CALL FOR SOLUTIONS

ATEC HQ 005 - Expeditionary Secure Cross-Domain Modernization

Project Number	ATEC_RIW26_005
Army Open Solicitation (AOS) Number	W9128Z-25-S-A002
Call for Solution Title	ATEC HQ 005 - Expeditionary Secure Cross-Domain Modernization
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).

To support the Army's transition to Multi-Domain Operations (MDO), ATEC is pursuing a comprehensive modernization of its data sharing and interoperability capabilities. This will enhance ATEC's ability to securely and efficiently move test data across disparate security enclaves, including Unclassified, Secret, and Top-Secret networks. This initiative will provide a robust framework to support high-priority programs that require simultaneous multi-enclave testing capabilities, ensuring that ATEC can effectively validate advanced systems in a realistic, joint-force context.

2. PROBLEM STATEMENT.

To enhance its ability to conduct complex, multi-domain T&E, ATEC is seeking to integrate a reliable and accredited Cross-Domain Solution (CDS). The goal is to provide a secure, automated, and audited pathway for data to flow between Live, Virtual, and Constructive (LVC) entities, instrumentation, and sensor feeds operating across multiple security enclaves. This modernization will enable advanced multi-domain visualizations, real-time device monitoring, and complex engagement interactions. By creating a seamless and secure data-sharing environment, ATEC will be able to more effectively assess system interoperability and performance within a fully integrated, joint and coalition battlespace.

3. DESIRED SOLUTION ATTRIBUTES.

~~Desired solution is a remotely controlled, drone-based optical observation system capable of safely capturing and scoring munition impacts from within restricted SDZs. Solutions should provide:~~

Desired solution is a robust, expeditionary Cross-Domain Solution capable of securely bridging Unclassified and Secret networks, with the capacity to handle data classifications up to Top Secret (TS). The solution should provide the following attributes:

- Core Functionality: Support the secure transfer of LVC entities, instrumentation, and sensor feeds across all MDO environments. Capable of ingesting a wide array of data types, including Mission Command messaging, standard data files, intelligence signals, and tactical link data.
- Performance: System must meet stringent performance thresholds, including maintaining a telemetry latency of less than 500ms, achieving a boundary throughput of

at least 100 Mbps, and completing 10MB file transfers in under 5 seconds. It must support 300 concurrent users and 3 concurrent events, with a total setup time of under 24 hours.

- Data Integrity & Security: Ensure high data integrity (Bit Error Rate $<1x10^{-9}$) with 0% false negatives and fewer than 5% false positives, providing a secure and auditable data transfer mechanism.
- Interoperability: Designed for seamless interoperability with existing architectures, including MDOE components, data collection tools (e.g., TSPI, Silvus), and all U.S. Army Mission Command systems.
- Value-Added Features: Should incorporate advanced capabilities such as AI/ML-driven automation, predictive analytics, natural language querying, real-time animated dashboards, and collaborative tools to enhance the overall testing environment.
- Scalability & Future-Proofing: A modular domain architecture capable of horizontal scaling and data type extensibility, designed to integrate with evolving AI/ML infrastructure and support global coalition operations.
- Training & Adoption: A highly intuitive user interface, augmented by AI-powered assistance and automated workflows, to significantly reduce the workforce training burden.

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.

5. CALL INSTRUCTIONS AND NOTES

5.1 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.

5.2 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_005" (Example: Call for Solution - ABC Corp ATEC_RIW26_005). 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.

8. 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.

9.0 ADDITIONAL NOTES

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