

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES	
U	1	5

2. AMENDMENT/MODIFICATION NO. P00004	3. EFFECTIVE DATE 20-Jan-2011	4. REQUISITION/PURCHASE REQ. NO. SEE SCHEDULE	5. PROJECT NO. (if applicable)
6. ISSUED BY DARPA CMO ATTN: NATALY STUARD 3701 N. FAIRFAX DR ARLINGTON VA 22203-1714	CODE HR0011	7. ADMINISTERED BY (If other than item 6) DCMA SAN DIEGO 7675 DAGGET STREET SUITE 200 SAN DIEGO CA 92111-2241	CODE S0514A

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) GENERAL ATOMICS 3550 GENERAL ATOMICS CT SAN DIEGO CA 92121-1122	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
	X 10A. MOD. OF CONTRACT/ORDER NO. HR0011-09-C-0034
	X 10B. DATED (SEE ITEM 13) 08-Dec-2008

CODE **4V360** 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 Offer is extended, is not extended.

Offer 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 you 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 APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

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).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF by mutual agreement of the parties

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return **1** copies to the issuing office.

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

Modification Control Number: **kbarRay1325**

Pursuant to FAR 43.103(a), the purpose of this modification is to update the Program Manager, to extend the period of performance through March 31, 2012, to revise Section F-2 Reports and Other Deliverables, to incorporate H-16 Animal Studies, to incorporate DFARS 252.235-7002 Animal Welfare, and to incorporate DFARS 252.222-7006 Restrictions on the Use of Mandatory Arbitration Agreements, in accordance with Contractor request and with the Defense Appropriations Act for Fiscal Year 2010 (FY10) (Pub. L. 111-118).

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

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) (b)(7)(C) BYARIE GARNER Contracts Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) N. Tina Stuard
15B. CONTRACTOR/OFFICER (b)(6) (b)(7)(C) Marie Garner	16B. UNITED STATES OF AMERICA BY (b)(6) (b)(7)(C) N. Tina Stuard
15C. DATE SIGNED 19 JAN 11	16C. DATE SIGNED 20 Jan 11

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been modified as highlighted in bold:

1) SECTION F - DELIVERIES OR PERFORMANCE

a. The following Delivery Schedule item for CLIN 0001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
08-JUN-2010		ARMY RESEARCH OFFICE DR. ROBERT MANTZ P.O. BOX 12211 RESEARCH TRIANGLE PARK NC 27709-2211 (919) 549-4309 FOB: Destination	W911NF

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
20-FEB-2011		ARMY RESEARCH OFFICE DR. ROBERT MANTZ P.O. BOX 12211 RESEARCH TRIANGLE PARK NC 27709-2211 (919) 549-4309 FOB: Destination	W911NF

b. The following Delivery Schedule item for CLIN 0002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
08-DEC-2011		ARMY RESEARCH OFFICE DR. ROBERT MANTZ P.O. BOX 12211 RESEARCH TRIANGLE PARK NC 27709-2211 (919) 549-4309 FOB: Destination	W911NF

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
31-MAR-2012		ARMY RESEARCH OFFICE DR. ROBERT MANTZ P.O. BOX 12211 RESEARCH TRIANGLE PARK NC 27709-2211 (919) 549-4309 FOB: Destination	W911NF

c. F-1 Term of Contract

(a) The term of the basic contract commences on **December 8, 2008**, the effective date of the contract, and continues through **February 20, 2011**

(b) The period of performance for Option 1, as set forth in CLIN 0002, shall be from **March 18, 2010**, the effective date of the option exercise, through **March 31, 2012**.

