AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/ PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (if applicable)</th>
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<tbody>
<tr>
<td>329</td>
<td>January 17, 2013</td>
<td>NA27344</td>
<td></td>
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<tr>
<th>6. ISSUED BY</th>
<th>7. ADMINISTERED BY (if other than Item 6)</th>
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<tbody>
<tr>
<td>U.S. Department of Energy/NNSA SC M&amp;O Contract Support Division P.O. Box 5400 Albuquerque, NM 87185-5400</td>
<td>U.S. Department of Energy/NNSA Livermore Site Office M/S L-293 7000 East Avenue Livermore, CA 94550</td>
</tr>
</tbody>
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State, and ZIP Code)

Lawrence Livermore National Security, LLC
Lawrence Livermore National Laboratory M/S L-294
7000 East Avenue
Livermore, CA 94550

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ ORDER NO.

10B. DATED (SEE ITEM 13)

CODE

FACILITY CODE

May 8, 2007

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. 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 25, 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 ACKNOWLEDGEMENT 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)

see attached

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

A. THIS CHARGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN CONTRACT/ORDER NO. IN ITEM 14A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, 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:

Clause H-19 Modification Authority, Clause I-120 changes, and Mutual Agreement

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X, 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.)

The purpose of this modification is to incorporate changes into Sections B to H as described on the following pages.

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)
P. Rosenkoetter, Director, Prime Contract Management

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED /23/13

(Signature of person authorized to sign)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronna Promani, Contracting Officer

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED /23/13

(Signature of Contracting Officer)

30-105

STANDARD FORM 30
The following changes are hereby incorporated into the contract:

1. Clause B-9999 is changed to add the funding reductions for work authorizations KB/NS50/9/ARRA-2, Rev 2 and LLNL-10-FEW180, Rev 1.

2. All other terms and conditions remain unchanged.