



Department of Energy

Oak Ridge Office
P.O. Box 2001
Oak Ridge, Tennessee 37831—

July 27, 2009

Mr. Michael J. Fietze, Director
Prime Contract Administration
UT-Battelle, LLC
P.O. Box 2008
Oak Ridge, TN 37831-6262

Dear Mr. Fietze:

CONTRACT NO. DE-AC05-00OR22725 - MODIFICATION NO. 230

A fully executed copy of the subject contract modification is enclosed for your retention. This modification obligates American Recovery and Reinvestment Act of 2009 funding in the amount of \$6,300,000 to the contract for EERE projects entitled "Federal Laboratory Support for Recovery Act Transactions ARRA FY09" and "WIP Recovery Act Implementation".

If you have any questions, please contact me at 576-4523.

Sincerely,

A handwritten signature in black ink that reads "Mark A. Million".

Mark A. Million
Contracting Officer

Enclosure

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 230	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 09SC005517	5. PROJECT NO. (if applicable)
6. ISSUED BY Oak Ridge U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831	CODE 00518	7. ADMINISTERED BY (if other than Item 6) Oak Ridge U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831	CODE 00518
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) UT-BATTELLE, LLC Attn: Michael J. Freitze, Director Prime Contract Administration Post Office Box 2008 OAK RIDGE TN 37831-6231		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 099114287 FACILITY CODE		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-00OR22725	10B. DATED (SEE ITEM 11) 10/18/1999

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 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 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 Page 3. Net Increase: \$6,300,000.00

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 THE ADMINISTRATIVE CHANGES (such as changes in paying office, 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	D. OTHER (Specify type of modification and authority) Clause I.143, P.L. 95-91, 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.)

Subj to Retent: N

Recovery TAS::89 0331::TAS

See Page 3.

Note: Information reflected of Page 2 is not relevant to this modification and may not be accurate. Please disregard Page 2.

Continued ...

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mark A. Million	
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>Mark A. Million</i> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 7/27/09

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC05-00OR22725/230	2	3

NAME OF OFFEROR OR CONTRACTOR
 UT-BATTELLE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	FOB: Destination Period of Performance: 04/01/2000 to 03/31/2010 Change Item 00001 to read as follows (amount shown is the total amount): Recovery TAS::89 0331::TAS - MANAGEMENT AND OPERATION OF THE OAK RIDGE NATIONAL LABORATORY - Projects Entitled "Federal Laboratory Support for Recovery Act Transactions ARRA FY09" and "WIP Recovery Act Implementation" Incrementally Funded Amount: \$9,128,434,917.97				

Block 12 “ACCOUNTING AND APPROPRIATIONS DATA,” continued.

Funds Obligated for Recovery Act Projects:

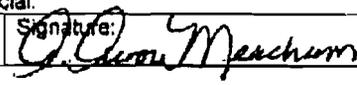
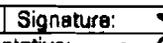
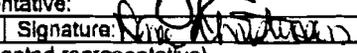
All required accounting and appropriations data, including the Treasury Accounting Symbol and Fund Code is hereby provided as Attachment 2 to this modification.

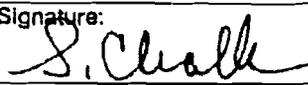
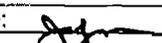
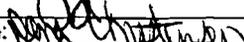
Block 14 “DESCRIPTION OF AMENDMENT/MODIFICATION,” continued.

- A. This modification is issued to obligate American Recovery and Reinvestment Act (Recovery Act) of 2009 funds in the amount of \$6,000,000 to the Work Authorization for the project entitled “WIP Recovery Act Implementation” and \$300,000 for Revision No. 4 to the Work Authorization for the project entitled “Federal Lab Support for Recovery Act Transactions ARRA FY09”.
- B. Accordingly, pursuant to Section I Contract Clause – DEAR 970.5232-4 entitled “Obligation of Funds,” additional funds in the amount of \$6,300,000 are hereby obligated in support of Recovery Act activities. The total amount of funds obligated under this contract since its inception is increased from \$9,513,482,839.60 to \$9,519,782,839.60.
- C. The specific Contractor Recovery Act Statement of Work, Milestones, Outcomes and Measures, and Deliverables funded by this modification are identified in the following referenced Work Authorization(s):

Work Authorization Number	Work Authorization Title
WA No. 470002-20476-09 (Revision No. 4) (Attachment 1A)	Federal Lab Support for Recovery Act Transactions ARRA FY09
WA No. WI-470002-20443-09 (Attachment 1B) (Number from Block 8 of the Work Authorization)	WIP Recovery Act Implementation

- D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the Recovery 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 are listed in section E below and previous contract modifications related to the Recovery Act. The funds obligated hereunder shall only be used to accomplish the work as set forth in section 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.

