



REPLY TO

**DEPARTMENT OF THE ARMY**  
HEADQUARTERS, UNITED STATES ARMY FUTURES COMMAND  
FUTURES AND CONCEPTS CENTER  
MANEUVER CAPABILITIES DEVELOPMENT AND INTEGRATION DIRECTORATE  
7533 HOLTZ STREET  
FORT BENNING, GEORGIA 31905-5000

FCFC-CM

03 June 2022

MEMORANDUM FOR Commander, U.S. Army Futures and Concepts Center, 210 West, 7<sup>th</sup> Street, Austin, Texas 78701-2982

SUBJECT: Army Expeditionary Warrior Experiment (AEWE) 2023 Technology Call

1. References:

- a. AFC OPORD 040-21 Annual Modernization Order FY22.
- b. FCC OPORD 21-052 FCC FY22 Integrated Plan.

2. The Maneuver Capabilities Development and Integration Directorate (MCDID) will host the Army Expeditionary Warrior Experiment (AEWE) 2023 in the second quarter of FY2023 at Fort Benning, Georgia. The experiment is a collaborative venue that examines capabilities and concepts designed to inform existing requirements and capability gaps. AEWE's primary focus is the small tactical unit level, yet it also serves as a venue to inform Army Futures Command's Project Convergence of capabilities that contribute to Cross-Domain Maneuver. Through AEWE 2023, industry partners can accelerate capabilities and reduce cost in prototype development, while collaborating with Soldiers, engineers, and Army analysts. Nominations should focus on disruptive capabilities such as artificial intelligence (AI), autonomy, combat and tactical vehicle electrification, and swarm-capable robotics. Additionally, nominations will be reviewed for inclusion that support modernization of a Multi-Domain Operations capable force. The learning demands supporting AEWE 2023 analysis are:

- a. LD 1: Integrate Intelligence Surveillance Reconnaissance (ISR) - How does a small tactical unit, organize, train, and equip to conduct integrated reconnaissance and security operations on the expanded multi-national battlefield, to deter or defeat highly-capable peer threats in the degraded, contested, lethal, and complex future operational environment?

- b. LD 2: Enable Interoperable Command and Control (C2) - How does a small tactical unit, organize, train, and equip to realize uninterrupted mission command in the expanded multi-national battlefield, to deter or defeat highly-capable peer threats in the degraded, contested, lethal, and complex future operational environment?

- c. LD 3: Operate Semi-Independently - How does a small tactical unit, organize, train, and equip to conduct semi-independent operations at a tempo the enemy cannot

respond to or sustain, to deter or defeat highly-capable peer threats in the degraded, contested, lethal, and complex future operational environment?

d. LD 4: Lethality - How does a small tactical unit employ mutually supporting lethal and nonlethal multi-domain capabilities to support maneuver, develop situational understanding continually, achieve overmatch, gain positional advantage, and operate at a pace and tempo the enemy cannot sustain in the degraded, contested, lethal, and complex future operational environment?

### 3. Technology Selection Process.

a. Submit proposals to [usarmy.benning.futures-cmd.mbx.aewe@army.mil](mailto:usarmy.benning.futures-cmd.mbx.aewe@army.mil) NLT 30 June 2022. See Enclosures 1-3 for detailed instructions on how to submit a technology proposal.

b. A government agency must sponsor a technology to be selected.

c. The proposing organization (government or industry) must fund candidate technology participation. Technology providers will pay all costs associated with developing, transporting, training, and sustaining selected technologies during the experiment period.

### 4. Timeline. The milestones for AEWE 2023 are outlined below.

(1) 30 June 2022: Technology submissions due

(2) 01 - 15 July 2022: Technology submissions review

(3) 1 August 2022: Technology selections announced

(4) February - March 2023: Live Force-on-Force Event

(5) 4 April 2023: Insights Day

5. The POC for technology submissions and questions regarding the selection process is Jason Rakocy, [Jason.g.rakocy.ctr@army.mil](mailto:Jason.g.rakocy.ctr@army.mil).

3 Encls

1. Quad Chart Template
2. White Paper Template
3. Submitter's Guide

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