# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

| 1. CONTRACT ID CODE | PAGE | OF | PAGES |
|---|---|---|---|
| S | 1 | | 21 |

| 2. AMENDMENT/MODIFICATION NUMBER | 3. EFFECTIVE DATE | 4. REQUISITION/PURCHASE REQUISITION NUMBER | 5. PROJECT NUMBER *(If applicable)* |
|---|---|---|---|
| 0002 | 12 MAY 2026 | | |

6. ISSUED BY CODE W911W6

W6QK AATD CONTR OFF
CONTRACTING DIV KO, BLDG 401 VICTORY BOULEVARFD
FORT EUSTIS, VA 23604-5577
UNITED STATES
DEVON WOLFE, EMAIL: DEVON.K.WOLFE2.CIV@ARMY.MIL TELEPHONE: 7578782071

7. ADMINISTERED BY *(If other than Item 6)* CODE

SCD: PAS:

8. NAME AND ADDRESS OF CONTRACTOR *(Number, street, county, State and ZIP Code)*

CODE FACILITY CODE

(X)

☒ 9A. AMENDMENT OF SOLICITATION NUMBER
W911W626RA002

9B. DATED *(SEE ITEM 11)*
05 NOV 2025

☐ 10A. MODIFICATION OF CONTRACT/ORDER NUMBER

10B. DATED *(SEE ITEM 13)*

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

***12.*** ACCOUNTING AND APPROPRIATION DATA *(If required)*

SEE SECTION G - CONTRACT ADMINISTRATION DATA

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

| CHECK ONE | |
|---|---|
| ☐ | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A. |
| ☐ | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| ☐ | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| ☐ | D. OTHER *(Specify type of modification and authority)* |

**E. IMPORTANT:** Contractor ☐ is not ☐ is required to sign this document and return _____ copies to the issuing office.

***14.*** DESCRIPTION OF AMENDMENT/MODIFICATION (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

See Schedule

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| 15A. NAME AND TITLE OF SIGNER *(Type or print)* | | 16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* | |
|---|---|---|---|
| | | LAURIE PIERCE | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA | 16C. DATE SIGNED |
| *(Signature of person authorized to sign)* | | Laurie Pierce<br>*(Signature of Contracting Officer)* | 14 MAY 2026 |

*Previous edition unusable*

**STANDARD FORM 30 (REV. 11/2016)**
Prescribed by GSA FAR (48 CFR) 53.243

# SECTION SF 30 BLOCK 14 CONTINUATION PAGE

# SUMMARY OF CHANGES

**Block 14 (Description of Amendment/Modification):**
1. The above numbered Broad Agency Announcement (BAA) is hereby amended as follows:

a. The BAA is revised throughout to clarify that Future Funding Opportunities will no longer be published as an amendment to Attachment 5. Instead, effective with the date of this amendment, all new funding opportunities issued under this BAA will be issued with a new Procurement Instrument Identifier Number (PIIN) and will reference the Master BAA PIIN.

b. Administrative updates to include Agency names and FAR/DFARS citations, where applicable to reflect changes resulting from the Revolutionary FAR Overhaul (RFO) process, are included.

c. Attachment 2, Two-Step Process is revised to clarify that new research and development Funding Opportunities will be published at SAM.gov as a Special Notice and will include a unique Procurement Instrument Identifier Number (PIIN).

d. ATTACHMENT 26-ATTACH5-C, Autonomy Technologies for Complex Advanced Teaming Operations (CATO) is revised to note the following in the Program Schedule section: The Government will begin the initial round of Summary Offer evaluations on June 4, 2026 to include all submissions received on or before that date. Future cut-off dates for subsequent evaluation rounds will be published via BAA amendment.

e. ATTACHMENT 26-ATTACH5-C, Autonomy Technologies for Complex Advanced Teaming Operations (CATO) is revised to add a Contracting Office point of contact.

## Section C - Description/Specifications/Statement of Work

## The Requirements text has been modified to:

This Announcement is a BAA issued under Revolutionary FAR Overhaul (RFO) 35.102, Defense FAR Supplement (DFARS) 235.016, and Title 2 of the Code of Federal Regulations (C.F.R) (S) 200.204.

## Section J - List of Attachments

## The attachments table has changed from:

| Identifier | Document Name | Document Description | Reference Identifier | Date | Line Item | Page Numbers | Document Type | Provided Under Separate Cover |
|---|---|---|---|---|---|---|---|---|
| 0001 | ATTACHMENT 1 - One-Step Process | BAA One-Step Process | | 05 Nov 2025 | | | Attachment | No |
| 0002 | ATTACHMENT 2 - Two Step Process | BAA Two Step Process | | 05 Nov 2025 | | | Attachment | No |
| 0003 | ATTACHMENT 3 - Proposal Instructions | Proposal Instructions | | 05 Nov 2025 | | | Attachment | No |
| 0004 | ATTACHMENT 4 - AR Risk Assessment Program | Army Research Risk Assessment Program (ARRP) | | 05 Nov 2025 | | | Attachment | No |
| 0005 | BAA Attachment 5 Autonomy Technologies published 20 Apr 26 | Project Descriptions _ Topics of Interest | | 20 Apr 2026 | | | Attachment | Yes |

## To:

| Identifier | Document Name | Document Description | Reference Identifier | Date | Line Item | Page Numbers | Document Type | Provided Under Separate Cover |
|---|---|---|---|---|---|---|---|---|
| 0001 | ATTACHMENT 1 - One-Step Process | BAA One-Step Process | | 05 Nov 2025 | | | Attachment | No |
| 0002 | ATTACHMENT 2 - Two-Step Process | BAA Two Step Process | | 12 May 2026 | | | Attachment | No |
| 0003 | ATTACHMENT 3 - Proposal Instructions | Proposal Instructions | | 05 Nov 2025 | | | Attachment | No |
| 0004 | ATTACHMENT 4 - AR Risk Assessment | Army Research Risk Assessment Program (ARRP) | | 05 Nov 2025 | | | Attachment | No |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Program | | | | | | | |
| 0005 | ATTACHMENT 5 - 26-ATTACH5-C CATO | Project Descriptions _ Topics of Interest | | 13 May 2026 | | | Attachment | No |

## The following contract documents were added:

ATTACHMENT 2 - Two-Step Process
ATTACHMENT 5 - 26-ATTACH5-C CATO

## The following contract documents were deleted:

ATTACHMENT 2 - Two Step Process
BAA Attachment 5 Autonomy Technologies published 20 Apr 26

## The following contract documents Page Counts were changed:

| DOCUMENT PAGE COUNTS | | |
|---|---|---|
| DOCUMENT NAME | FROM | TO |
| ATTACHMENT 2 - Two-Step Process | | none |
| ATTACHMENT 5 - 26-ATTACH5-C CATO | | none |

## The following contract documents Provided Under Separate Cover were changed:

| PROVIDED UNDER SEPARATE COVER | | |
|---|---|---|
| DOCUMENT NAME | FROM | TO |
| ATTACHMENT 5 - 26-ATTACH5-C CATO | Yes | No |

## Section L - Instructions, Conditions, & Notices to Offerors or Quoters

## Miscellaneous text in this section has been modified to:

Broad Agency Announcement (BAA) / Notice of Funding Opportunity (NOFO)

for

Aviation and Missile Research and Development (AMRD)

## I. Basic Information

A. **Federal Agency Name**.

1. Issuing Agency: Army Contracting Command - Redstone Arsenal (ACC-RSA), Maneuver Air Directorate, Fort Eustis, VA 23604-5577

2. Requiring Agency: U.S. Army Transformation and Training Command (T2COM), Combat Capabilities Development Command (DEVCOM) Aviation & Missile Center (AvMC), Technology Development Directorate (TDD)

B. **Funding Opportunity Title**.

Aviation and Missile Research and Development (AMRD). For opportunities using the One-Step Solicitation process, ACC-RSA will publish a Call as a Special Notice providing a unique identification number and project title and will reference this Broad Agency Announcement (BAA) Notice of Funding Opportunity (NOFO). For opportunities utilizing the Two-Step process, ACC-RSA will publish a Funding Opportunity as a Special Notice providing a unique procurement identification number and project title and will reference this BAA/NOFO.

