AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>AMENDMENT/MODIFICATION NO.</th>
<th>EFFECTIVE DATE</th>
<th>REQUISITION/PURCHASE REQ. NO.</th>
<th>PROJECT NO. (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M096</td>
<td>August 20, 2009</td>
<td>NA27344</td>
<td></td>
</tr>
</tbody>
</table>

6. ISSUED BY               CODE               7. ADMINISTERED BY (If other than Item 6)
U.S. Department of Energy/NNSA SC M&O Contract Support Division
P.O. Box 5400
Albuquerque, NM 87185-5400
U.S. Department of Energy/NNSA
Livermore Site Office M/S L-293
7000 East Avenue
Livermore, CA 94550

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.
DE-AC52-07NA27344

10B. DATED (SEE ITEM 13)
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 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 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, it 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 CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN 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 dates, 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)

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to add funding and authorization to American Recovery and Reinvestment Act of 2009, Pub. L. 111-5 (Recovery Act) WA # KB/NS50/9/ARRA-2 for $1,287,000 to clause B-9999. The work to be performed using funds obligated under this Contract and appropriated under the Recovery Act is subject to special statutory conditions under the Recovery Act. All other terms and conditions remain unchanged. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Paul Rosenkotter,
Director, Prime Contract Management

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign) 8/21/09

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronna Promani, Contracting Officer
U.S. Department of Energy/NNSA

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 8/24/09

30-105 STANDARD FORM 30
The following changes are hereby made to the Contract:

**B-9999 American Recovery and Reinvestment Act Work Values:**

Total Funds authorized including maximum available performance fee, if any, for work funded under the American Recovery and Reinvestment Act (Recovery Act).

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Funds Authorized</th>
</tr>
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<tbody>
<tr>
<td>2009</td>
<td>Work Authorization KB/NS50/9/ARRA-1: $675,000</td>
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<tr>
<td>2009</td>
<td>Work Authorization KB/NS50/9/ARRA-1 Rev 1: $75,000</td>
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<tr>
<td>2009</td>
<td>Work Authorization AT/NS50/9/ARRA-1: $728,000</td>
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<td>2009</td>
<td>Work Authorization AT/NS50/9/ARRA-1 Rev 1: $82,000</td>
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<td>2009</td>
<td>Work Authorization 09/CJ000/00/01 Rev 1: $6,000</td>
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<tr>
<td>2009</td>
<td>Work Authorization KB/NS50/9/ARRA-2: $1,287,000</td>
</tr>
</tbody>
</table>

The Contractor shall not start work funded under the Recovery Act until the Contractor receives a Work Authorization and funds are placed into the Contract. The Contractor is authorized to incur costs not to exceed the amount as stipulated under each Work Authorization, consistent with the other Contract terms and conditions, including the Work Authorization(s). Additional fee, if any, for the performance of work under the Recovery Act shall be determined by NNSA in accordance with Section B-2 and applicable NNSA policy.

No other changes are made as a result of this modification. All other terms and conditions remain unchanged.