CALL FOR SOLUTIONS

ATEC HQ 001, Autonomous Swarm Dynamics & Counter-Drone (C-UAS) Technologies

Project Number	ATEC_RIW26_001
Army Open Solicitation (AOS) Number	W9128Z-25-S-A002
Call for Solution Title	ATEC HQ 001, Autonomous Swarm Dynamics & Counter-Drone (C-UAS) Technologies
Issued By	Army Contracting Command – Aberdeen Proving Ground (ACC-APG), Division D, Branch A
Submission Instructions	To respond to this Call for Solution, please refer to Section 5.1 of this Call for Solution
*Solution Briefs Due Date/Time (Suspense)	19 August 2026 at 1500 Eastern Daylight Time (EDT)
Point of Contracts (POCs) for Phase 1 Solution Brief Submission	Contracting Officer: WHITNEY JACKSON whitney.j.jackson6.civ@army.mil Specialist: DENNIS BEAUCLAIR, JR dennis.a.beauclair3.civ@army.mil

NOTE: Please advise the cognizant Contracting Officer and Specialist as soon as possible via the emails above if your organization intends to submit a Solution Brief in response to this Call for Solution.

**Any submissions that are received by the Contracting Officer after the suspense date/time listed above will be deemed late and not evaluated. It is the sole responsibility of the company to ensure that its submission is received in the email inboxes listed above before the deadline specified.*

This Call for Solution is issued under the authority of Revolutionary Federal Acquisition Regulation Overhaul (RFO) Defense Federal Acquisition Regulation Supplement (DFARS) 212.70 – Defense Commercial Solutions Opening and may result in the Government awarding Federal Acquisition Regulation (FAR) contracts.

1. BACKGROUND.

The Army Contracting Command - Aberdeen Proving Ground (ACC-APG) Division D, on behalf of the United States Army Test and Evaluation Command (ATEC), is issuing this CfS identify sources capable of delivering commercially available, rapidly fieldable technology solutions to modernize its Test and Evaluation (T&E) enterprise. The highest-performing respondents will be invited to the inaugural ATEC Reverse Industry Week (RIW) in September 2026 at Aberdeen Proving Ground, MD (with virtual options available).

The proliferation of low-cost, coordinated, and highly autonomous Unmanned Aircraft Systems (UAS) and Unmanned Surface Vehicles (USVs) represents a major shift in modern threat environments. To validate the effectiveness of advanced defensive and interceptor platforms (such as Air & Missile Defense and C-UAS systems), ATEC requires the capability to evaluate system performance against these dynamic, multi-agent threats under realistic operational conditions, including heavily contested electromagnetic and degraded navigation environments.

2. PROBLEM STATEMENT.

To ensure high-fidelity evaluations against emerging asymmetric threats, ATEC seeks to enhance its capability to replicate and track coordinated, thinking swarms of autonomous adversaries. The objective is to establish advanced, scalable Command and Control (C2) target replication networks and multi-sensor tracking arrays. This will enable test ranges to simulate the adaptive tactics of a coordinated swarm, generate precise Time-Space-Position Information (TSPI) for high-density target environments, and objectively evaluate the intercept and defeat metrics of defensive platforms under realistic, contested conditions.

3. DESIRED SOLUTION ATTRIBUTES.

The desired solution is an integrated suite of swarm-replication software, target-control networks, and multi-sensor tracking algorithms designed to evaluate defensive weapon systems against high-density autonomous threats. The solution should deliver:

- Swarm Replication & C2: An advanced, highly scalable target command and control system capable of orchestrating and simulating the coordinated tactics of large-scale (50+ units) autonomous drone swarms.
- Passive Multi-Sensor Fusion: Advanced tracking algorithms capable of fusing passive optical and radar sensor data to reliably track low-signature swarms in GPS-denied and RF-contested environments.
- High-Density TSPI: Miniaturized, high-precision Time-Space-Position Information (TSPI) instrumentation suitable for deployment on small, low-cost target drones to capture precise intercept trajectories.

- Realistic Threat Behaviors: Software-defined threat profiles that can adapt and react dynamically to defensive actions, replacing static, predictable target paths with representative adversary tactics.

4. AWARDING INSTRUMENT

The Call will be awarded in accordance with the Army Open Solicitation procedures detailed within Solicitation W9128Z-25-S-A002, found HERE .This Call provides instructions to companies and how the Government will evaluate submissions.

CALL INSTRUCTIONS AND NOTES

5.0 Overview of Submission Phases

The response process for this Call will generally consist of the following phases:

Phase 1: Solution Brief
Companies will submit a high-level summary of their proposed solution, addressing the government's objectives and requirements.

Phase 2: Pitch (unless bypassed)
Selected companies may be invited to present and discuss their solution in a live or virtual setting.