C. **Announcement Type**.

This Announcement is a combined BAA/NOFO issued under Federal Acquisition Regulation (FAR) RFO 35.102, Defense FAR Supplement (DFARS) 235.016, and Title 2 of the Code of Federal Regulations (C.F.R) (S) 200.204 (henceforth referred to as the "BAA" or "Master BAA").

During the effective period of this BAA, the Government may issue Calls (One-Step process) and/or Funding Opportunities (two-step process) and provide specific project details. All Calls and Funding Opportunities will be published at https://www.SAM.gov and https://www.grants.gov and will reference this BAA. Interested parties are encouraged to periodically check SAM.gov and Grants.gov for amendments to the BAA and for Special Notices containing individual Call and Funding Opportunity details.

**Funding Opportunity Number**.

As stated within each Funding Opportunity or Call published.

**D. Assistance Listing Number(s) (ALN).**

1. The assistance listing numbers (found at https://sam.gov/content/assistance-listings) applicable to this BAA include:

12.431 - Basic Scientific Research

12.630 - Basic, Applied, and Advanced Research in Science and Engineering

2. The North American Industry Classification System (NAICS) Code anticipated to be applicable to FAR-based instruments awarded as a result of this BAA is 541715, Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology).

**F. Funding Details.**

The Call or Funding Opportunity published will identify the total amount of funding, number of anticipated awards, and range of expected individual award funding amounts**. This BAA is an expression of interest only and does not commit the Government to pay proposal or any other costs incurred from providing a response.**

Note: Any estimated funding amounts are not a promise of assured funding in that amount. Funding is uncertain and subject to change based upon Government discretion or fiscal constraints.

**G. Key Dates.**

This BAA is effective for a period of five years beginning on the date published (July 3, 2025) in SAM.gov. BAA Calls and/or NOFOs may be issued at any time during the BAA effective period.

**H. Executive Summary.**

The purpose of this BAA is to solicit research concept papers and proposals and/or proposals from eligible applicants for funding consideration.

This BAA is intended to fulfill requirements for scientific study and experimentation directed toward advancing state-of-the-art technologies and/or increasing knowledge and understanding as a means of eliminating current technology barriers. This BAA identifies TDD research/exploratory development areas of interest and provides prospective applicant's information on the preparation of responses and evaluation factors.

When TDD requires a solution to a specific capability gap, ACC-RSA will either publish: (1) a Call requesting proposals; or (2) a Funding Opportunity requesting concept papers. The detailed procedures are described in attachments to this BAA (Attachment 1 "One-Step Process - Full Proposals" and Attachment 2 "Two-Step Process - Concept Papers").

The following are a list of key terms used in this BAA:

"Applicant" refers to the submitter of a concept paper or a proposal. The term "offeror" may be used interchangeably with "applicant".

"Concept paper" refers to an initial submission (five pages or less) in response to one of the published funding opportunities that solicits concept papers to address an Agency technology challenge.

"Submission" includes concept papers and proposals.

### I. Agency Contact Information.

Applicable points of contact will be provided in each Call and/or Funding Opportunity.

## II. Eligibility

### A. Eligible Applicants.

This BAA does not restrict competition. This BAA is open to all responsible sources. Applicants may include single entities or teams from industry and academia.

1. List of Eligible Entity Types. Dependent upon the award instrument type, eligible applicants include institutions of higher education, nonprofit organizations, state and local governments, and for-profit organizations (i.e., large and small businesses).

2. Any Additional Restrictions on Eligibility Beyond the Type of Entity. Participation is limited to U.S. Firms as Prime Contractors; however, foreign owned entities can participate as subcontractors/recipients to U.S. prime contractors /recipient. The U.S. prime entity retains responsibility for compliance with U.S. export controls. Countries included in the U.S. State Department List of Countries that support Terrorism are excluded from participation. Interested entities must address export compliance of any foreign participants in its cost volume.

3. Eligibility Factors for the Principal Investigator (PI) or Project Director.

a. At a minimum, for other than basic research, the PI must be a U.S. Person.

b. Educational institutions offering fundamental research and that are selected for funding, will be subject to an Army Research Risk Assessment in accordance with Attachment 4. The Principal Investigator (PI) will be required to undergo a risk based security review and disclose all R&D projects currently under consideration from whatever source, and all ongoing projects, irrespective of whether support is provided through the proposing organization, another organization, or directly to the individual, and regardless of whether the support is direct monetary contribution or in-kind contribution (e.g., office/laboratory space, equipment, supplies, or employees) on which he/she is participating. The PI will be vetted in accordance with National Security Presidential Memorandum-33 (NSPM-33) requirements with implementation of Sec. 223 of the National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2021 and Section 117 of the Higher Education Act (HEA) of 1965, as amended.

4. Criteria that would Make any Particular Projects Ineligible: To be addressed in each Call or Funding Opportunity as applicable.

5. Any Funding Restriction Elsewhere in the NOFO. Some individual projects may have funding restrictions associated with them.

6. References/Links to Other Factors that would Disqualify a Submission.

a. SAM Registration and Unique Entity Identifier (UEI) requirements are applicable to all instruments. See Section V. paragraph A., subparagraph 1. for the SAM registration and UEI requirements. Failure to comply will disqualify a submission.

b. Risk Review is applicable to all instruments. Applicants selected for award who have been determined by the Government to be non-responsible, debarred, suspended, or otherwise unqualified are ineligible for award. See Section VII.D.

c. In accordance with statutory requirements of 10 U.S.C. 4021 any proposed research cannot duplicate research being done for another part of DoD.

7. Limit on the Number of Applications. The Government does not intend to limit the number of submissions allowed by an applicant.

**B. Cost Sharing.**

1. Required cost sharing. Some award instruments available through this BAA will require cost sharing. In the event that cost sharing is required, not committing to the required cost sharing will make the submission ineligible.

2. Cost Share Calculation. Cost sharing is defined as that portion of project costs not paid by Federal funds or contributions (unless authorized by Federal statute). The term includes matching, which refers to required levels of cost share that must be provided. See 10 U.S. Code (S)(S) 4021 and 4022, 2 C.F.R. (S) 200.306, 32 CFR (S)(S) 34.13 37.215, DoD Other Transactions Guide, and DoD Guide to Research Other Transactions.

3. Cost Share Restrictions. The applicant's accounting system must be adequate for determining costs applicable to the funding instrument. Control systems must be adequate to ensure that costs charged to Federal funds and those counted as the recipient's cost share or match are consistent with requirements for cost reasonableness, allowability, and allocability in the applicable cost principles and in the terms and conditions of the award. Appropriate Government surveillance during performance will provide reasonable assurance that efficient methods and cost controls are used.

4. Cost Share Commitment. When cost share is required, submissions must include verifiable commitments to meet the award instrument specific cost-sharing requirements. Cost sharing requirements vary by award instrument type. Applicants are responsible for investigating and committing to the appropriate portions of the proposed cost based on the proposed award instrument.

