

SUBMITTER'S GUIDE

ARMY EXPEDITIONARY WARRIOR EXPERIMENT 2025

EXPERIMENT TIMELINE

29 March 2024: Technology submissions due
01 April – 24 May 2024: Technology submissions review
29 May 2024: Technology selections announced
25 – 26 June 2024 (T): Initial Planning Conference
25 March – 06 May 2025: Live Force-on-Force Event
06 May 2025 (Tentative): Insights Day

EXPERIMENT OVERVIEW

AEWE 2025 will be a live, field experiment conducted 25 March 2025 through 06 May 2025. By exception, AEWE may consider using alternate venues such as live fire ranges or standalone assessments, which would likely occur in February and March 2025. The AEWE team will determine the best venue for your technology based on system attributes and available time.

- 1) **Force-on-Force.** Army tactical maneuver operations, such as attack and defend missions against an opposing force using the Multiple Integrated Laser Engagement System (MILES). This venue is approximately 50 days long including training and data collection events.
- 2) **Live Fire.** Live Fire ranges for weapons, lasers, and explosives. AEWE uses this venue for technologies that are weapons, Class III or higher lasers, and explosives. These events in AEWE are typically one day events.
- 3) **Standalone Assessment.** A short assessment focused on your technology. AEWE uses this venue when the technology would not likely be used during the tactical missions. Examples are water purification and engineer obstacle reduction systems. Standalone assessments are typically one day in duration.

List your preference for venue on your white paper submission. If you do not have a preference the AEWE Team will make a recommendation.

WHO WE ARE

The Army Expeditionary Warrior Experiment (AEWE) is a venue for small unit modernization, providing capability developers, the Science and Technology (S&T) community, and industry a repeatable, credible, rigorous, and validated operational experiment supporting both concept and materiel development. The AEWE campaign provides operational insights on experiment objectives by exploring new concepts, organizations, training methods, and integrating prototype capabilities into an operational environment. Experiment is executed through Live Fire, Standalone and Force on Force phases.

GENERAL GUIDELINES

AEWE is an unclassified experiment. Classified technologies will not be accepted.

All costs of preparing, submitting, and presenting technology submissions for the experiment are solely those of the submitter.

The AEWE experiment Soldiers are Infantry military occupational specialty (MOS), organized as one dismounted platoon and one dismounted company headquarters. They do not have vehicles. They have organic platoon-level weapons, with some exceptions including no shoulder-launched rockets and no Javelin systems. Other MOSs and weapons or vehicles cannot be guaranteed for participation. If the AEWE team cannot provide something that your technology relies on, you will be expected to provide it or your system's participation will be at risk. AEWE does not have battalion or higher staffs, Abrams, Strykers, Bradley Fighting Vehicles or helicopters. Historically AEWE has incorporated all of those, but they are not habitual participants and AEWE cannot guarantee that they will be available.

The AEWE tactical network for voice and data communication is unclassified.

Technology vendors will receive a capabilities and limitations report on their technology only.

All costs associated with participating in the experiment to include travel, shipping, technical training costs, technical integration costs, technology maintenance, and sustainment costs are the responsibility of the submitter.

All participating technologies must obtain an Army Test and Evaluation Center (ATEC) safety release specific to AEWE 2025 at their own cost to participate in the experiment.

All participating aircraft to be flown by Soldiers must obtain an Air Worthiness Release for AEWE 2025 IAW Army Regulation 70-62, Air Worthiness Qualification of Aircraft Systems. Additionally, they must submit all DD 2400 series forms to Lawson Army Airfield to receive approval to fly in Fort Moore's restrictive airspace.

All participating Unmanned Aircraft Systems must obtain a Commercial-Off-The-Shelf (COTS) Exception To Policy (ETP) Waiver for AEWE 2025 IAW Section 848, 2020 National Defense Authorization Act.

Selected technologies must sign a Vendor Demonstration Agreement (VDA) in order to participate in the experiment. The VDA is an agreement between the vendor and U.S. Government that states the following:

1. Participating in the experiment in any way does NOT obligate the U.S. Government to purchase or otherwise acquire the items or services demonstrated or displayed.
2. U.S. Government assumes NO cost or obligation, expressed or implied, for damage to, destruction of, or loss of any vendor provided equipment or material used in the experiment.

GENERAL GUIDELINES CONTINUED

3. The U.S. Government is NOT responsible for any lodging, transportation, meals, and incidental expenses incurred by technology providers during the experiment.
4. U.S. Government is NOT bound nor obligated in any way to give any special consideration to the vendor on future contracts as a result of this experiment.
5. Display of vendor's product, its capabilities, and the presentation of any technical data associated with it may involve the participation of foreign military personnel assigned as liaisons to the U.S. Army and other components of the Department of Defense (DoD), as well as personnel of U.S. coalition partners. Such displays and disclosures may be considered an "export" of technical data under the International Traffic in Arms Regulations (ITAR), 22 CFR Chapter I, Subchapter M.
6. Ongoing efforts between your company and Army program offices or the Army Test and Evaluation Command may disqualify participation to avoid perception of preferential treatment.

Selected technologies will be required to participate in three planning conferences in order to complete pre-experimentation planning and administration requirements.

Initial Planning Conference (IPC): 26 – 27 June 2024 (Tentatively) at Fort Moore, GA

Mid Planning Conference (MPC): 5 – 6 November 2024 (Tentatively) at Fort Moore, GA

Final Planning Conference (FPC): 19 – 20 February 2024 (Tentatively) at Fort Moore, GA

Selected technologies to be integrated with other systems or the AEWE network will be required to conduct the integration necessary to employ their technology during the experiment. Technology integration will take place from December 2024 to March 2025 at Fort Moore, GA.

