AMENDMENT OF SOLICITATION/MODIFICATION NO. 3. EFFECTIVE DATE   A. BEQUISTION/PURCHASE REQ. NO. MODIFICATION NO. 1. S. PERSON NATIONAL NATI	EXCEPT	ION TO SF 30, APPROVED BY NARS 5/79			·····		<u> </u>
2. AMENDMENT/MODIFICATION NO.    3. EFFECTIVE DATE   1. REQUISTION/PURCHASE REQ. NO.   S. PP.						ONTRACT ID CODE	PAGE 1 OF 2
LS. Department of Energy/NNSA SC M&O Contract Support Division P.O. Box 5400 NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF CONTRACTOR (No., street, country, Shote, and ZIP Code) NAME AND ADDRESS OF	2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE 4. REQUISITION/I		PURCHA	SE REQ. NO.	5. PROJECT NO. (If applicable)
M&O Contract Support Division  Albuquerque, NM 87185-5400  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 21F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (No. street, country, State, and 22F Cold)  R. NAME AND ADDRESS OF CONTRACTOR (NO. street, country, State, and 22F Cold)  R. THIS CHARGE (NO. State	6. ISSU	JED BY CODE		7. ADMINISTERE	ED BY (If ot	her than Item 6)	иррисион
Lawrence Livermore National Security, LLC Lawrence Livermore National Laboratory M/S L-294 7000 East Avenue Livermore, CA 94550  98. DATED (SEE ITEM 11)  X  10A. MODERCATION OF CONTI COEDEN X  10B. DATED (SEE ITEM 12)  DE-ACS_070NA27544  10B. DATED (SEE ITEM 13)  May 8, 2007  The above numbered solicitation is amended as set forth in Item 14. 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 amendament tip to the bolur 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 amendament tip to the solicitation or as amended by one of the following methods (a) By completing Items 8 and 25, and returning copies of the amendament tip to By set and a sendence of the solicitation or as amended by one of the following methods (a) By completing Items 8 and 25, and returning copies of the amendament tip to the lour and the solicitation and amendment numbers. Fall UKE OF YOUR ACKNOWLED/CEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIVED OF YOUR OFFICE SPROK TO THE HOUR AND DATE SPECIFIED MAY RESLICIT IN REJECTION OF YOUR OFFICE. If by vitrue of this amendament numbers to change an ofter already submitted, such change may be made by telegram or letter, provided each telegram or letter makes retrievence to the solicitation and dist amendament, and is received prior to the opening hour and date specified.  12. ACCOUNTING AND AFFROPRIATION DATA (if required)  13. THIS THEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  13. THIS THEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  14. MODIFICATION DATA (if required)  15. THIS THE ADVENTAGE ORDER IS ISSUED PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).  16. THE ROYER NUMBERED CONTRACT/ORDER IS MODIFICATION TO THE AUTHORITY OF FAR 43.103 (b).  17. THIS CHANGE ORDER IS ISSUED PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).  18. THE ROYER SUPPLIANE ACREEMENT IS ENTIRED INT	М&О Р.О. В	Contract Support Division ox 5400		U.S. Department of Energy/NNSA Livermore Site Office M/S L-293 7000 East Avenue			
Lawrence Livermore National Security, LLC Lawrence Livermore National Laboratory M/S L-294 7000 East Avenue Livermore, CA 94550  9B. DATED (SEE ITEM 11)  X  10A. MODIFICATION OF CONTI- SEEDER NO. DE-ACS3-07Na27344 10B. DATED (SEE ITEM 11)  X  11B. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set ofth in few it. 4. The hour and date specified for receipt of Offses is extended. In not solicitation and amendment prote to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing leaves 8 and 25, and returning. CODE  11. THIS ITEM ADDITIONS The above numbered solicitation is amended as set of the in few it. 4. The hour and date specified in the solicitation or as amended by one of the following nethods: (a) By completing leaves 8 and 25, and returning. CODE of the amendment of the property of Offses is extended. Is not solicitation and amendment on each copy of the offse submitted, or (c) By separate letter or telegram which includes a reference to the solicitation and amendment unbers. FALILER CF VOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATing receipt of this amendment and is received prior to the opening hour and date specified in the solicitation and 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 CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  A THIS CHANGE CREE IS ISSUED FURSUANT TO REPORT THE ADMINISTRATIVE CHANGES (such as changes in punish general contractor). The contractor is not. X. is required to sign this document and return 2 copies to the issuing office.  2. THE SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF AR 43.103 (b).  C. THE SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF PAR 43.103 (b).  C. THE SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF PAR 43.103 (b).  C. THE SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AU	8.	NAME AND ADDRESS OF CONTRACTOR	(No., street, country, State, an	ıd ZIP Code)			OF
CODE    FACILITY CODE   DE-ACS2-07NA27344   10B. DATED (SECTION AT 13)   10B. DATE (SECTION AT 13)	Lawre 7000 E	ence Livermore National Laboratory l East Avenue					'EM 11)