## III. Program Description.

**A. General Purpose.**

The mission of the TDD comprises critical technology discovery and development programs, to include the development, maturation, demonstration and transition of critical technologies and products through technology

programs and customer support for Future Vertical Lift (FVL), Air and Missile Defense, and Long-Range Precision Fires. Specifically, the mission of FVL programs is to modernize, maintain and sustain Army Aviation as the dominant land force aviation component in the world. The missions of the Missile Defense and Long-Range Precision Fires programs are to modernize, maintain and sustain Army Missile Technologies as a dominant component of the land force's precision strike, close combat, and air defense capabilities. This mission comprises critical technology discovery and development programs, to include Long-Range Precision Fires (LRPF) and hypersonic missiles, advanced launchers for Fires and Air Defense, close combat systems, and air defense systems including missiles, radars and fire control/mission planning, and also counter-Unmanned Aerial Systems (UAS) capabilities, that enable the Army to counter and defeat increasingly sophisticated threats in multi-domain operations. TDD accomplishes its mission by:

- Providing DEVCOM Aviation & Missile Center with resources and capabilities to support

- Army future Research and Development (R&D) Portfolio requirements

- Research and Development requirements from other customers

- Transitioning technology, products, and capabilities to customers as well as other organizations in the Center

- Enhancing complementary and integrated capabilities in areas of research and development, integration, prototyping, test, administration with other organizations

- Enhances Technology development and engineering activities to better meet the needs of the Warfighter

- Coordinating and collaborating on S&T efforts with Air Force, Navy, FAA, NASA, DARPA and other Government organizations

- Leading and participating in technology consortiums and programs for the advancement and sharing of technology

**B. Funding Priorities or Focus Areas.**

The following Technical Topic Areas (TTAs) are representative only. They are provided to help interested applicants understand the classes of needs and their potential scope:

- Design & Assessment

- Intelligent Teaming & Autonomy

- Avionics & Networks

- Open Architecture

- Launched Effects

- Power Generation & Management

- Drives, Structures & Rotors
- Human Systems Interface
- Survivability & Vulnerability
- Vehicle Management & Control
- Experimental/Computational Aeromechanics
- Acoustics
- Missile Seekers, Guidance, Navigation & Control
- Missile Materials & Structures
- Missile Propulsion, Warhead Integration & Fuzing
- Air Defense Sensors (Seekers & Radar) & Fire Control

**C. Program Goals and Objectives.**

To support TDD's mission in paragraph A and to meet the Government's needs in the topic areas listed in paragraph B of this section, when both a specific capability need is identified and funding is available, either a BAA Call and/or a Funding Opportunity will be published. The specific topics, goal and objectives will be outlined specifically in the BAA Call and/or Funding Opportunity. TDD may also consider concept papers and/or proposals that may not directly align to the topics published but can demonstrate a strong alignment to TDD's focus areas.

**D. Description of Award Contribution to Program's Goals and Objectives.**

These specific topics should be viewed as suggestive, rather than limiting. TDD is always interested in considering other innovative research concepts of relevance to the Army if those concepts align with its mission. Calls and/or Funding Opporutnities will seek proposals and/or concept papers for scientific study and experimentation directed toward advancing the state-of-the-art or increasing knowledge or understanding for basic and applied research and that part of development not related to the maturation of a specific system or hardware procurement. Submissions related to the development of a specific system or to satisfy specific hardware/software requirements are not appropriate.

**E. Performance Goals, Indicators, Targets, Baseline Data, Data Collection, and Other Outcomes.**

When appropriate, performance goals, indicators, targets, baseline data, data collection, and other outcomes will be included in the BAA Call and/or Funding Opportunity.

**F. Substantial Involvement of the Federal Agency (Cooperative Agreements).**

Involvement of the Federal Agency will be predicated on and correspond to the statutes and regulatory guidance governing the funding instrument chosen. Subsection I includes a discussion of each funding instrument. Government involvement in the form of furnished information, equipment or other property will be negotiated on a case-by-case basis and as appropriate to the effort.

**G. Program Specific Unallowable Costs.**

The Government will not directly or indirectly reimburse unallowable costs as determined in accordance with applicable Federal statutes, regulations, the provisions of this part, or the terms and conditions of the Federal award.

**H. Eligibility Criteria for Beneficiaries or Program Participants Other Than Federal Award Recipients.**

This is not applicable to this BAA.

**I. Citations for Authorizing Statutes and Regulations for the funding opportunity.**

There are a variety of funding instruments available for award depending upon the effort proposed, the entity submitting responses, and statutory and regulatory requirements. The Army may choose to limit the award instrument to a specific type. Applicants should familiarize themselves with the various instrument types and the applicable regulations prior to submitting responses.

1. This BAA utilizes full and open competitive procedures in accordance with 10 United States Code (U.S.C.) (S) 3012(2)), using the competitive selection process in the selection of science and technology (S&T) proposals as implemented by the following:

**a. DFARS 206.102(d) and 206.102-70 for FAR based instruments**

**b. Merit-based, competitive procedures provided in 32 C.F.R. (S) 22.315 for the award of assistance instruments governed by the DoD Grants and Agreement Regulations (DoDGARs).**

**c. Other Transactions as authorized by 10 U.S.C. (S) 4021, transactions for basic, applied, and advanced research, and (S) 4022, transactions for prototype projects, as provided in the Office of the Under Secretary of Defense for Research and Engineering Guide to Research Other Transactions Under 10 U.S.C. 4021 and Office of the Under Secretary of Defense for Acquisition and Sustainment Other Transaction Guide (version 2.0 dated July 2023 or most recent version).**

2. Statutes and Regulations that apply to the award instruments that may be awarded as a result of submission to this notice are as follows:

a. Assistance Instruments. The applicable regulations governing assistance instruments include 2 CFR Part 200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards," as implemented by 2 CFR Chapter XI, Subchapter A and the DoD Grants and Agreements Regulations (DoDGARs). The assistance instruments include grants, cooperative agreements, and Technology Investment Agreements (awarded as a cooperative agreement under 32 CFR (S) 37), as described below:

(1) Cooperative agreements: 31 U.S.C. (S) 6305, 15 U.S.C. (S) 3710a, 2 CFR (S) 1128.325, 32 CFR Parts 21, 22, 26, 28 and 34. Please refer to the DoD Grants and Agreements Regulations at https://www.ecfr.gov/current/title-32/subtitle-A/chapter-I/subchapter-C.

(2) Technology Investment Agreements (TIAs) (awarded as a cooperative agreement): 31 U.S.C. (S) 6305, 15 U.S.C. (S) 3710a, 2 CFR (S) 1128.325 and 32 CFR Parts 21, 22, 26, 28 and 37. Please refer to the DoD Grants and Agreements Regulations at https://www.ecfr.gov/current/title-32/subtitle-A/chapter-I/subchapter-C.

(3) Grants: 31 U.S.C. (S) 6304 and 2 CFR (S) 1128.325 and 32 CFR Parts 21, 22, 26, 28 and 34 Please refer to the DoD Grants and Agreements Regulations at https://www.ecfr.gov/current/title-32/subtitle-A/chapter-I/subchapter-C.

b. Other Transaction (OT) Agreements for Prototype Projects (OTAPs): 10 U.S. Code (S) 4022. Please refer to the Office of the Under Secretary of Defense for Acquisition and Sustainment Other Transaction Guide (version 2.0 dated July 2023 or most recent version) for additional information at https://www.acq.osd.mil/asda/dpc/cp/policy/other-policy-areas.html

c. OT Agreements for Research (OTARs): 10 U.S. Code (S) 4021. Please refer to the Office of the Under Secretary of Defense for Acquisition and Sustainment Other Transaction Guide (version 2.0 dated July 2023 or most recent version) for additional information at https://www.acq.osd.mil/asda/dpc/cp/policy/other-policy-areas.html.

d. FAR-Based Instruments (Procurement Contracts): 31 U.S. Code (S) 6303, 48 CFR Parts 1 through 53 (specifically parts 6, 16, 35 and 42), and its DoD and Army Supplements. Please refer to the FAR, DFARS, and AFARS at www.acquisition.gov.

