2. AMENDMENT/MODIFICATION NO. A693  3. EFFECTIVE DATE (M/D/Y) See Block 16C  4. REQUISITION/PURCHASE REQ. NO. 10SC009276  6. ISSUED BY  CODE  7. ADMINISTERED BY (If other than Item 6) CODE  U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350 Richland, WA 99352  8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code)  Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA 99352  DUNS # 032987476  FACILITY CODE  The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  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 submilled; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment on each copy of the offer submilled; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment on cache copy of the offer submilled; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment number in you desire to change an offer already submirted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and amendment number or letter makes reference to the solicitation and amendment and is received prior to the opening hour and date specified.  13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACTS/ORDER NO. AS SET FORTH IN ITEM 14.	AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE PAGE OF PAGE				PAGES	
A693  See Block 18C  10SC09276  7. ADM/INSTERED BY (Fother than Rem 8) CODE  17. ADM/INSTERED BY (Fother than Rem 8) CODE  18. AMERICAN ADM/INSTERED BY (Fother than Rem 8) CODE  18. AMERICAN ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY (Fother than Rem 8) CODE  19. THE ADM/INSTERED BY						1			
B. SSUED BY  U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350 Richland, Way 99352  5. NAME AND ADDRESS OF CONTRACTOR, (No., street, county), State and ZIP code)  Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA Pacific Northwest Richland, Research Richland, Research Richland, Re				The same of the sa			ible)		
U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350 Richland, WA 99352  8. NAME AND ADDRESS OF CONTRACTOR (Mo., street, county), State and ZIP code)  Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA 99352  DUNS # 032987476  DE-ACOS-FREL01930  TOD BE-ACOS-FREL01930  TOD BE-ACOS-FREL01930  TOD BE-ACOS-FREL01930  TOD BE-ACOS-FREL01930  December 30, 1984  11. THIS ITEM APPLIES TO AMENDMENTS OF SCILICITATIONS  The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers   set exided   set of the set o	6. ISSUED BY CODE			1 1000000000000000000000000000000000000	CODI	_			
Battelle Memorial Institute Pacific Northwest Division Richland, Benton County, WA 99352  DUNS # 032887476     Discount	U.S. Department of Energy Pacific Northwest Site Office Post Office Box 350								
Pacific Northwest Division Richland, Benton County, WA 99352 DUNS # 032987476    Total Modification of Contract (Regen No. DE-AC05-76R1.01830)   108. DATE (SEE ITEM 13)   108. DATE (SEE ITEM 14)   108. DATE (SEE ITEM 13)   108. DATE (SEE ITEM 14)   108. DATE (SEE ITEM 15)   108. DATE (SEE ITEM 14)   108. DATE (SEE ITEM 15)   10	8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and ZIP code)		9A. AMENDME	NT OF S	OLICITATIO	N NO.	- 0	
DE-AC05-76RL01830    DE-AC10-76RL01830   DR. DATED (SEE ITEM 19)	Pacific Northwest Division			9B. DATED (SA	9B. DATED (SEE ITEM 11)				
CODE    FACILITY CODE   TABLE   TO AMENDMENTS OF SOLICITATIONS				10A. MODIFICA	10A. MODIFICATION OF CONTRACT/ ORDER NO.				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers   sextended,   is not extended.    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 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 15, and returning   copies of the amendment (b) By acknowledging receipt of this amendment on each cupy of the offer submitted of 10 yes spearate letter or thelegram which includes a reference to the solicitation and amendment numbers. FALLURE 67 YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE FLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE DATE AND HOUR SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFERS. If by virtue of this amendment you desite to change an offer altered submitted. Such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and amendment in you desite to change an offer altered submitted.  12. ACCOUNTING AND APPROPRIATION DATA ("Irrequised")  13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, I'T MODIFIES THE CONTRACT/ORDER NO. AS SET FORTH IN ITEM 14.	DUNS # 032987476								
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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 15, and returning	11. THIS I	TEM APPLIES TO AMEN	DMENTS OF S	SOLICITATIONS					
Submitted, of (c) by sperate letter or letegram which includes a reference to the solicitation and amendment numbers. PAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED OF PERES PRIOR TO THE DATE AND HOURS PESCHIER RESULT ON FOUND FOFER. If by virtue of this amendment you desire to change an ofter already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and 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 SET FORTH IN ITEM 14.  CHECK ONE  A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Speediv 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 ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b).  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF:  D. OTHER (Speediv type of modification and authority)  D. OTHER (Speediv type of modification and authority)  In accordance with Section I. Clause 1-160 DEAR 870.53224, "Obligation of Funds" and P.L. 111-5  E. IMPORTANT: Contractor is not, is required to sign this document and return _0_ copies to the issuing office.  14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  Obligation Notice 727  TAS::89 0336::TAS Recovery  The purpose of this contract modification is to deobligate funds from the American Recovery and Reinvestment Act of 2009 for the Office of Advanced Research Projects Agency — Energy (ARPA-E) — High Efficiency Absorption Chilling Using Novel Metal Organic Heat Carriers (Project Code 2010000). (See Continuation Page)  Except as provided herein, all terms and conditions of the document referenced in Ite	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:								
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- Tolk like 9-27-10	15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED ST			16C.	DATE S	IGNED	
	(Signature of person authorized to sign)	_	7	ph lul		9-	27-	-10	

## Block 14 "DESCRIPTION OF AMENDMENT/MODIFICATION," continued.

A. Office of Advanced Research Projects Agency – Energy (ARPA-E). This modification is issued to obligate American Recovery and Reinvestment Act (ARRA) of 2009 funds. These funds are made Office of Advanced Research Projects Agency – Energy (ARPA-E) –High Efficiency Absorption Chilling Using Novel Metal Organic Heat Carriers (Project Code 2010000).

The Recovery Act Project title is Reviewers for Office of Advanced Research Projects Agency – Energy (ARPA-E) –High Efficiency Absorption Chilling Using Novel Metal Organic Heat Carriers (Project Code 2010000). The project code that should be used to track this Recovery Act funding in the Project section of the Accounting Flex Field in STARS/IDW is 2010000.

- B. Accordingly, pursuant to Section I, Contract Clause, "Obligations of Funds" and Section B, Contract Clause, B-2, "Obligated Funds", funds in the amount of \$1,429,464.00 are hereby obligated in support of Recovery Act activities. The total amount of funds obligated under this contract since the inception is decreased from \$12,704,084,416.10 to \$12,705,513,880.10.
- C. The specific work funded by this modification is described in AY Certification Request from Headquarters and associated with the original Work Authorization Number 09/CJ000/00/01, Revision 00, titled "Office of Advanced Research Projects Agency Energy (ARPA-E) –High Efficiency Absorption Chilling Using Novel Metal Organic Heat Carriers (Project Code 2010000).
- D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the American Recovery and Reinvestment Act of 2009, Pub. L. 111-5, and as such, is subject to the special statutory conditions and the additional contractual terms and conditions that were incorporated into the contract at Modification No. A508. The funds obligated hereunder shall only be used to accomplish the work as set forth in paragraph C. above and may not be used for any other purpose without the prior written consent of the Contracting Officer.
- E. The contractor shall complete all Recovery Act Work funded by this modification in accordance with Recovery Act requirements, including the required completion dates specified therein, and by the completion date identified in the approved work authorization for the activity.
- F. All other terms and conditions remain unchanged.[A693]

(End of Contract Modification A693)