SINGLE SOURCE DETERMINATION USING
SIMPLIFIED ACQUISITION PROCEDURES (SAP)
FOR AN ACTION NOT EXCEEDING THE SIMPLIFIED ACQUISITION THRESHOLD
(AUTHORITY: FAR 13.106-1(b)(1))

Req # 143071-26-0022

1. **Agency and contracting activity.** Department of Commerce (DOC), NOAA Fisheries Pacific Islands Fisheries Science Center (PIFSC), Protected Species Division (PSD).

2. **Description of supplies or services required to meet agency needs (including the estimated value).** The requirement is to purchase specialized EdgeTech acoustic release hardware and components to support the deployment and recovery of five acoustic recorders in the Mariana Archipelago for humpback whale monitoring.
    - Items: 5 Port MFE Push off Release Transponders, 1 PACS deck unit, and various LF Push Off Release Transponder replacement parts (batteries, end caps, and housings).
    - [redacted]
    - Delivery Schedule: September 29, 2026.

3. **Identification of the single source or the brand name to be solicited.**
    EdgeTech.
    Address: 4 Little Brook Road, West Wareham, MA 02576, USA.
    Phone: 1-508-291-0057

4. **Supporting rationale.** Only one source or brand name is reasonably available as detailed below:

    - **Compatibility to existing systems or equipment**: The required supplies must be compatible in all aspects (form, fit, and function) with existing systems or equipment, and the source is uniquely qualified to meet the requirement.

      The PIFSC has exclusively used EdgeTech acoustic releases on bottom-mounted acoustic recorder moorings since 2007, and its current mooring design and inventory are based on this brand. The requirement is to supplement this gear with an additional (5) MFE Transponders, (1) PACS deck unit, and replacement parts (batteries, end caps, and housings) for a new project.

      EdgeTech is the only acceptable source because the existing acoustic releases and PACS deck units are a proprietary, paired system. No other company's equipment can communicate with the in-house gear. Additionally, replacement parts are custom-made by EdgeTech and must exactly fit the existing hardware.

      To ensure 100% compatibility and functionality with the existing acoustic monitoring gear, the supplies must meet the following specifications:

        - Transponders: Must be the EdgeTech Port MFE Push Off Release model, featuring a mechanical drive system to ensure successful release despite biological growth or sediment buildup.
        - PACS Deck Unit: Must be manufactured by EdgeTech, compatible with both Medium Frequency (MF) and Low Frequency (LF) transducers, capable of providing acoustic

confirmation, commanding detachment of the Port MFE transponders, and include an RS-232 port.

- Replacement Parts: Must exactly match the specifications of existing EdgeTech hardware, including LF transducer end caps and LF release housings, as these custom parts are only supplied by EdgeTech.

5. Market Research.

EdgeTech is the only compatible manufacturer and seller of the required Port MFE and PACS units, which are the industry standard for this specialized acoustic monitoring application. See Market Research document for information on other products on the market.

6. Technical/Requirements Representative Certification

I certify that this requirement constitutes the Government's minimum needs and the supporting data provided herein is accurate and complete to the best of my knowledge and belief.

Ann Allen
Research Oceanographer

5/6/2026
Date

7. Determination

I hereby determine that the circumstances of this action deem only one source is reasonably available. This determination is accurate and complete to the best of my knowledge and belief.

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Stephanie Fisher
Contracting Officer

Date