

# Candidates for a USMC Wargame Simulation Expert(s) to support DARPA

Seeking multiple candidates (2-4)

## ➤ Responsibilities include:

- Providing subject matter expertise in rapid exploration of agile precision warfighting in a serious gaming environment, experience with warfighting functions composed from systems and plans across multiple domains, developing new tactics, systems, and doctrines.

## ➤ Additional responsibilities will include:

Proposal evaluation, program and project management, development of technical analyses, preparation of briefing materials, identification of technology gaps, technical risk management, project cost estimation, technology transfer efforts, as well as programmatic assistance, such as interacting with program performers, supporting technical reviews, attending program reviews/site visits/field tests, organizing files and documents into a historical time-line, and coordinating workshops for staff as needed.

## ➤ Required Skills

- Experience working with USMC, identifying urban mission needs, developing appropriate force composition, assessing available assets, and active management of dynamic combat situations.
- Software toolchain development
- Realistic game/simulation scenario development
- Expertise in composing multi-domain warfighting functions from interchangeable elements such as: individual Marines, platforms & subsystems and tactics
- Experience with novel game mechanics coupled to an appropriately detailed, scalable virtual world with physics, including spectrum, and realization of systems and effects.
- Familiarity with characteristics of, and TTPs for, existing systems for both blue and red teams
- Familiarity with User interface for both command and tactical level, as well as underlying ground truth

## ➤ Desired Skills

- Military systems field test and/or demonstration experience
- Wargame / simulation (red/blue) development
- End user interface development
- Excellent communication skills - both written (to include PowerPoint) and oral
- Strong organization skills with the ability to multi-task and respond to quick turn-around requests
- Previous experience with DARPA is a plus
- Proficient in Microsoft Office Suite

## ➤ Education

BS minimum, MS/PhD desired

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[Glenn.gearhard@ecs-federal.com](mailto:Glenn.gearhard@ecs-federal.com) (transitioning to this e-mail starting 1/1/17; both continue to work) 703-270-1540, ext-6025 (as of 4/10/17), different number, same extension. I will be moving offices and phone numbers to Merrifield effective 4/10/17. 2750 Prosperity Avenue, Fairfax VA 22031