



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND
ARMY CAPABILITIES INTEGRATION CENTER
950 JEFFERSON AVENUE
FORT EUSTIS, VIRGINIA 23604-5761

ATFC-ET

28 Aug 2016

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Army Expeditionary Warrior Experiment (AEWE) Benning 2018 Technology Call

1. References:

a. TRADOC TASKORD IN161621 – Army Capabilities Integration Center Live Prototype Assessment (ALPA) FY2018/19/20 Planning Guidance, 13 Jun 2016.

b. FY2017-21 Force 2025 Maneuvers Planning Guidance and Objectives, 1 Apr 2016.

2. Background. The AEWE campaign of experimentation follows the ARCIC Live Prototype Assessment (ALPA) guidance. ALPA provides a centralized management process for Army live prototype assessments that verifies data and recommendations generated from those assessments in order to identify specific capabilities that inform interim solutions to capability gaps, running estimates of Army Warfighting Challenges (AWFC), operational and organizational (O&O) concept development, and other Force 2025 Maneuver/Army's Campaign of Learning efforts.

3. In accordance with the ALPA FY2018/19/20 Planning Guidance, the Maneuver Center of Excellence (MCoE) will host AEWE Benning 2018 to examine DOTMLPF capabilities and concepts designed to improve overmatch for the Soldier and small unit. AEWE Benning 2018 places technologies in the hands of Soldiers for early and credible feedback to capability developers during live experimentation. It provides an opportunity to apply lessons learned and validate changes in design.

4. Timeline. The milestones for AEWE Benning 2018 technology selection are:

a. 5 Oct 2016: Technology submissions due.

b. 12-26 Oct 2016: CoE internal pre-selection (tiering).

c. 2 Nov 2016: CoE pre-selection results (tiering) released.

d. 7 Dec 2016: Tier II and Tier III briefings at Fort Benning, GA.

e. On or about 4 Jan 2017: Preliminary technology selections released.

ATFC-ET

SUBJECT: Army Expeditionary Warrior Experiment (AEWE) Benning 2018 Technology Call

f. Mar 2017: Final acceptance of technology submissions, subject to ARCIC approval.

5. AEWE Benning 2018 Experiment Objectives. See enclosure 1 for more information.

a. Objective 1. How do we enable small units to conduct joint combined arms air-ground maneuver to defeat enemy organizations and accomplish missions in complex operational environments? Lead: MCoE. AFWCs: 9, 10, 11, 13, 15, 16.

b. Objective 2. How do Fires forces enable small units to execute joint combined arms air-ground maneuver to defeat enemy organizations and accomplish missions in complex operational environments? Lead: Fires CoE. AWFCs: 11, 13, 15, 17, 18.

c. Objective 3. How can Maneuver Support capabilities further enable the maneuver force? Lead: Maneuver Support CoE. AWFCs: 5, 12, 15.

d. Objective 4. How do we provide the capability to extend endurance and operational reach, increase operational readiness, reduce demand, and execute responsive sustainment to widely dispersed units? Lead: Sustainment CoE. AWFCs: 12, 16, 20.

e. Objective 5. How can the Army engineer the tactical network to reduce user complexity, improve capacity, increase resiliency, maximize bandwidth efficiency, enable dynamic reconfiguration, and improve cybersecurity, while becoming expeditionary? Lead: Cyber CoE. AWFC: 7.

f. Objective 6. How can the Intelligence enterprise improve and facilitate the processing, exploitation, and dissemination of intelligence products in order to provide the commander with situational understanding while operating in a complex environment? Lead: Intelligence CoE. AWFC: 1.

6. Technology selection process.

a. All proposals must be submitted electronically to usarmy.benning.tradoc.mbx.mbl-expeditionary-warrior-experiments@mail.mil NLT 5 Oct 2016. See enclosure 2 for detailed instructions on how to submit a technology proposal.

b. The Technology Selection Committee will assess all Tier II and Tier III submissions during the AEWE Benning 2018 Technology Selection Working Group at Fort Benning, GA, 7 Dec 2016. Tier II and Tier III briefings will consist of a 10-minute presentation using the submitted quad chart before the Technology Selection Committee. See enclosure 2 for more information.

ATFC-ET

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c. Selected technologies will be assigned to a proponent CoE or other DoD organization for sponsorship. Sponsors are responsible for developing basic experiment study objectives for technologies and are responsible for executing the Experiment-to-Action Recommendations (ETAR) at the conclusion of the experiment.

d. Candidate technology participation must be funded by the proposing organization (government or industry). Technology providers will pay all costs associated with developing, transporting, training, and sustaining selected technologies during the experiment period.

e. The MCoE point of contact for all technology submissions and questions pertaining to the selection process is Mrs. Angie DePuydt at (706) 545-6177, angela.k.depuydt.ctr@mail.mil.

7. The ARCIC point of contact for this memorandum is Mr. Michael Riha, Science, Technology, Research, and Advanced Capabilities Division, at (757) 501-5944, michael.d.riha.civ@mail.mil.



MARK W. ODOM
Brigadier General, U.S. Army
Director, Concept Development
and Learning

5 Encls

1. Experiment Objectives
2. Submitter's Guide
3. Quad Chart Template
4. White Paper Template
5. Experiment Timeline

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