Phase 3: Solution Proposal
Companies advancing to this phase will be invited to submit a detailed proposal for final evaluation and potential award.

Detailed submission requirements for Phase 1 are provided in Section 6. Evaluation criteria for Phase 1 are outlined in Section 7. Phase 2 and/or Phase 3 submission requirements and evaluation criteria will be provided via subsequent invitation letters.

5.1 Instructions and Notes

- Companies are reminded that all awards are subject to the availability of funds and the Government reserves the right to make multiple awards, a single award, or no award as a result of this Call.
- Only a Contracting Officer has the authority to enter into, modify, or execute a binding instrument on behalf of the United States Government. All payment obligations are subject to Congressional appropriations.
- In order to be eligible for award, companies must:
    - Possess a Unique Entity ID (UEI) and be registered in the System for Award Management (SAM) prior to award and maintain active registration throughout the period of performance.
    - Register in the prescribed government invoicing system (e.g., Wide Area Workflow).
    - Accurately represent their small business size and status as required.

    - Be determined responsible by the Contracting/Agreements Officer and not be suspended, debarred, or otherwise prohibited from receiving an award.
    - Disclose any actual or potential Organizational Conflicts of Interest (OCIs) to the Contracting/Agreements Officer prior to award.
    - Companies are responsible for monitoring SAM.gov for any amendments or updates to this Call.
- Notice to Company(s): The Government reserves the right to cancel this open Call, either before or after the closing date. If the Government cancels this open Call, the Government has no obligation to reimburse an company for any costs."
- All Solution Submissions will be valid for 180 calendar days after the submission date.
- The Government will give preference to submissions that demonstrate an innovative, existing, and reference-verifiable commercial ability to accomplish the desired solution attributes listed for each capability need.
- Resellers and academic research proposals are not desired.
- The Solution Submission must identify any intellectual property involved in the effort and associated restrictions on the Government's use of that intellectual property.
- The Government reserves the right to down-select potential awardees under this for Call for Solution during any phase.
- AI tools may be used throughout the CfS process. Any AI tools utilized by the Government will be employed in a manner consistent with applicable regulations that govern the protection of proprietary and source selection sensitive information. No proposal data will be transmitted to or processed by external, non-Government systems without appropriate safeguards and authorizations in place.
- **Questions and Responses are to be sent only to the Contracting Officer and Specialist listed in this Call for Solution.** The following shall be utilized in the email subject line Call for Solution - [Your Company Name] - ATEC_RIW26_001" (Example: Call for Solution - ABC Corp - ATEC_RIW26_001). Material questions and answers will be published and updated on www.sam.gov. The deadline to submit questions for Phase 1 is **10 August 2026 at 1500 EDT**.

6.0 SOLUTION SUBMISSION REQUIREMENTS

6.1 Phase 1 – Solution Brief

6.1.1 Phase 1 – Solution Brief Content

Solution Briefs shall not exceed six (6) written pages using 12-point Times New Roman font or, alternatively, may take the form of briefing slides not exceeding fifteen (15) slides. The Government will not consider inserted textboxes/pop-ups or internet links to additional information as part of the Solution Brief and will not consider such information in its evaluation. Solution Briefs are intended to be clear and concise.

Solution Briefs shall include the following at a minimum:

a. Title Page (does not count against page limit)

i. Company Name, Title, Date, Point of Contact Name, E-Mail Address, Phone, Address, and Call reference number. If registered in SAM.gov, include the Commercial and Government Entity (CAGE) code and Unique Entity Identification (UEI) code.
ii. Specifically identify the Call for which the Solution Brief is submitted.

b. Executive Summary (one page)

i. Provide an executive summary of the technology.

c. High-Level Technology Solution/Concept

i. Describe the unique aspects of your solution/concept and its relevance to this Call for Solution.
ii. Explain whether the solution/concept is innovative and/or a potential capability.
iii. Describe how your proposed solution/concept solves the problem statement, addresses the desired attributes listed above in section 3, and/or provides innovative technological advancements.
iv. Outline the capabilities and scalability of the solution/concept.
v. Describe the benefits of your solution/concept as it applies to this Call for Solution.
vi. Explain how the proposed technical approach is feasible, achievable, and supported by a technical team with the expertise and experience to accomplish the proposed solution/concept.
vii. Provide a proposed project schedule and total estimated out-the-door price and describe how the proposed schedule is achievable for the proposed solution/concept.
viii. Identify whether the proposed solution/concept includes a pilot or demonstration of an existing commercial technology (identified as commercially ready and viable technology), or the development of technology for potential defense application. If development or adaptation is proposed, identify a suggested path to mature the technology. Identify aspects which may be considered proprietary.

d. Company Viability

i. Provide a brief overview of the company. Include a summary of current fundraising to date or a summary of top-line (gross sales/revenues).
ii. Provide a summary of product/solution commercialization and go-to-market strategy.

f. Intellectual Property Statement/Agreement/Disclosures (does not count against page limit)

i. As needed, include a separate disclosure for each company that would be a participant in the solution/concept.