(end of clause)

d. F-2 Reports and Other Deliverables

(a) Delivery of all reports and other deliverables shall be made to the addressee specified in F-3 entitled "Report Distribution" in accordance with the following:

(b)(4) Item No	Description	Date (Date from or before)
PHASE I		
1	R&D Report	20 th day of each Month (start time ADC)
2	Status Report	20 th day after prior 3-mo reporting period
3	Algal oil to JP-8 - 2-liter fuel sample	effective date + 6 months
4	Algal oil to JP-8 - 2-liter fuel sample	effective date + 9 months
5	Algal oil to JP-8 - 2-liter fuel sample	effective date + 12 months
6	Algal oil to JP-8 - 2-liter fuel sample	effective date + 15 months
7	Algal oil to JP-8 - 100-liter fuel sample	effective date + 15 months
8	Qualification Plan	March 8, 2010
9	Commercialization Plan	March 8, 2010
10	Algal Oil to JP-8 - 2-liter fuel sample	November 30, 2010
11	Final Report - Phase I	February 20, 2011
PHASE II		
12	Monthly R&D Status Reports	20 th day of each Month
13	Quarterly Status Report	20 th day after prior 3-mo reporting period
14	Algal oil to JP-8 - 16-liter fuel sample	December 31, 2010
15	Algal oil to JP-8 - 16-liter fuel sample	April 30, 2011
16	Algal oil to JP-8 - 10-liter fuel sample	June 30, 2011
17	Algal oil to JP-8 - 10-liter fuel sample	September 30, 2011
18	Algal oil to JP-8 - 4,000-liter fuel sample	December 31, 2011
19	Final Report - Phase II	March 31, 2012

(b) Fuel samples shall be shipped to Fuel Storage Bldg 400, 1790 Loop Road North, Wright-Patterson, OH 45433-7113. See Section D for special transportation requirements. The Contractor shall submit a copy of the shipping label or other document to verify shipment to the DCMA identified in Section G.

(end of clause)

e. F-3 Report Distribution

(a) US Army Research Center
Attn: **Dr. Robert Mantz, Program Manager & COR**
P.O. Box 12211
Research Triangle Park, NC 27709-2211
Phone: (919) 549-4309
Fax: (919) 549-4384
Email: robert.a.mantz@us.army.mil
(one copy each report)

(b) DARPA/STO
Attn: Patrick Bailey, ADPM
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (703) 696-5277
Fax: (703) 807-0968
Email: patrick.bailey@darpa.mil
(one copy each report)

(c) DARPA/Library
3701 North Fairfax Drive
Arlington, VA 22203-1714
Email: library@darpa.mil
(one copy of the Final Technical Report)

(d) Defense Technical Information Center

(1) Email: TR@dtic.mil
(one electronic copy of the Final Technical Report, if unclassified)

OR

(2) Attn: DTIC-BCS
8725 John J. Kingman Road, Suite 0944
Fort Belvoir, VA 22060-0944
(two hard copies of the Final Technical Report if unclassified)

(c) DARPA/CMO
Attn: Tina Stuard, Contracting Officer
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (571) 218-4621
Fax: (703) 465-1062
Email: tina.stuard@darpa.mil
(one copy each report)

(end of clause)

2) SECTION H - SPECIAL CONTRACT REQUIREMENTS

a. H-4 Key Personnel

(a) The Contractor shall notify the Contracting Officer prior to making any change in key personnel. Key personnel are defined as follows:

Dr. David A. Chazlebeck, Project Manager
Kevin W. Downey, Deputy Project Manager
Alan B. Stephens, Engineering Manager
Dr. Hal Sirekert, Subcontracts Deliverables Manager

- (1) Personnel identified in the proposal as key individuals to be assigned for participation in the performance of the contract;
- (2) Personnel whose resumes were submitted with the proposal, or
- (3) Individuals who are designated as key personnel by agreement of the Government and the Contractor during negotiations.

(b) The Contractor must demonstrate that the qualifications of the prospective personnel are equal to or better than the qualifications of the personnel being replaced. Notwithstanding any of the foregoing provisions, key personnel shall be furnished unless the Contractor has demonstrated to the satisfaction of the COR that the qualifications of the proposed substitute personnel are equal to or better than the qualifications of the personnel being replaced.

(end of clause)

b. H-16 Animal Studies

Research that involves the use of animals shall be administratively reviewed by a DoD veterinarian prior to the contractor initiating any animal research. The animal protocol letter, once it has been received by DARPA Contracts Management Office, will be incorporated as an attachment to the contract.

(end of clause)

3) SECTION I - CONTRACT CLAUSES

a. The following have been added by reference:

252.222-7006	Restrictions on the Use of Mandatory Arbitration Agreements	DEC 2010
252.235-7002	Animal Welfare	DEC 1991

(End of Summary of Changes)