



What Industry Should Know!

Naval Aviation North Stars *Broad Agency Announcement (BAA)*

Version 25 Oct 2023

Developed & Presented By:
Ms. Rebecca Morgan & Mr. Raymond Cannon

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What are the North Stars?

Purpose: Identify **competitive rapid prototyping and experimentation research projects** that achieve or enable the Naval Aviation North Star capabilities.

Scope: Research, development, scientific study, experimentation and prototyping in a **fully informed security environment**.

Instruments Available:

- ✓ FAR Contracts
- ✓ Non-FAR OTAs

Objectives:

1. Demonstrate integrated / interoperable and cyber-resilient performance through a brief cycle (~6-18 months) of LVC activities, may include a Naval/Joint Exercise.
2. Establish the infrastructure (including workforce) for accelerated acquisition and delivery of emergent and advanced research solutions.

Areas of Interest:

- North Stars... Key Capabilities
 - Weapons Capability & Capacity
 - Long Range Fires
 - Maritime Domain Awareness
 - C5ISR, Counter-C5ISR & Targeting
 - Unmanned Carrier Aviation, ISR, Refueling
 - Manned-Unmanned Teaming
 - Carrier Air Wing 4th/5th GEN Integration
- Naval Aviation Missions
 - Anti Submarine Warfare
 - Surface Warfare
 - Air Warfare
 - Electronic Warfare
 - Strike Warfare
 - Mobility
- Enabling Science and Engineering
 - Cyber-Resilient, Secure Communications & Networks
 - Avionics, Sensors & Electronic Warfare
 - Readiness and Sustainment
 - Systems Engineering
 - Test and Evaluation Engineering
 - Human Systems
 - Warfare Analysis

Process: navalaviationnorthstarsbaa@us.navy.mil





North Stars BAA Key Points

Title: Naval Aviation North Stars Industry BAA (Enterprise-Wide Initiative)

Announcement Tracking Number: N00019-23-S-0001; **Announced:** 31 Aug 2023 for Annual Duration

Announcement Locations: SAM.Gov, Patuxent Partnership, and NAVAIR Website (In Progress)

Requirement Owners: PEO(U&W), PEO(T), PEO(A), PEO(CS), PEO(JSF)/PMA-298/NAWC/FRC

Priority/Urgency Level: High (FLAG/SES Level Support)

Key Objectives:

- Provide a mechanism for identifying potential proposers in targeted focus areas.
- Provide flexible means of contracting once proposers, vendor value proposition, and focus area interests are known.

Government Approach with BAA: Government strategically structured for improved processing of vendor solutions to warfighter capability gaps. Only proposers with solutions of interest will be contacted to submit a full technical/cost proposal.

Phase I: White Papers

Phase II: Invite Only (Request for Proposals (RFP))

Classification Level: BAA supports both Classified and Unclassified Submittals

Contracting/Assistance Instruments: Solutions Based – Prototype OT, FAR-Based

Funding: The level of funding for individual awards has not been predetermined and will depend on the quality of white papers and availability of funds.

Government POC: Monitored Functional Inbox navalaviationnorthstarsbaa@us.navy.mil

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North Stars BAA Evaluation Criteria

1) Mission Impact - Potential Contribution and Relevance to the Navy/Government's Mission:

This criterion rates the degree to which the potential contributions of the proposed effort increases the Government's understanding of the Integrated Warfighting Capability of Naval Aviation in support of Naval Operations. This criterion includes: 1) the potential for the proposed effort to characterize an existing and defined warfighting gap that prevents Naval Aviation from achieving desired effects on the battlefield [Understanding the Problem]; 2) the potential for the proposed effort to achieve specific warfighting effects to close that gap [Understanding the Solution]; 3) the potential for the proposed effort to demonstrate how the outcome can be observed and measured [Measuring Progress/Outcome]; and 4) the potential for the proposed effort to consider any proposed intellectual property restrictions that may impact the Government's ability to transition the technology [Intellectual Property].

2) Technical Maturity - Technical Approach:

This criterion rates the degree to which the proposed technical approach is innovative, feasible, achievable, and complete in order to integrate into an LVC environment that is representative of the anticipated Naval Aviation mission conditions. The task descriptions and associated technical elements are complete and in a logical sequence, with all proposed deliverables clearly defined such that a viable attempt to achieve project goals is likely as a result of award. Pertinent Technology Readiness Level (TRL) is identified as well as major technical risks, risk mitigation efforts, and anticipated schedule.

3) Affordability - Cost:

This criterion rates the degree to which the proposed costs are realistic for the technical approach and accurately reflect the technical goals and objectives of the applicable area of interest. For Phase I, this will include the review of ROM data only. For Phase II, evaluation will ensure proposed costs are also consistent with the proposer's Statement of Work and reflect a sufficient understanding of the costs and level of effort needed to accomplish successfully the proposed technical approach. The costs for the prime proposer and proposer's subawardees are substantiated by the details provided in the full proposal (e.g., the type and number of labor hours proposed per task, the type and quantities of materials, equipment and fabrication costs, travel and any other applicable costs and the basis for the estimates).

Criteria 1, 2, and 3 are equally important.