## IV. Application Contents and Format.

### A. Content and Format Requirements.

1. Pre-applications and letters of intent are not of value to the Government for the anticipated selections.

2. The application as a whole: Applicant submissions should reflect the Applicant's/Offeror's understanding of the requirement. It should contain enough detail to inform the Government in its selection process. Advertisement of past accomplishments are not of value to the Government unless the proposed solution is directly related to it. The submissions should be clear and concise.

3. Component pieces of the application. See Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers". Attachment 3 "Proposal Instructions" contains the proposal instructions common between the One-Step and Two-Step Process.

4. Information that successful applicants must submit after notification of intent to make a Federal award but prior to a Federal award. Prior to award, successful entities will be expected to provide requisite evidence of compliance, certifications and other information to comply with the statutes and regulations applicable to the award instrument type.

**- Other Requirements.**

1. Page number limitations for submissions: One-Step Process (see Attachment 1) and Two-Step Process (see Attachment 2).

2. Formatting requirements. All submissions will adhere to the following format requirements:

- Font style and size. Arial font style is preferred; however, Times New Roman style will be accepted. Font size will be no smaller than 10-pitch.

- Spacing. Single/normal spacing

- Margins. No less than one-inch margins

- Paper size. 8.5-by-11-inch paper will be considered one page. For page count purposes, larger pages will be considered more than one-page.

- Color limitations. None

3 . File Naming, File Size Limitations, or File Format.

a. File Size Limitations. All submissions will be electronic files and not exceed 10 MB.

b. File Format. All submissions shall be in portable document format (PDF) unless otherwise noted in proposal instructions (Attachment 3). All electronic proposal submissions shall be MS 365 compatible or Adobe Acrobat Pro Document Cloud (DC) and virus free. Do not provide self-extracting archive files (e.g., zip files). Macros, movies, or sound files shall not be used in any part of the submissions. If files contain links, the links must be intact and maintained through all revisions. Files shall not be read/write/password protected (i.e., must be unlocked, non-password protected, and/or unprotected). Perform a virus check before submitting. If a virus is detected, it may cause rejection of the file.

4. Paper Submissions. Paper/hardcopy submissions will not be accepted.

5. Submission Sequence. Submission sequences are included in Attachment 1 "One-Step Process - Full Proposals" and Attachment 2 "Two-Step Process - Concept Papers" to this BAA.

6. Signature requirements. The Official Transmittal Letter is an official transmittal letter with authorizing official signature. Additionally, the signature and title of an authorized representative of the entity will be on the cover page of both volumes of submitted proposals. If multiple organizations are participating, one signature from the principal /leading organization is acceptable.

7. Third-Party Information. Any requirements for third-party information such as references, letters of support, or letters of commitment to the project or to contribute to cost sharing will be included in the BAA Call and/or Funding Opportunity if applicable.

8. Support of eligibility Determination. If applicable, the requisite documentation to support eligibility determination required by the Government will be included in the BAA Call and/or Funding Opportunity as applicable.

9. Narrative Instructions. Instructions needed to develop the narrative portions of the submissions are included in other portions of this BAA. Any additional requirements for its order, format, or required headings will be included in the BAA Call and/or Funding Opportunity as applicable.

10. Proprietary Information Identification. Submissions in response to this BAA will not be returned to the applicant. It is the policy of the Government to treat all proposals as sensitive, competitive information and to mark and disclose their contents only for the purposes of evaluation. It is the intent of the Army to treat all submittals as procurement sensitive and to disclose their contents with a Government evaluation panel for the purpose of evaluation. Additionally, the Government may use select non-Government contracted support/personnel to assist in the evaluation and administrative handling of responses. These persons are bound by appropriate non-disclosure agreements and organizational conflict of interest statements regarding proprietary and source selection information. Non-Government advisers are limited to providing technical advice to the Government and are prohibited from making recommendations for selection. Submissions under this BAA constitute the applicant's acknowledgement and consent to use of non-Government personnel during the evaluation process. Applicants are expected to appropriately mark proprietary and /or export-controlled information contained in their submissions.

## V. Submission Requirements and Deadlines.

### A. Address to Request Application Package.

In addition to this BAA and its attachments, BAA Calls and/or any requests for proposal will contain any specific information required to be provided with submissions to include, but are not limited to, the following:

- Instructions on how to access supplemental information, if applicable.

- An email address and telephone number of the cognizant Contracting Office POC

- Emailed and Mailed submissions will not be accepted.

### B. Unique Entity Identifier (UEI) and System for Award Management (SAM.gov).

1. Each applicant/Offeror submitting a response under this BAA (unless the applicant is exempt from those requirements under 2 CFR 25.110(c)) or has an exemption approved by the Federal awarding agency under 2 CFR 25.110(d)) (applicable to assistance instruments) or is exempt from requirements under RFO 4.203-1 for FAR-based instruments) is required to:

a. Provide a valid UEI in its submission. The accuracy of the UEI in SAM at https://www.sam.gov should be verified before any submission.

b. Be registered in SAM prior to submitting its submission; and

c. Maintain an active SAM registration with current information at all times during which it has an active Federal award or application under consideration by a Federal awarding agency.

2. The Federal awarding agency may not make a Federal award to an applicant until the applicant has complied with all applicable UEI and SAM requirements. If an applicant has not fully complied with the requirements by the time

the Federal awarding agency is ready to make a Federal award, the Federal awarding agency may determine that the applicant is not qualified to receive a Federal award and use that determination as a basis for making a Federal award to another applicant.

### C. Submission Instructions.

For projects using the Two-Step process, once the Government publishes the Funding Opportunity, interested offerors can submit concept papers. Calls will include submission instructions within the Call.

### D. Submission Dates and Times.

Submission dates and times will be provided in the Call and/or Funding Opportunity as applicable. Concept papers or proposals received after the specified due date and time shall be governed by the provisions of FAR 52.215-1(c)(3).

### E. Intergovernmental Review.

This is not applicable. This BAA is excluded from coverage under Executive Order (E.O.) 12372, "Intergovernmental Review of Federal Programs."

## VI. Submission Review Information.

### A. Responsiveness Review.

1. The Government Contracting Office will review submissions before forwarding submissions to the requiring activity. If a submission is disqualified based on the factors in subsection 2 below, that submission will not be forwarded to the requiring activity for consideration. Submissions not adhering to the page length limitations will be truncated to remove the pages beyond the required page length before they are sent for evaluation. The submitting entity will be notified of either occurrence.

2. Disqualifying factors include:

a. Submissions not signed by a cognizant and responsible person.

b. Submission not adhering to the instructions in this BAA, its attachments and the BAA Call or Funding Opportunity.

### B. Review Criteria.

The Government will not evaluate concept papers or proposals against each other because applicants will not submit these in accordance with a common work statement. Additionally, the Government reserves the right to select for award any, all, or part of a proposal received. When using the two-step process, the Government request for a full proposal does not imply the Government has made a final funding decision. The Government reserves the right to award to a lower rated proposal based upon consideration of balancing research and development investment across the overall Government research and development projects portfolio.

1. Each criterion and description of those criteria that will be used to evaluate submissions are included in Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers" to this BAA. These criteria may be altered and/or sub-criterion may be added to better suit a particular requirement.

2. Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers" include the order of importance applied to the criteria for proposal and concept paper submissions respectively. Although it is not likely, the order of importance may be altered to better suit a requirement.