Technologies that emit a frequency must submit a DD Form 1494, JF-12 1494, or an FCC ID Certification to gain frequency/spectrum approval from either the Army or Fort Moore Spectrum Management Office.

The AEWE Team will design the experiment and write a report on the results. The AEWE Team will design the experiment based on input from you and government subject matter experts. The design will place your technology into the hands of Soldiers in a live, operationally relevant context using military tactical scenarios. We do not require assistance from any outside agency or academic institution that you may be partnering with. If there is some extenuating circumstance that requires collaboration or oversight for your technology, please bring that to our attention in your white paper submission.

SUBMISSION INSTRUCTIONS

Submissions are due no later than 29 March 2024 and must be emailed to:

usarmy.moore.futures-cmd.mbx.aewe@army.mil

Please allow a minimum of three business days for submission processing. All submissions will be acknowledged to the submitter's email address. If you do not receive confirmation of receipt of your submission, please contact us at the above email or call (706) 289-3082 (Rob Harbison, AEWE Project Manager). Submitters will be notified of any errors in their submission and will be given five business days to resubmit. All correspondence pertaining to the technology selection process will be sent to the original submitter's email address unless a change is requested by the vendor.

Submissions must include the following documents:

1. The Quad Chart is prepared using the approved AEWE 2025 template in Microsoft (MS) PowerPoint. **Do not submit in PDF.**
2. The White Paper is prepared using the approved AEWE 2025 template in MS Word. The White Paper should not exceed seven total pages including cover sheet. **Do not submit in PDF.**

Document file names must be named in the following format:

Technology Name_Document_Date. Example: TechName_WhitePaper_10March24 or TechName_QuadChart_10March24.

For clarity of communication, the AEWE Team coordinates with one primary point of contact (POC) and one secondary point of contact (POC) per technology. The Quad Chart and the White Paper must list the same primary and secondary POCs. POCs should be someone who can answer technical questions about the technology and be authorized to make commitments on behalf of the technology's organization. We strongly advise that the POC is a field service representative who would be at the experiment to train and support the technology, versus using a business developer as the POC. Should a change to your POC occur at any time during the experiment, you must notify the AEWE Team and submit a new Quad Chart and White Paper.

No PDF documents will be accepted. Documents submitted in PDF or any format other than MS Word (White Paper) and MS PowerPoint (Quad Chart) will result in submission rejection.

No changes to the AEWE templates are allowed (font type, font color, font size, bold text, italic text, template margins or other changes). Submission documents not in accordance with the AEWE templates will result in submission rejection.

All submission documents must be approved for public release and no documents with proprietary markings of any kind will be accepted. Documents with proprietary markings will result in submission rejection.

All submission documents must be unclassified and approved for public release.

Submission of additional information such as brochures or other technology material is not allowed and will not be considered as part of your submission.

SELECTION CRITERIA

1. **Military Relevance.** The degree to which the submission fits into Army modernization initiatives. State the military problem that the submission addresses.
2. **Technology Readiness Level (TRL).** Is the technology mature enough to assess in an operational environment?
3. **Availability.** How many systems can the vendor provide and what is the proposed employment level (individual Soldier, squad, platoon, or company)? Is the technology available in sufficient numbers to support the experiment? For example, if the technology is proposed to be implemented at the squad level, can the vendor provide enough units to equip an entire squad? AEWE supports Soldier up to Company level technologies, however, Battalion/Division level technologies do not fit within the AEWE experimental mission.
4. **Network Integration.** If the system is a component of the lower tactical network (radio and mission command systems), could we integrate it into the AEWE lower tactical network? If no, can it run parallel to our network without adversely affecting the network or unduly burdening the participating Soldiers?
5. **Trainability.** How long does it take to train Soldiers to proficiency on the technology and what Army resources does training require?
6. **Past Performance.** Does the technology provider have a good record of performance in the Science and Technology community or in AEWE? Has your technology been upgraded from the last AEWE attended?
7. **Conflicts with other Army efforts.** System participation in Army business opportunities such as down selects, sources sought, bid sample tests or other similar activity will likely disqualify the system from AEWE participation. This criteria applies to ongoing or near term future efforts during the execution of AEWE. Beyond the current experiment year or completed business would likely NOT disqualify participation in AEWE.

SELECTION TIMELINE

29 March 2024: Technology submissions due

01 April – 28 May 2024: Technology submissions review

Not later than 29 May 2024: Technology selections announced

LATE SUBMISSION TIMELINE

The AEWE Team will review submissions received after the 29 March 2024 deadline on a case-by-case basis. If a government agency is willing to sponsor a late submission we will make every effort to fit it into the current year experiment, however, missing milestones such as the Initial, Mid, and Final Planning Conferences may complicate the planning process. The submission process is the same.

SELECTION PROCESS

The AEWE Team will review your submission against the experiment objectives and selection criteria. If you have questions, comments, or concerns regarding your technology submission, send them to the AEWE Team at usarmy.moore.futures-cmd.mbx.aewe@army.mil

The AEWE Team may reach out to the primary or secondary point of contact (POC) on your submission quad chart to discuss your technology. It is important that the primary and secondary POCs listed are familiar with the characteristics of the technology and can be able to answer questions about the capabilities of the system. We strongly advise that the POC is a field service representative who would be at the experiment to train and support the technology, versus using a business developer as the POC.

Some submissions may require an engagement with the AEWE team prior to the final announcement. The window for those engagements will be 06 – 17 May 2024. If required, we will reach out to you to coordinate details for the engagement. Please be prepared for a brief (30 minute) session on site at Fort Moore during the date window mentioned above. We will do our best to accommodate requests for remote engagements and we acknowledge in some cases, your physical presence with your capability may be impractical for a variety of reasons.

Technology selections will be announced via email on or before 29 May 2024.