

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)
CODE		FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
(Signature of person authorized to sign)	(Signature of Contracting Officer)

The purpose of this amendment is to provide answers to questions received from potential offerors.

1. Q: Given the UK Ownership, and UK staff content, would we be precluded from participating in this bid as a prime?
A: Your firm is not precluded from participating as either a prime or a subcontractor.
2. Q: Given the UK Ownership, and UK staff content, would we be precluded from participating in this bid as a subcontractor?
A: Please see answer #1
3. Q: If not, would the UK staff be allowed to participate as well as the US staff?
A: Portions of the work will require personnel eligible for a U.S. security clearance. The recipient of any technical information pertaining to the contract will be required to comply with all U.S. export control laws
4. Q: Do the timescales allow us to obtain the appropriate security clearances for staff before the work is expected to start?
A: Generally, the time required to obtain security clearances would preclude personnel who do not currently have clearances from working on those portions of the contract that require a security clearance at the onset of the contract. We cannot delay award to await security clearances.
5. Q: What restrictions are there on data protection in this project i.e. project records being held at our offices?
A: Prior to award of contract, the successful contractor will be required to have a Secret facility clearance. Any classified data under the contract would have to be stored at a facility with a Secret facility clearance.
6. Q: We do not yet have a GSA contract - would this preclude us from the bid as a prime?
A: This requirement was not issued using GSA procedures and having a GSA contract is not required to bid as a prime or subcontractor.
7. Q: I assume this would not preclude us from the bid as a subcontractor?
A: Please see answer to Question 6
8. Q: Is this RFP a truly open bid, or is there an incumbent/expected supplier on this contract?
A: There is not an incumbent supplier on this contract.
9. Q: If there is a preferred supplier, who are they?
A: There is not a preferred supplier.

10.Q: Will any part of the contract be performed on the lab?

A: Yes, some of the model development can be done at the contractor site but all integration of models will be performed at the Naval Research Laboratory.

11.Q: Require definition/clarification/context for PRA.

A: AAW Self Defense Capstone Requirements Document requires multi-threat engagements using layered, integrated hardkill/softkill defenses. Current Operational Test & Evaluation (OT&E) is severely limited in its ability to assess integrated hardkill/softkill end-to-end ship self defense performance. The Navy has established the Probability of Raid Annihilation (PRA) Assessment Process, a simulation-centric process for operational assessment of ship self defense combat system performance. This process leverages federated simulations of ship combat system elements against independent threats in common environments to augment live results and formulate an overall combat system assessment. The PRA common threat and environment (PRACTEC) Resource Enhancement Project (REP) will provide a common set of threat and natural environment representations for consistent assessment of ship self defense systems across ship classes.

12.Q: Does the Navy have a system that is currently providing this, or similar, functionality? If so, please provide system description/functionality documentation.

A: No see comments in question 11. This requirement will develop a federation of existing Navy simulations.

13.Q: Require confirmation that deliverables are limited to "subject matter expertise," and not technology.

A: This is not correct. The contractor personnel shall develop computer processes for running scenarios using HLA/RTI computer languages (Task I), Contractor shall develop high fidelity simulations representing EW systems RCS, EA and so on. (Task II). Personnel will be required to have extensive analytical backgrounds but will be required to not only provide subject matter expertise but also develop required computer code.

14.Q: Will development work lead to longer term relationship (i.e. maintenance, et al)?

A: No. Once the system is in place the intention is for existing NRL contractors/employees to maintain the system.

15.Q: Is there a limit on the number of personnel that can be designated as "key?"

A: We have no such limit.

16.Q: What other simulations/systems will be used on the proposed network?

A: Other Navy ship self defense systems will be simulated and interconnected on the network with those being developed for this effort. These simulations include combat system models, radar models, and weapon models being developed by other Navy organizations.

17.Q: Will the technical development be limited to simulation applications only, or does the Navy envision transitioning some or all capabilities into operational systems?

A: There will be no transition to operational systems. These are simulations and models only.

18.Q: Will the intended system be limited to Electronic Warfare only, or does the Navy envision a need for modeling communications?

A: There are no current plans to include communications simulations/models in this project.

19.Q: Require additional definition/clarification on the PRA test bed and processes.

A: There are numerous documents and briefings on the web. For some more background see web page at,
http://navmsmo.hq.navy.mil/file_download.cfm/FILE_N_1000133.ppt?RID=REF_N_100080&FID=FILE_N_1000133&FILENAME=FILE_N_1000133.ppt,
<http://www.nrl.navy.mil/content.php?P=02REVIEW197>,
<http://www.dtic.mil/descriptivesum/Y2005/Navy/0308601N.pdf> Under "FY03 Accomplishments".

20.Q: Will the system be interactive?

A: No, current plans are to run the simulations in a static mode.