3. Unless specified in the BAA Call and/or Funding Opportunity, there are no additional statutory, regulatory, or other preferences that will affect the results of the evaluation.

4. Other than the requisite cost sharing explained in Section II, Paragraph B that will affect the eligibility of a submission based on the award instrument, cost sharing will not be considered in the evaluation.

5. Applicants will not be permitted to nominate reviewers of their applications. The Government will not disclose the reviewer information. However, the reviewers will be required to document any potential conflict of interest.

**C. Scientific Peer Review and Selection Process.**

1. Government evaluation and selection will be conducted by Peer or Scientific Review as discussed in RFO 35.102 (d) and RFO 6.101(b)(3).

2. A brief description of the merit review process is provided in Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers" and includes how merit review outcomes will be used in final decision-making.

**D. Risk Review/Rating.**

1. The Government is required to review and consider performance and integrity information about the Applicant that is in SAM.gov prior to making an award that exceeds the simplified acquisition threshold (currently $250,000) over the period of performance. This risk review is required by 31 U.S.C. 3321 and 41 U.S.C. 2313 and includes both public and non-public information. For assistance instruments, an Applicant must meet the standards at 32 CFR 22.415 to be qualified and responsible, which includes: 1) management capability and adequate financial and technical resources to execute the program of activities envisioned under the instrument; 2) satisfactory record of executing such programs or activities (if a prior recipient of an award); 3) satisfactory record of integrity and business ethics; and 4) be otherwise qualified and eligible under applicable laws and regulations. Similarly, Applicants for FAR-based instruments must be determined responsible and qualified based on the requirements in FAR Subpart 9.1, Responsible Prospective Contractors, which has similar requirements.

2. Because the anticipated awards are expected to exceed the simplified acquisition threshold during the period of performance, the Government will assess the applicants' integrity, business ethics, and record of performance under Federal awards when completing the review of risk posed by applicants as described in 2 CFR (S) 200.205 for assistance instruments and FAR 9.104-6 for contracts. Therefore, the following applies:

c. In accordance with 41 U.S.C. 2313, Database for Federal agency contract and grant officers and suspension and debarment officials, the Government will review and consider any information about applicants that is in the responsibility/qualification records available in SAM.gov

d. Applicants may review and comment on any information about themselves that a federal awarding agency previously entered in the designated integrity and performance systems accessible through SAM.gov.

e. Applicants are requested to provide information with its submission to assist the Contracting, Grants or Agreements Officer's evaluation of responsibility. The Government will consider any comments by the applicant, in addition to the other information in SAM.gov, in making a final determination.

## VII. **Award Notices**.

### A. Selection Notifications.

**Selection notifications will be issued as described in Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers". These notifications will be separate notices to inform offerors of selection status and may provide instructions for further consideration. Receipt of such notification is not an authorization to begin performance. The Federal award is the authorizing document.**

### B Pre-Award Costs.

Unless otherwise stated, pre-award costs are not allowable. No entitlement to payment of direct or indirect costs or charges by the Government will arise as a result of submission of responses to the BAA and the Government's use of such information.

### C. Notice of Federal award.

The Federal award/funding instrument signed by the Contracting, Grants or Agreements Officer, as appropriate, is the official document that obligates funds and will be provided by electronic means to the Offeror business POC listed on the cover page of the proposal.

### D. Notifications to Unsuccessful Applicants.

Notifications to unsuccessful applicants will be done in accordance with Attachments 1 "One-Step Process - Full Proposals" and 2 "Two-Step Process - Concept Papers" to this BAA.

## VIII. **Post Award Requirements and Administration**.

### A. Administrative and National Policy Requirements.

1. Contract Awards. Contract awards will be governed by the applicable FAR and DFARS clauses addressing administrative and national policy requirements that will be incorporated into the resultant contract. During the negotiation process, potential awardees will be provided a copy of the draft contract prior to award.

2. Assistance Instruments. All assistance instruments awarded under this BAA will be governed by the DoD Research and Development (R&D) General Terms and Conditions (T&Cs) located at: https://www.nre.navy.mil/work-with-us/manage-your-award/manage-grantaward/grants-terms-conditions. The DoD R&D General T&Cs implement the Office of Management and Budget (OMB) guidance, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards," published in the CFR at 2 CFR (S) 200 and implemented by DoD at 2 CFR Part 1104, "Implementation of Governmentwide Guidance for Grants and Cooperative Agreements." The R&D General T&Cs include both administrative and national policy requirements. Awards under this BAA will incorporate the most recent version of the DoD R&D Terms and Conditions at the time of award.

3. Applicable to all Awards other than fundamental research. Export Control Laws. Awardees must comply with all U.S. export control laws and regulations implementing the "Arms Export Control Act", including the International Traffic in Arms Regulations ("ITAR" at 22 C.F.R. 120-130) and the Export Administration Regulations ("EAR" at 15 C.F.R. 730-774). In some cases, developmental items funded by the Department of Defense are now included on the United States Munition List (USML) and are therefore subject to ITAR jurisdiction. The USML is available online at https://www.ecfr.gov/current/title-22/chapter-I/subchapter-M/part-121. If the effort is subject to export control, any research and development projects that do not qualify as fundamental research, applicants must submit a certified DD Form 2345, Militarily Critical Technical Data Agreement, with submission. Further details and instructions will be provided in individual BAA Calls. Awardees shall be responsible for obtaining any required licenses or other approvals, or license exemptions or exceptions, if applicable, for exports of hardware, technical data, and software (including deemed exports), or for the provision of technical assistance.

## B. Post-Award Reporting.

Assistance Instruments. Awards for assistance instruments under this BAA require the submission of several mandatory post-award reports which are generally identified as deliverables in the award document. The reporting requirements will be mutually agreed before award. However, at a minimum, the mandatory post-award reports include the following:

- A Final Technical Performance Report. Final reports must be cumulative (i.e., each final report should cover the entire period of performance under the award and not just the period since the previous interim performance report). The primary purpose of the final report for a research award is to document the "overall project or program well enough to serve as a long-term reference from which others may understand the purpose, scope, approach, results or outcomes, and conclusions or recommendations of the research." 2 CFR (S) 1134.110(b)(2). The final technical report is required to be also filed electronically to the Defense Technical Information Center (DTIC).

- Final financial report using the Federal Financial Report, SF-425, is required to be submitted no later than 120 calendar days after the end date of the period of performance. (2 CFR Part 1134).

- Final report listing all subject inventions made under the award, or stating that there were none, is required to be submitted NLT 120 calendar days after the end date of the period of performance unless the Recipient requests, and the Government grants an extension to the due date. (2 CFR Part 1134).

- Annual Inventory of Federally Owned Property is required to be submitted on an annual basis (if applicable). (2 CFR Part 1134).

Procurement Contracts. The award document will detail the required post-award reports identified as deliverables, Contract Data Requirements List(s) (CDRL), DD 1423, attached as an Exhibit to the contract. The DD 1423 addresses the deliverable type, frequency, format, and submission requirements. The deliverables shall be prepared and submitted in accordance with instructions in the DD 1423 and mutually agreed upon before award. Typical deliverables for S&T efforts include monthly financial status reports, interim and final scientific/technical reports, briefing materials, test data, and others as required.

Applicable to All Awards. The reports that are delivered in connection with awards under this BAA may be available to subsequent acquisition efforts, subject to applicable data rights. The types of reports, frequency, and submission instructions will be specified in the award document.

