, when it is determined to be in the best interest of the State.