### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>574</td>
<td>See block 16 c.</td>
<td>NA27344</td>
<td></td>
</tr>
<tr>
<td>6. ISSUED BY CODE</td>
<td>U.S. Department of Energy/NNSA SC M&amp;O Contract Support Division P.O. Box 5400 Albuquerque, NM 87185-5400</td>
<td></td>
<td>U.S. Department of Energy/NNSA Livermore Site Office M/S L-293 7000 East Avenue Livermore, CA 94550</td>
<td></td>
</tr>
<tr>
<td>7. ADMINISTERED BY</td>
<td>U.S. Department of Energy/NNSA Livermore Site Office M/S L-293 7000 East Avenue Livermore, CA 94550</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 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-019 7000 East Avenue Livermore, CA 94550

#### 9A. AMENDMENT OF SOLICITATION NO.

Lawrence Livermore National Security, LLC
Lawrence Livermore National Laboratory M/S L-019 7000 East Avenue Livermore, CA 94550

#### 9B. DATED (SEE ITEM 11)

May 8, 2007

#### 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 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 change ORDER IS ISSUED PURSUANT TO: (Specify authority)
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 _2_ copies to the issuing office.

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

See page 2.

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)

Joseph (Trey) Johnston
Director, Prime Contract Management

#### 15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

#### 15C. DATE SIGNED

11/24/15

#### 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Homer Williamson, Contracting Officer
U.S. Department of Energy/NNSA

#### 16B. UNITED STATES OF AMERICA

By (Signature of Contracting Officer)

#### 16C. DATE SIGNED

11/24/15

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30-105 STANDARD FORM 30
A. The following changes are hereby incorporated into the contract:

1. Section J, Appendix D, Key Personnel has been updated to eliminate the Key Personnel Position of Associate Director (AD) for Facilities and Infrastructure (F&I).

2. Section J, Appendix G, List of Applicable Directives is revised as follows:

<table>
<thead>
<tr>
<th>DOE Directive</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOE M 452.2 1A, Admin Chg 1</td>
<td>Deleted</td>
</tr>
<tr>
<td>DOE O 452.4C</td>
<td>Added 4C and updated the date.</td>
</tr>
<tr>
<td>DOE O 471.6, Admin Chg 2</td>
<td>Added Chg 2 and updated the date.</td>
</tr>
<tr>
<td>NNSA SD 473.3</td>
<td>Added</td>
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<tr>
<td>DOE O 474.2, Admin Chg 3</td>
<td>Added Chg 3 and updated the date.</td>
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<tr>
<td>DOE O 551.1D, Chg 1</td>
<td>Added Chg 1 and updated the date.</td>
</tr>
<tr>
<td>DOE-STD-1021-1993, Change 1</td>
<td>Deleted</td>
</tr>
<tr>
<td>DOE-STD-1022-1994, Change 1</td>
<td>Deleted</td>
</tr>
<tr>
<td>DOE-STD-1023-1995, Change 1</td>
<td>Deleted</td>
</tr>
</tbody>
</table>

B. All other terms and conditions remain unchanged.