Procurement Contracts and Assistance Awards. As required by Appendix XII to 2 CFR 200, "Reporting of Matters Related to Recipient Integrity and Performance" of the Uniform Guidance and FAR 9.104-6, awardees/recipients are required to report in the responsibility/qualification records in SAM.gov (formerly Federal Awardee Performance & Integrity Information System (FAPIIS)) any information about criminal, civil, and administrative proceedings, and/or affirm that there is no new information to provide. This applies to awardees/recipients that receive federal awards (currently active grants, cooperative agreements, and procurement contracts) if the value exceeds $10,000,000 from all federal agencies for any period of time during the period of performance of an award/project.

## IX. Other Information.

**Additional Requirements.**

1. Scope. Research resulting from work executed as a result of an award under this BAA may lead to an additional requirement for continued research or development being provided by the applicable contractor or recipient in support of testing and development to evaluate the measures of merit and performance enhancement capability. However, it is not possible at the time of release of this announcement, or at the time of award of the funding instrument, to accurately anticipate if these additional efforts will be required or if it is possible to anticipate the level of effort required. In addition, the technology explored under this BAA typically has application across the various branches of the DoD. In order to satisfy the unique needs of these different branches and to ensure a proper job is done in the evaluation of the applicable technology, award instrument modifications which add new Contract Line Item Numbers (CLINs) and/or expand on current CLINs for additional efforts providing flexibility in technology assessment (with technology transition as the ultimate goal) may be executed. In the event that this is required, it shall be considered to be within the scope of this BAA and the resulting award instrument, and, therefore, will have met the requirements of the FAR, DFARS and the Competition in Contracting Act (CICA). The benefit of this flexibility to the Government and ultimately the taxpayer is a significant increase in the R&D return on investment. The flexibility to have multiple users (branches of the military) in the technology evaluation cycle is critical and allows systems and technologies to be developed in a manner that has broader DoD market applications. These can then be modularly reconfigured to meet goals and objectives for all DoD branches.

2. Government Furnished Data, Equipment, Property, or Facilities. If the Government identifies Government data, equipment, property, and/or facilities that are required for successful performance, such data, equipment, property, and /or facilities will be addressed in the BAA Call and/or Funding Opportunity. Otherwise, it is the applicant's

responsibility to identify, coordinate, and furnish supporting documentation in the proposal for the use of any Government furnished data, equipment, property, or facilities.

3. Order of Precedence. Any inconsistency in this BAA and any BAA Call or Funding Opportunity issued hereunder shall be resolved by giving precedence to the BAA Call or Funding Opportunity.

4. Protest. An interested party who objects to the terms specified within this BAA solicitation or any BAA Call issued hereunder may submit a protest in accordance with FAR Part 33 to either: (1) electronically to the Contracting, Grants or Agreements Officer identified in the BAA Call); (2) electronically to the Agency (contact the Contracting Office Contracting, Grants or Agreements Officer for submission address); OR (3) electronically to the Government Accountability Office (GAO) - with an electronic copy submitted to the Contracting, Grants or Agreements Officer identified in the BAA Call or Funding Opportunity. Applicants are advised that a request for an independent review at a level above the Contracting, Grants or Agreements Officer is available as an appeal of a Contracting Officer decision in accordance with RFO 33.104-4(a)(5). Applicants are reminded that this BAA and any BAA Call or Funding Opportunity issued hereunder are issued in accordance with RFO 35.102 and not under FAR Part 15. Protests based on alleged improprieties in this BAA solicitation or any BAA Call or Funding Opportunity issued hereunder shall be filed prior to the closing date for receipt of proposals. GAO only has bid protest jurisdiction over awards in the form of procurement contracts subject to 48 CFR Chapters 1 and 2.

5. Contract Award by Agencies Other Than Army Contracting Command. The Government puts potential applicants on notice that other contracting offices besides Army Contracting Command - Redstone Arsenal may negotiate and ultimately award funding instruments under this BAA. These other federal entities may include: Air Force Research Laboratory (AFRL), Air Force Life Cycle Management Command, Naval Research Laboratory, Naval Research Office, Naval Air Systems Command (NAVAIR), and United States Special Operations Command (USSOCOM). Consequently, resultant funding instruments may require additional agency specific clauses and requirements.

6. THIS BAA consists of the following documents:

- W911W6-25-R-0006 BAA/NOFO General Terms
- ATTACHMENT 1 - One Step Process
- ATTACHMENT 2 - Two Step Process
- ATTACHMENT 3 - Proposal Instructions
- ATTACHMENT 4 - Army Research Risk Assessment Program (ARRP)
- ATTACHMENT 5 - Project Description/NOFO

**Attachment 2 to BAA W911W6-25-R-0006/W911W626RA002**
**Two-Step Process - Concept Papers**
**12 May 2026**

**Step One**:

The Government will initiate the Two-Step Process by posting a Special Notice in SAM.gov issuing the research and development Funding Opportunity details. Interested sources will submit Concept Papers electronically using the Solicitation Module within the Procurement Integrated Enterprise Environment (PIEE) (https://piee.eb.mil/).

Offerors will use the following format for the Concept Papers, subject to any changes in the Funding Opportunity notice for the specific research and development project:

Section A: Cover Page. This section is one page and includes the BAA number, the Funding Opportunity number, and the title of Research and Development Project name from the Funding Opportunity, Name of Company, Business Size, Company's Commercial and Government Entity (CAGE) number, Unique Entity Identifier (UEI) number, Contracting and Technical POC. Offerors will not include any other information on the Cover Page.

Section B: Research Project Description. This section is limited to five single-sided 8 ½ x 11-inch typed pages (including charts, graphs, photographs, etc.). Offerors shall include a discussion of the nature and scope of the research project and the proposed technical approach/solution including identification of major technical risks with defined feasible risk mitigation efforts. It may also include any proposed deliverables. Pages in excess of the five-page limit will not be read or considered.

Section C: Rough Order of Magnitude (ROM) Cost. This section is limited to one page and provides a ROM cost estimate. A ROM cost is a quick, broadly scoped cost estimate that is typically completed when few details exist on a specific effort.

Based upon the following **Review Criteria**, the Government will categorize Concept Papers as either **"Of interest"** or **"Not of interest"**:

(1) Technical merit of the proposed concept with an emphasis on feasible, achievable, and innovative solutions to achieve the project objectives;
(2) the degree to which a defined transition path or strategy to a capability exists; and
(3) the degree to which the proposed schedule is achievable and affordable based upon the ROM cost estimate.

The Review Criteria are of equal importance.

During the Government review of Concept Papers, the Government evaluators may elect to ask questions of individual offerors to enhance the Government's understanding of and to facilitate the Government's evaluation of the Concept Paper. The Government evaluator questions may be communicated either via the Government version of Microsoft Teams or by electronic mail.

Step One concludes with the Government Contracting Officer/Agreements Officer notification to Offerors that either:

- The Concept Paper is "Of Interest" and will continue into Step Two;
- The Concept Paper is "Of Interest, Currently Not Affordable" and will be retained in the event funding becomes available and allowing the Government to request a proposal thereby initiating Step Two.
- The Concept Paper is "Not of Interest" with rationale for the decision. For "Not of interest" Concept Papers, this will end Government consideration of the Concept Paper.

**Step Two**: **Applicable only to Concept Papers Determined "Of-Interest"**

The Government Contracting/Agreements Officer will initiate Step Two, by sending a request for proposal to those Offerors whose Concept Papers are "Of interest". During Step Two, all communications between the Government and the Offeror will be through the Government Contracting/Agreements Officer. The Government reserves the option to request proposals for all or a portion of the proposed research project. A request for proposal does not imply the Government has made a final funding decision.

Proposals shall be submitted in accordance with Attachment 3 and are due by the date specified in the request.

The Government will evaluate the proposal using the criteria from Step One substituting the cost proposal for the ROM cost estimate to determine if the proposed cost is reasonable and realistic. After an initial evaluation of the proposal, the Government may elect to conduct discussions with the Offeror to confirm proposal details; for example, discussions concerning the Offeror's detailed statement of work for the project, and/or address proposal ambiguities.

