



## **Request for Information**

### **Alaska Aerospace Corporation**

**Date Issued: 27 AUGUST 2025**

**Response Deadline: 26 SEPTEMBER 2025, 5:00PM AKST**

**AAC-RFI-25-004**

#### **PACIFIC TEST RANGE: DOWN RANGE TELEMETRY SOLUTIONS**

##### **Introduction:**

Alaska Aerospace Corporation (AAC) is developing a Pacific Test Range (PTR) to provide an unparalleled test range for hypersonic vehicles, orbital launch, and other advanced aerospace systems tests. PSCA's launch site at Narrow Cape, Kodiak will serve as the anchor for an approximate 1,100-mile PTR stretching westward to Adak Island. Through this RFI, AAC is seeking to identify U.S. business concerns having an interest in and capability to deliver mobile and/or fixed telemetry systems to provide telemetry data and vehicle safety throughout extended flight profiles to support the outfit and potential operation of the range.

AAC's intent is to obtain industry feedback on the proposed PTR strategy to include, but not limited to:

- 1) Equipment Solutions
- 2) Service Solutions
- 3) Potential Node Locations
- 4) Deployment Plan (Lead Times)
- 5) Regulatory and/or Geopolitical Risks
- 6) Rough Order Magnitude Pricing (Design, build, deliver and/or operate)
- 7) Contract Type/Business Venture

Responses to this notice will be considered in selecting the acquisition strategy and determining the appropriateness of contract type and/or business venture. All information contained in this notice is preliminary in nature and is subject to change. This notice is issued solely for information and planning purposes and does not constitute a Request for Proposals (RFP), Request for Quotations (RFQ), Invitation for Bids (IFB), or a commitment on the part of AAC to conduct a solicitation in the future. All information provided is strictly voluntary and no reimbursement will be made by AAC for any costs associated with providing a response to this notice or otherwise participating in market research activities. Further, the AAC offers no assurance that a solicitation will result from this notice.

Any information submitted will become the property of AAC and will not be returned. Proprietary information, if any, should be minimized and must be clearly marked.

##### **Background Information:**

The need for the Pacific Test Range is driven by capacity limitations at established ranges. The current Pacific ranges at Vandenberg SFB (VSFB), Pacific Missile Range Facility – Barking Sands (PMFR), Point Mugu Sea Range (PMSR), and Ronald Reagan Ballistic Missile Test Site on Kwajalein are at capacity, resulting in missions and tests being delayed or cancelled due a lack of range availability.

The challenge to capture down-range telemetry, in support of testing, requires ship and air-based solutions which are limited by weather, sea-states, and the time of year to ensure there is sufficient open water.

The solution is to establish a series of telemetry, tracking and command destruct systems (CDS) capabilities (nodes) along the Aleutian Island Chain that provides telemetry data and vehicle safety throughout extended flight profiles. The unique location and geography of the Aleutian Island chain allows for fixed ground sites that can support air, sea, undersea, and land-launched systems to provide maximum 24/7 test flexibility in an unconstrained environment.

Industry phased-array solutions must be electronically compatible with AAC's abilities to receive, record, display, and integrate signals and commands – both ways. AAC currently owns and operates a Range Safety & Telemetry System (RSTS) at the PCSA (node 0). Node locations currently under consideration are Sand Point, Unalaska, and Adak.

Kodiak Kenai Fiber Link (KKFL) provides fiber optic connectivity from PSCA at Narrow Cape in two physical links directly to Seward, Alaska and separately to Anchorage, Alaska via Kodiak, Homer, and Kenai. This capability has been valuable in sharing large amounts of mission critical data to off-island launch participants. GCI currently owns the KKFL with AAC owning indefeasible right-to-use capacity in the system. Currently, fiber connectivity extends down the Aleutian chain from Kodiak to Unalaska. Phase II of the Fiber improvements is complete with fiber connectivity extending back up the Aleutians to communities of Cold Bay, Sand Point, Chignik. Phase III takes Fiber connectivity up into the communities of Bristol Bay and the Yukon Delta.

**Response Information:**

Interested vendors who believe they can provide the hardware/services described above should indicate their interest by submitting an electronic response (.pdf format) with the following information:

Responses should not exceed 15 pages, and should address the following areas:

1. Summarize your company's experience with the development, testing, integration, fielding, operation, maintenance, and sustainment of launch range instrumentation, range safety and command destruct equipment, and Automated Flight Safety Systems.
2. Summarize your company's experience with delivering services to Major Range Test Facility Base (MRTFB) or its customers. Focus on any recent (within the last 5 years) or ongoing performance, best practices, and any accreditations and certifications the company and/or key personnel hold.
3. Provide a draft milestone schedule to develop, test, integrate, and certify your solution.
4. Does the company have any concerns with or recommendations regarding service options outlined based on company/industry best practices?
5. Identify any potential or current partners to execute capability.
6. Does the company have alternative node sites to recommend based on strategic location and existing infrastructure? Critical to selection are supporting ports, airfields and utilities.
7. Describe how your company would mitigate operational, regulatory, and geopolitical risk due to high launch and test operations tempo.
8. Summarize your company's approach to airspace development and implementation for air breathing test vehicles.
9. Provide Rough Order of Magnitude (ROM) cost by CY to design, build, deliver and/or operate the PTR.
10. Provide the company's perspective on the appropriate contract type or business relationship (e.g. joint venture, strategic alliance) to enable accelerated delivery of the PTR?
11. Are there any other areas the company can identify that AAC would benefit from if added or incorporated into future RFIs or RFPs?

**Procurement Officer contact information:**

Interested parties must submit a written response by **26 SEPTEMBER 2025, at 5 p.m. AKST**. Responses may be sent by E-mail to the addresses listed below. All questions must be directed to the person listed below via email.

Alaska Aerospace Corporation

Attention: Brandin Bignall

Email: Brandin.Bignall.ctr@akaerospace.com

**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.