

Amendment 0004
Solicitation Number ONR-BAA-15-0008
Accelerating the Development of Small Unit Decision Making (ADSUDM)

Date 26 MAR 2015

The purpose of Amendment 0004 is to: 1) respond to questions submitted prior to 18 MAR 2015; 2) under Section I, General Information, paragraph F., Research Opportunity Description, update the Objectives paragraph for Simulation Tailored Training and Assessment; and 3) extend the due date of full proposals from 31 MAR 2015 to 02 APR 2015.

1. Questions and Answers are provided as follows:

Question 1: Does the software tool need to run off a local server / network?

Answer 1: No.

Question 2: Does the software tool need to be connected to the internet?

Answer 2: No.

Question 3: What open standard and DoD mandated file formats does the end user expect to use as source data in the software tool?

Answer 3: We are not specifying any standards or formats.

Question 4: Are there other classified data formats that users will expect to use as an input to the software tool? If yes, which formats?

Answer 4: All data will be unclassified.

Question 5: What types of hardware is this software tool expected to run, and what are the hardware specifications (operating system, processor/processor speed, memory, graphics card, etc.) of those machines?

Answer 5: We expect the hardware to be commercial off the shelf (COTS) personal computer (PCs). If your solution requires specialized hardware, it should be specified in the proposal.

Question 6: The following statement appears on page 4: "The government shall seek license free Government Purpose Rights on all developed software and models and unlimited data rights on related

open model specifications and associated artifacts”. Will the Government explain the meaning of “developed software”? Can the Government be more specific in defining the terms “associated artifacts”? Will the Government provide GFI on open model specifications and associated artifacts”?

Answer 6: Developed software is software that is written using this program’s funding (under the resulting award). An artifact is one of many kinds of tangible by-products produced during the development of software. Some common examples are use cases, class diagrams, requirements documents, and software documentation. Government Furnished Information will not be provided on open model specifications and associated artifacts.

Question 7: Considering the 3 areas of the BAA: Decision Making-Learning Management (DM-LMS), Simulated Tailored Training and Assessment (ST2A), Digital and Digital Integrated Representation of Tactical Environment (DIRTE), can the vendor write to only one of the BAA areas?

Answer 7: No, the vendor can address all areas within one (1) proposal submission.

2. Under Section I, General Information, paragraph F., Research Opportunity Description, the Objectives paragraph for Simulation Tailored Training and Assessment is revised to read as follows (changes in **bold**):

Simulation Tailored Training and Assessment

ST2A software must reduce overall instructor time and effort required to identify, prepare, conduct, evaluate and report SUDM simulation-based training. Virtual Battlespace (VBS) is a target simulation-based training system for ST2A technology. The final delivery shall be VBS3 compatible. Ideally, ST2A will also work with other simulation based training platforms. The following ST2A SUDM science and technology solutions are sought:

- Automatically parse and adaptively execute and assess Marine performance based on scenario tasking passed from DM-LMS,
- Generate and execute locally created simulation-based training,
- Automate pedagogy using SUDM instructional best practices in the areas of situated tutoring techniques, biometric measurement techniques, adaptations to generate scenarios that fit student needs, and algorithms to assess the effectiveness of ongoing simulation-based training,
- Automate non-invasive, unobtrusive, and near real-time training interventions that enhance SUDM skills assessment,
- Simplify creation of enhanced situated and tailored scenario terrain and cultural features and import of DIRTE-generated terrain data bases,
- Generate after action reports (AAR) for trainer/instructor reviews and reporting to DM-LMS, and
- **Delivery of a SUDM Instructional Best Practices Guide (SIBPG) for simulation training.**

3. Under Section I, General Information, paragraph E., Response Date, is revised to read as follows:

E. Response Date –

White Papers: 02/11/2015

Full Proposals: **04/02/2015**

4. Under Section IV, Application and Submission Information, paragraph C, Significant Dates and Times is revised to read as follows:

C. Significant Dates and Times -

Event	Date	Time
White Paper Due Date	02/11/2015	4:00 PM Eastern Daylight Time
Notification of White Paper Evaluation*	03/11/2015	
Full Proposal Due Date	04/02/2015	4:00 PM Eastern Daylight Time
Notification of Selection: Full Proposals*	04/30/2015	
Awards*	10/15/2015	

**These dates are estimates as of the date of this announcement.*

NOTE: Due to changes in security procedures since September 11, 2001, the time required for hard-copy written materials to be received at the Office of Naval Research has increased. Materials submitted through the U.S. Postal Service, for example, may take seven days or more to be received, even when sent by Express Mail. Thus any hard-copy proposal should be submitted long enough before the deadline established in the solicitation so that it will not be received late and thus be ineligible for award consideration.