At the conclusion of discussions if applicable, the Government will **categorize the proposal** as one of the following:

"Of Interest" and funding is available; or

"Of Interest", but funding is not available. Government will ask offeror to extend the proposal validity period in event funding becomes available; or

"Not of Interest" and the Government does not intend to fund the proposal.

The Government will also consider program balance/diverse technologies in making decisions on proposals "Of Interest".

**Attachment 5 to BAA W911W625R0006/W911W626RA002**
**AMENDMENT 0002**
Sequence #26-ATTACH5-C (13 May 2026)
Autonomy Technologies for Complex Advanced Teaming Operations (CATO)

## Introduction

**Description:** The Government seeks technology offers that enable autonomy and collaborative teaming capability for uncrewed aviation systems (UAS), operating at high levels of supervised autonomy in tactical Army operations in complex air-ground-littoral environments. Complex environments in this context include littoral, maritime, and urban settings, and terrain with varying elevation, obscuration, and concealment opportunities. Assumptions for operating conditions in these environments will include denied and degraded communication and positioning conditions as well as active and dense hostile presence. Autonomy technologies of interest are software solutions for autonomous mission planning and execution, knowledge representation and sensemaking, mission oversight and decision-making, human-autonomy interface, and network management. These technologies are to be applied in the context of heterogeneous, multi-UAS operations integrated into small unit Soldier formations. Of specific interest are solutions based on Artificial Intelligence (AI) and Machine Learning (ML) technologies such as large and small language models and agentic AI or other novel approaches. The intent is to lay the foundation for AI-based next generation "learning" enabled autonomy capabilities. The Government will use selected offeror solutions to inform and evaluate modifications and upgrades to Program of Record requirements. The AI-enabled technologies to be demonstrated in CATO are anticipated to be candidates for insertion into the Launched Effects (LE) Family of Systems (FoS) aircraft, the new Future Long Range Assault Aircraft (FLRAA), Future Tactical Unmanned Aircraft System (FTUAS), the existing aviation fleet and existing and planned Ground Systems.

**Topic Audience:**
Small Business, Large Business, Non-traditional Companies, Venture-Capital-funded startups, Academia, and Historically Black Colleges and Universities/ Minority Institutions (HBCU/MI).

**Department of the Army research, Development, Test, & Evaluation (RDT&E) Budget Activity (BA):**
Department of the Army Research, Development, Test, & Evaluation (RDT&E) Budget Activities (BA):

BA 2, Applied Research; and
BA 3, Advanced Technology Development

**Program Element(s):**
PE 0602345A / *Unmanned Aerial Systems Launched Effects Applied Research*
PE 0603465A / *Future Vertical Lift Advanced Technology*
PE 0603345A / *Unmanned Aerial Systems Launched Effects Advanced Technology Development*

**Project:**
A41 - *Adv Teaming for Tactical Aviation Operations Tech*
AL1: *Adv Teaming for Tactical Aviation Oper Adv Tech*
A45 / *Air Launched Effects Advanced Technology*

**Keywords:**
Collaborative Autonomy, UAS, AI/ML, Agentic AI, Knowledge Abstraction, Mission Planning, User Interface, User Experience

**Budget:**

| FY26 | FY27 | FY28 | FY29 | Total |
|---|---|---|---|---|
| $5M | $8M | $11M | $5M | $29M |

**Program Schedule:**

Multiple awards are anticipated each year, based upon availability of funds. Offers in the form of summary offers (see Step 1 below for description of a 'summary offer') may be submitted at any time prior to the closing date of this funding opportunity

which ends **36 months after the date this funding opportunity is published in SAM.gov**. The Government will begin the initial round of Summary Offer evaluations on June 4, 2026 to include all submissions received on or before that date. Future cut-off dates for subsequent evaluation rounds will be published via BAA amendment.

Due to the iterative nature and pace of advancement of autonomy technologies, the Government may refine its requirements through amendments to this funding opportunity. Offerors selected for award will mature and test their software solutions through phases of development. An industry product may be integrated for assessment at a partner facility hosted by a University Affiliated Research Center (UARC); followed by integration at an industry partner's Systems Integration Lab (SIL); and, if selected, at the Government's human-in-the-loop Modeling and Simulation (M&S) facility and/or in Live-Virtual-Constructive (LVC) flight test activities. Industry solutions will be assessed using entry and exit criteria to proceed through each of these phases. Assessments will use operational scenarios as each Offeror's products progress through phases of development. Operational scenarios could start simple, such as a single UAS conducting a search or rendezvous task and increase in complexity to involve multiple teams of heterogeneous UAS conducting complex autonomous functions, such as collaborative mission planning and execution, scene understanding from multimodal information, and tactical decision making / decision aiding in coordination with human team members in a representative tactical Army scenario. Specific entry and exit criteria will be established by mutual agreement between the Government and the Offeror at the start of each phase, such as:

1. Demonstrate behavior required for scenario used in phase.
2. Perform consistently without failures.
3. Allow the Government to integrate and use the product with other third party products with ease. This includes the impact of restricted rights, if any, and cooperation with other industry partners.

The ideal duration of a phase is six months or less.

**Alterations from Standard BAA Process.**

This funding opportunity adds an additional process consisting of three steps, further described below:

Step One: Summary Offer

Instead of a concept paper, interested Offerors will submit a summary of their proposed solution, hereinafter referred to as a 'summary offer'. The summary offer may include no more than one page of text/graphics and/or five minutes of video. The file size limit for the summary offer is 500MB. Submission instructions are as provided in the Master BAA for the concept paper. The Government will review the summary offers and select offers of interest who will be invited to provide an oral presentation (see Step Two).

Step Two: Oral Presentation

Offerors invited to provide an oral presentation will be contacted by the Government to schedule a time for a virtual oral presentation using the Government's Microsoft Teams application. The Offeror will submit its presentation materials (pdf, mp3/mp4, or PowerPoint) to the Solicitation module of the Procurement Integrated Enterprise Environment (PIEE) one week prior to the presentation date. The Offeror will have a maximum of 45 minutes to provide its technical presentation. The Offeror's presentation must include a description of the proposed autonomy technology, how it supports Government objectives, and a draft work statement detailing how it will be developed, integrated (to include description of external dependencies), tested, and delivered (including labor hours, labor categories, subcontractors, materials required to complete the proposed work, and projected per unit cost). A maximum 30 minute question and answer (Q&A) session will follow the oral presentation with the Government team asking questions first for up to 20 minutes and the Offeror team asking questions for the final 10 minutes. The presentations and Q&A will be recorded. The recording will be kept as a part of the official contract file. The Government will evaluate the information provided and select offers of interest. Offerors determined of interest will be invited to submit a cost proposal and if needed, a revised statement of work to address Government feedback provided during the TEAMS presentation.

Step Three: Cost Proposal

The Government will perform a final review of the full cost proposal and final statement of work. If agreeable, the Government will enter negotiations and make an award to the Offeror.

**Opportunities for Fundamental Research**

No. There is no opportunity for Fundamental Research activity for this effort. Due to the fast-paced nature of this effort, the Government is searching for technologies that are beyond the fundamental development stage.

**Government Contracting POC:** Devon Wolfe, devon.k.wolfe2.civ@army.mil
**Government Technical POC:** Aaron Malave, 757-878-2542, aaron.malave.civ@army.mil

## Topic Descriptions

**Preferred Areas of Focus by Topic:**

### Autonomous Mission Planning and Execution

The Government seeks mission-specific planning functions to perform threat-informed, pre-mission team configuration and composition, and multi-aircraft mission planning and sequencing of tasks based on commander's intent, orders, rules of engagement, airspace control measures, available situational knowledge, etc. Also of interest are task level planning and execution functions for command and coordination of aircraft actions and payload actions capable of dynamically reacting to changes in situational awareness (SA) information or commander's intent and issuing alerts when execution anomalies arise.