The Government may be unable to evaluate the Solution Brief if a Company fails to provide the information requested above.

6.2 Phase 2 – Pitch

Phase 2 submission requirements and evaluation criteria will be outlined in the invitation to this phase, unless bypassed.

6.3 Phase 3 – Proposal

Phase 3 submission requirements and evaluation criteria will be outlined in the invitation to this phase.

7.0 EVALUATION CRITERIA

7.1 Phase 1 – Solution Brief Basis of Evaluation

Solution briefs correctly submitted in response to the Call will be evaluated against the below criteria. The Government reserves the right to use external market research in the evaluation of a Company's viability. The Government reserves the right to not respond to solution briefs incorrectly submitted under this Call. The Government reserves the right to select all, some, or none of the solution submissions submitted in response to this Call.

The Government intends to evaluate the Solution Brief to determine which proposed solutions have the potential to best meet the Governments needs utilizing the two-part evaluation criteria below.

Solution Briefs submitted in response to this open solicitation will be evaluated using the following factors in descending order of importance are: (a) Technical Merit, (b) Schedule, and (c) Viability.

(a) **Technical Merit:** The Government will evaluate the Company's Solution Brief submission in accordance with Section 6.1.1, C, i through vi. The Government will evaluate the Company's proposed solution/concept relevance to this Call for Solution. The submitted solution will be evaluated on its innovativeness or potential capability; ability to solve the problem statement or potential innovative technological advancements; capabilities and scalability of the solution; benefits of the solution/concept; and technical approach.
(b) **Schedule.** The Government will review the Solution Brief submission in accordance with Section 6.1.1, C, vii through viii. The Government will evaluate the Company's proposed solution/concept project schedule and estimated out-the-door total cost, as well as maturity path.
(c) **Viability.** The Government will evaluate the Company's Solution Brief in accordance with Section 6.1.1, D, i and ii. The Government will evaluate the

submitted Company's overview, and if applicable, summary of product/solution commercialization and market strategy.

7.2 Phase 1 - Solution Brief Selection Process

Based on the evaluation, the Solution Brief will be categorized as Selected for Further Consideration or Not Selected for Further Consideration. The selection of one (1) or more submissions into the next Phase will be based on the criteria listed above and funding availability. Solution Briefs considered not to have (1) sufficient merit or relevance to the topic, (2) a Government need, or (3) funds are not expected to be available, the submission may be declined without further review.

Selected for Further Consideration: The submitted Solution Brief has been determined to be of technical merit, represents an achievable schedule and viable maturity pathway. As such, the Government intends to invite the Company to participate in next phase should funding be available.

Not Selected for Further Consideration: The submitted Solution Brief does not represent either the necessary degree of technical merit, technical innovation, or relevance to agency priorities to warrant further proposal effort or consideration.

The Army anticipates Topics may routinely receive more Solution Briefs than resources to award. All submissions will be fairly evaluated, however, only select Solution Briefs will be invited to Phase 2 and/or Phase 3. The government reserves the right to limit the number of Companies invited to Phase 2 and/or Phase 3. As such, a Company's solution may be evaluated to be of merit but not invited to Phase 2 and/or Phase 3. Solution Briefs that are chosen for Phase 2 and/or Phase 3 will be notified in writing as soon as practicable. The Government reserves the right to bypass Phase 2 into Phase 3 to request a formal proposal should funding be available.

5. ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

The Company shall perform an OCI analysis and submit the results of that analysis in addition to the Solution Brief submission. Specifically, the Company shall analyze the details of the Call and the implementation of their proposed Solution for actual or potential OCI situations associated with the performance of the Company, or any of the Company's proposed teammates or subcontractors, under any contract or agreement the Company or the Company's teammates or subcontractors have been or may be awarded by any federal agency or other entity. The Company shall describe in detail the methodology used to identify actual or potential OCI issues. The level of detail for OCI analysis may not be the same for all vendors. RFO FAR 9.5 may be used as guidance for OCI analysis. If no conflicts are identified, a risk mitigation plan is not required; however, a description of the analysis methodology, and an affirming statement that no conflicts are identified shall be included. This section will not count against submission page limits.

If the Company identifies any actual or potential OCIs with respect to the performance of the Company or the Company's subcontractors or teammates, the contractor shall provide an OCI Mitigation Plan to be incorporated as an attachment to any resulting contract or agreement. Any proposed avoidance or mitigation techniques shall be consistent with RFO FAR 9.5 and the most recent decisions of the Government Accountability Office (GAO) and the U.S. Court of Federal Claims.

ADDITIONAL NOTES

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