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Set forth in Item 14. The hour and date specified for receipt of Offers is extended. Set forth in Item 14. The hour and date specified for receipt of Offers is extended. Set for the following methods:  (a) By completing Items 8 and 25, and returningcopies of the amendment or as amended by one of the following methods:  (a) By completing Items 8 and 25, and returningcopies of the amendment (b) By acknowledging receipt of this amendment on each copy of the offer submitted or (c) By separate letter or ledgram which includes a reference 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 RUIECTION OF YOUR OFFERE IT when 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. INTEM 10A.  14. THIS CHANGE ORDER IS ESUED PURSUANT TO. (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN CONTRACT/ORDER NO. INTEM 10A.  15. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paging of appropriation and aut. etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43-103 (b).  16. C. THIS SUPPLIEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43-103 (b).  17. C. THIS SUPPLIEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43-103 (b).  18. LANGE HALL AND ADDITION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter uf provided herein, all terms and conditions and authority, Clause I-120 changes, and Mutual Agreement  19. COTHER (Specify type of modification is to add funding and authorization to American Re					x	ORDER NO. DE-AC52-07NA2734	14
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 ex-tended. 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 litem's and 25, and returning — copies of the amendment, (b) By oschowledging receipt of this 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 vitue 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 CHANGE ORDER SPECIFIED MAY RESULT IN MODIFICATIONS OF CONTRACTS/ORDERS,  ITH MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  A. THIS CHANGE ORDER IS ISSUED PURSUANT TO. TO MODIFICATIONS OF CONTRACTS/ORDERS,  ITH MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  A. THIS CHANGE ORDER IS ISSUED PURSUANT TO. TO REPLECT THE ADMINISTRATIVE CHANGES (such as changes in paying or appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 83.103 (b).  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF.  X. 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 to feasible.)  The purpose of this modification is to add funding and authorization to American Reco	CODE		FACILITY CODE				EM 13)
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. State 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 numbers. FALLURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED ATTHE 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 (ff 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 subboring) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN CONTRACT/ORDER NO. IN ITEM 10A.  B. THE ADOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying of 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.  X. CLAUSE H-1-19 Modification Authority, Clause I-120 changes, and Mutual Agreement  D. OTHER (Specify type of modification is to add funding and authorization to American Recovery and Reinvestment of 2009 WA#: KB/NS50/9/ARRA-1 Rev 1 for \$75,000 for a total of \$750,000 in clause B-9999. The work to performed using funds obligated under this Contract and appropriated under the Recovery Act is subject to statutory conditions under the Recovery Act. All other terms and conditions remain unchanged. Except sprovided herein, all terms and cond	CODE		PACIEIT CODE			1viay 0, 2007	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter use feasible.)  The purpose of this modification is to add funding and authorization to American Recovery and Reinvestmes of 2009 WA#: KB/NS50/9/ARRA-1 Rev 1 for \$75,000 for a total of \$750,000 in clause B-9999. The work to performed using funds obligated under this Contract and appropriated under the Recovery Act is subject to s 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, remains unchanged and in full force and effect 15A. NAME AND TITLE OF SIGNER (Type or print)  Paul Rosenkoettor,  Director, Prime Contract Management  15C. DATE  SIGNED  By  By	ex-tend the follo amendr OFFER! desire t the soli 12. AG see atta	ed. Offers must acknowledge receipt of this a owing methods: (a) By completing Items 8 and ment on each copy of the offer submitted; or (a ment numbers. FAILURE OF YOUR ACKNO 5 PRIOR TO THE HOUR AND DATE SPECIFO change an offer already submitted, such chacitation and this amendment, and is received CCOUNTING AND APPROPRIATION DATA CHECK A. THIS CHANGE ORDER IS ISSUED PURS CONTRACT/ORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/appropriation data, etc.) SET FORTH IN ITEM CLause H-19 Modification Au	amendment prior to the hound 25, and returningcolors,	ar and date specified in opies of the amendment of the amendment of the price of the amendment of the price o	n the solici nt; (b) By a reference ACE DESIC FFER. If b I each teleg RACTS/O O IN ITEM ORTHINT STRATIVE 43.103 (b).	tation or as amended by cknowledging receipt of the solicitation and GNATED FOR THE RECEY virtue of this amendment or letter makes referenced by the solicitation of the same of the solicitation of the solic	one of finis CEIPT OF tent you erence to
	14. Di feasible. The p of 200 perfor statut Except a 15A. N Paul I Direct	escription of AMENDMENT/Modification is to a courpose of this modification is to a compose of this modification is to a compose of this modification is to a compose of the Modern that the second the second that the second the second that	CATION (Organized by UG add funding and auth 1 for \$75,000 for a t this Contract and ap y Act. All other term ocument referenced in Item 9A c	orization to Americal of \$750,000 opropriated under and condition or 10A, as heretofore char 16A. NAME AN print) Ronna Proman U.S. Departme	erican R in clau r the Re s remain ged, remain D TITLE Contra nt of Ene	licitation/contract subject Lecovery and Rein se B-9999. The v covery Act is subject in unchanged. Is unchanged and in full for the CONTRACTING OF acting Officer ergy/NNSA	vestment Act work to be ject to special

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).

<u>Year</u>	Total Funds Authorized
2009	Work Authorization KB/NS50/9/ARRA-1: \$675,000
2009	Work Authorization KB/NS50/9/ARRA-1 Rev 1: \$75,000
2009	Work Authorization AT/NS50/9/ARRA-1: \$728,000
2009	Work Authorization 09/CJ000/00/01 Rev 1: \$6,000

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.