### Knowledge Representation and Sensemaking

The Government seeks solutions that implement advanced perception algorithms capable of correlation and fusion of multimodal, multi-aircraft situational awareness data for high confidence automated object/target detection, recognition, identification, and operational state assessment. Also of interest are algorithms for higher order abstractions and representations of four-dimensional SA, terrain data and mission data to include all relevant entities of interest and higher order knowledge abstractions for scene situational understanding, sense-making, and predictions that inform mission planning and mission oversight functions as well as commander's decision making, with the ability to seek out additional data when current information is inadequate.

### Mission Oversight and Decision-Making

The Government seeks solutions for decision support and mission oversight functions capable of monitoring status of mission based on quantified criteria, anomalies in execution or inadequacy in execution, and reporting by other software agents. Solution must be able to make decisions to change course and direct re-tasking to remedy shortfalls within its prescribed authority as delegated by the commander. Solution must be able to communicate with human commander and provide decision support information as required or as requested. Solutions with predefined guardrails or contingency management options in situations where remedies exceed delegated authority and decision-making authorities cannot be reached will be a plus.

### Human-Autonomy Interface

The Government seeks intelligent user interface products for functions that provide human situational understanding and keep humans aware of autonomy performance. Solutions must be able to receive operator inputs, latest threat reports, mission graphics inputs, parse and digitize orders received, and request additional data when necessary for use by planning agents. Interfaces must be able to present information from mission oversight and planning agents on their ongoing status, actions, and decision-making. Also of interest are interface features that allow human interaction with autonomous systems at any preferred level of engagement, to include direct control of autonomous air and ground uncrewed assets when necessary.

### Network Management

The Government seeks intelligent network management functions capable of planning mission-specific network topology suitable to teamed mission objectives within constraints of denied, disrupted, or intermittent communications conditions. Also of interest are functions capable of optimal communication resource allocation during mission execution, adapting configuration throughout the mission in response to changing environmental and mission requirements. Desirable functions will also facilitate integrating the team into higher echelon command and control as well as verification and authentication of connecting entities.

**Design for Agility, Safety, & Security:**

The Contractor shall apply systems engineering processes and design principles into the development of hardware and software solutions. These design principles shall be implemented using agile processes such as scrums and Software Principles for Development Solutions (SPDS), which are essential to incorporating safety, security, and agile requirements into product development. The Contractor shall provide the necessary engineering analysis to identify the safety and security-related impacts as applicable and recommend or implement mitigating functions or features of the system in accordance with widely used best practices to mitigate safety or security related risks. The Contractor shall provide recommendations of safe and secure operational employment of systems when required. When requested by the Government, the Contractor shall develop and implement selected functions or features, test and verify systems and establish protocols and procedures for employment of systems.

**Basis of Need/Capabilities Gap:**

The rapid advancement of adversary capabilities in anti-access, area, and spectrum denial pose increased survivability risks to our forces and drive the need for highly autonomous uncrewed systems at the forward edge. Current capabilities in deployed systems do not enable the speed and scale required. Advancing autonomy that employs AI/ML is an imperative. The Army is in the midst of rapid transformation with a key emphasis on the "Air Ground Littoral" space for the land domain's role. The Air Ground Littoral system of systems leverages advantages of both the air and ground domains, providing commanders with expanded maneuver options and the ability to exploit the four-dimensional battlespace to enable the joint fight. The system of systems is a human machine integrated formation that incorporates crewed and uncrewed ground and air systems, ground and air launched effects, remote sensors, indirect fires and fire control radars, network, and command and control systems to deliver kinetic and non-kinetic effects across the depth and breadth of the battlespace. The speed and scale required of multi-domain operations drives the need for capabilities that take advantage of AI technologies across all warfighting functions. Army Aviation, and more specifically, the Research and Development portfolio of the AvMC TDD Autonomy and Teaming Branch, aims to advance the employment of AI-enabled autonomy technologies for UAS and enable high impact human machine integrated formations. These integrated formations span key warfighting functions such as Mission Command, Maneuver, Fires, and Protection. The insertion of AI-enabled autonomy technologies must enhance the effectiveness of each human commander's warfighting role, mission, and impact in every echelon.

**Solution Guidelines:**

1. Anticipated SOW Tasks: The Government anticipates that the following recurring tasks will be performed for the research topics in each phase executed over six-month cycles. However, Offerors may use or modify these tasks or create a different set of tasks when they propose.

a. Requirements Analysis (one month): Map features of the developed product to the operational scenario activities and identify functions enabled or not enabled by the product. Document and deliver this analysis to the Government.

b. Software Drop (two months): Prepare and deliver product to a third-party integration environment. The Government will provide information about interface requirements and computing environment where product will be installed. The Government may provide test harness or additional information for Offeror to test product before drop to third party. Deliver installation instructions and user manual corresponding to software drop.

c. Update and Retest (two months): The Government anticipates one iteration of fixes to software product before repeated integration and test at third party. This task will be limited to making corrections and bug fixes to code and not inserting new features to software.

d. Retrospective & Reporting (two weeks): Conduct retrospective jointly with Government to assess changes needed for next phase. Analyze test data and assess performance of software delivered and tested. Deliver results of integration and test.

e. Next phase planning (two weeks): If selected to proceed into the next phase, plan new operational scenario and key features to incorporate for integration and test jointly with the Government.

2. Phase Schedule: The initial one to three phases are anticipated to be in M&S, with down select decisions before proceeding to additional phases in higher fidelity M&S facilities or SILs, followed by down select again to proceed to LVC flight testing, with more mature products advancing in a faster schedule. A product that meets the requirements for insertion into the Program of Record development, security, and operations (DevSecOps) environment will be transitioned to the Program Office at the earliest opportunity.

3. Government Furnished Property/Information**:** The Government expects to provide operational scenarios and use cases, capability descriptions of various asset types (vehicle platforms and payloads), as well as integration guidance, test harnesses, if applicable, and interface requirements for each phase of integration and test. Additionally, the Government expects to integrate Offeror's software product with other third-party products at a partner facility or a Government owned Modeling & Simulation facility to assess performance in operationally representative scenarios.

4. Deliverables: Notional/anticipated deliverables are listed below to help inform the Offerors' submissions. The list is not all inclusive, and additional deliverables may be identified as necessary. Required deliverables will be based on inputs to each topic listed above. Offerors may modify or add to deliverables list to suit their proposed approach.

- Requirements Analysis Document in contractor preferred format
- Software executable code releases
- Installation Instructions and User Manuals
- Test and Analysis Reports
- Software function description for safety and security review (required if product selected for flight testing).
- Software Version Description (Option if transitioning to a program office).

If product is selected to proceed to flight test phase, expect to need to submit additional documentation along with software release to describe functionality that may have a safety impact.

If product is identified as a candidate for transition to a program of record, Offerors should expect to submit deliverables in response to program office's requirements, including delivery of software for security scans.

**Anticipated benefits:** Offeror solutions that perform effectively in this effort will demonstrate measurable increases in ability to autonomously handle complex and dynamic situations over baseline solutions. Autonomy capabilities enabled by AI solutions are expected to provide substantial improvements over scripted, non-AI-based solutions in the speed, breadth, adaptability, and resilience of performance. However, they must do so as trusted agents integrated in a mixed crewed-uncrewed formation and remain true to the commander's intent and the rules of engagement.