

Request for Information

Revised February 2024



State of Alaska
Department of Fish and Game
Division of Administrative Services

Date Issued: 3.28.2025

SURFACE TRAWL MONITORING SYSTEM - 3RD WIRE

Introduction:

The Alaska Department of Fish and Game's Salmon Ocean Ecology Program is seeking to purchase a trawl gear monitoring system (i.e., a 3rd wire system). This includes all components necessary for operating the 3rd wire system onboard an 85-foot (26-meter) trawl vessel.

Required items include, but are not limited to:

- A trawl sonar sensor (attaches to the trawl headrope)
- A monitoring receiver device
- A transducer cable and winch (with sufficient cable and a drum large enough to deploy the net approximately 150 fathoms)
- Compatible computer hardware and software
- Compatible computer monitors (note: these may be obtained separate from this request)

All equipment must be shipped to Anchorage, Alaska.

Prior to ADF&G's purchase of the 3rd wire unit, the seller will ensure via phone or email communication with ADF&G representatives that the proposed unit is compatible with State of Alaska fishing vessels.

Background Information:

Please note: This system will be used to monitor the dimensions (vertical and horizontal opening spread) of a research trawl net measuring 604 feet (184 meters) in length, with an opening approximately 79 feet deep by 98 feet wide (24 x 30 meters). The most critical readings are the vertical and horizontal spread during trawl deployment as these are used in fish catch per unit of effort calculations.

The following features or components are important for our intended use of the 3rd wire system:

- Ability to monitor, in real time, the dimensions of a midwater trawl net that has been modified to fish at the surface. Continuous measurements of wingspread (horizontal) and the distance from headrope to footrope (vertical) are essential.
- System configuration must allow the vessel captain to easily view and monitor these dimensions in real time from a computer screen located in the wheelhouse.
- The system should allow the captain to take vertical and horizontal spread measurements at any time during trawl deployment using a computer mouse or similar input device.

- The headrope-mounted sensor (deployed with the trawl net) must be rugged and durable enough to withstand repeated trawl deployments in harsh marine environments, including the Bering Sea and Gulf of Alaska.
- The transducer cable connecting the headrope sensor to the monitoring receiver must be appropriately rated for the purpose intended here. Sufficient cable must be provided to allow deployments up to 150 fathoms (~275 meters).
- The system should include a winch that can store, retrieve, and pay out at least 150 fathoms (~275 m) of transducer cable. The winch must be suitable for use in marine environments, capable of withstanding severe weather conditions, and include all necessary operational controls.
- Proprietary hardware/software required for system operation must be included. Information on compatible computer monitors may also be included.
- If available, protective cases for the equipment should be included.
- If available, we would be interested in receiving information about installation services.

Response Information:

If you believe you can provide these items, please respond to this RFI by emailing the following information to dfg.contracting@alaska.gov:

1. Confirmation that you have the requested items in stock, and a potential delivery date. If items are not in stock, please state when they will come available.
2. Confirmation if you would be willing to submit a competitive bid for these items.
3. A ballpark estimate for the requested items. This can be a low to high price range.

Procurement Officer Note: Provide instructions to vendors that if they believe they can provide the products or services, they should submit a response to the RFI by a certain deadline (make sure it's at least 10 days from the issue date of the notice), and that the response must include details such as the vendor's experience and qualifications, the products or services themselves, and why their products or services will work for the state. Make sure to list your contact information and include instructions on how to submit a response to the RFI via email or hard copy.

Please note: This RFI does not extend any rights to prospective vendors or obligate the state to conduct a solicitation or purchase any goods or services.

Procurement Officer contact information:

Interested parties must submit a written response by April 5th, 2025, at 2:00 p.m. AKST. Responses must be sent by E-mail to the addresses listed below.

All questions must be directed to the person listed below writing via email.

Department of Fish and Game

Attention: Eric Verrelli

Phone: 907-465-6178

Email: dfg.contracting@alaska.gov

Notice to Vendors:

Pursuant to [Administrative Order 352](#), (a) any person or business determined to support or participate in a boycott of the State of Israel will be disqualified from any procurement related to this Request for

Information; and (b) the support of or participation in a boycott of the State of Israel by a person or business contracting with the State of Alaska under AS 36.30 constitutes grounds for termination of the contract.

[Administrative Order 352](#) does not apply to a contract if the person or business has fewer than 10 employees; or the amount to be paid under the contract, excluding renewals and options available under the contract, is less than \$100,000.