U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION			
1a. Solicitation/Project Title: Federal Laboratory Support for Recovery Act Transactions ARRA FY09		1b. Work Proposal Number (if applicable): FWP# 999999999	
2. Headquarters Program Point of Contact Name: Thomas Heavey Organization Code: EE-3B Telephone No: (202) 586-4501			
3. Headquarters Budget Point of Contact: Name: Thomas Heavey Organization Code: EE-3B Telephone No: (202) 586-4501			
4. Responsible Program: Office of Energy Efficiency and Renewable Energy		5. Responsible Secretarial Officer: Steve Chalk	
6. Responsible Field Element: Oak Ridge Operations Office			
7a. Site and Facility Management Contractor: University of Tennessee - Battelle (Oak Ridge National Laboratory)		7b. Contractor Point of Contact: Name: Michaela Martin Telephone No: (865) 574- 8888	
8. Work Authorization Number: * -470002-20476-09		9. Revision Number: 4	
10. Funds Authorized during FY 2009 :			
<u>B&R Code</u>	<u>Previous</u>	<u>Change</u>	<u>Current</u>
EB5100000-05794- 1005098	\$400,000	\$300,000	\$700,000
11. Performance period covered by funds: From: 7/13/2009 To: 9/30/2009		12. Work Start Date: 7/13/2009	13. Expected Completion Date: 9/30/2009
14. Statement of Work: Funding in the amount of \$300,000 is authorized for Program Direction. These funds are made available for Project #20476 - Federal Laboratory Support for Recovery Act Transactions ARRA FY09. These funds are to be distributed to Agreement # 19096-ORNL Support for ARRA Transactions in accordance with FWP# 999999999. Agreement: 19096: ORNL Support for ARRA Transactions. ORNL will provide direct Technical Assistance to the Energy Efficiency Conservation Block Grant (EECBG) Recovery Act recipients including assisting with developing and planning energy efficiency conservation strategies and plans, and project activity sheets in preparation for submitting applications. The Project Code for this activity is 2004040. Funding provided in this work authorization is not approved for obligation of any type of support service contract either as a prime or subcontract award. The laboratory recipient of the funds is responsible for reporting all funding obligations and costs to headquarters. The laboratory recipient must maintain obligations and cost data at the agreement level and the data must be made available to EERE.			
15. Reporting Requirements: (Status reports, scientific or technical information or similar)			
16. Work Authorization Program Official:			
Name (typed): A. Avon Meacham, Director OPBA	Signature: 	Date: 7/13/09	
17. DOE Field Organization Official:			
Name (typed): John	Signature: 	Date: 7/13/09	
18. Contractor's Authorized Representative:			
Name (typed): Dana Christensen	Signature: 	Date: 17 July 2009	
19. DOE Contracting Officer (or delegated representative)			
Name (typed): Mark A. Miller	Signature: 	Date: 7/14/09	
* The work authorization number will consist of the program code, AFP code, solicitation/project id and the fiscal year.			

U.S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION			
1a. Solicitation/Project Title: WIP Recovery Act Implementation		1b. Work Proposal Number (if applicable): FWP# 999999999	
2. Headquarters Program Point of Contact: Name: James Childs Organization Code: EE-2K Telephone No: (202) 588-2337			
3. Headquarters Budget Point of Contact: Name: Jay Schell Organization Code: Telephone No: (202) 586-0660			
4. Responsible Program: Office of Energy Efficiency and Renewable Energy		5. Responsible Secretarial Officer: Steve Chalk	
6. Responsible Field Element: Oak Ridge Operations Office			
7a. Site and Facility Management Contractor: University of Tennessee - Battelle (Oak Ridge National Laboratory)		7b. Contractor Point of Contact: Name: Joel Eisenberg Telephone No: (202) 479-0439	
8. Work Authorization Number: * WI-470002-20443-09		9. Revision Number: 0	
10. Funds Authorized during FY 2009 :			
B&R Code	Previous	Change	Current
WI0702000-05797-1004760	\$0	\$6,000,000	\$6,000,000
11. Performance period covered by funds: From: 10/1/2008 To: 9/30/2009		12. Work Start Date: 10/1/2008	13. Expected Completion Date: 9/30/2009
14. Statement of Work: Funding in the amount of \$6,000,000 is authorized for Weatherization Training & Technical Assistance. These funds are made available for Project #20443 - WIP Recovery Act Implementation. These funds are to be distributed to Agreement # 19115-ORNL Weatherization Assistant Enhancement ARRA Activities 2009 in accordance with FWP# 999999999. The purpose of this expansion is to satisfy the anticipated increased need for training support by the weatherization community in response to the increased requirements under the American Recovery and Reinvestment Act (ARRA). The Project Code for this Activity is 2004360. The expanded training would include new and existing participants in the weatherization program. The areas covered would include, but not limited to, the expanded requirements, processes, procedures, software, and techniques all of which are undergoing enhancement on a dynamic basis. Funding provided in this work authorization is not approved for obligation of any type of support service contract either as a prime or subcontract award. The laboratory recipient of the funds is responsible for reporting all funding obligations and costs to headquarters. The laboratory recipient must maintain obligations and cost data at the agreement level and the data must be made available to EERE.			
15. Reporting Requirements: (Status reports, scientific or technical information or similar) Reporting must comply with the requirements set out in the ARRA.			
16. Work Authorization Program Official:			
Name (typed): Steven Chalk, Principal Deputy Assistant Secretary	Signature: 	Date: 6/11/09	
17. DOE Field Organization Official:			
Name (typed): John	Signature: 	Date: 7/9/09	
18. Contractor's Authorized Representative:			
Name (typed): D.C. CHRISTENSEN	Signature: 	Date: 13 July 2009	
19. DOE Contracting Officer (or delegated representative)			
Name (typed): Mark A. Mullon	Signature: 	Date: 6/22/09	
* The work authorization number will consist of the program code, AFP code, solicitation/project id and the fiscal year.			

Training and Technical Assistance

Upgrade And Expand The Capabilities Of The Weatherization Assistant Audit Tool

Oak Ridge National Laboratory will undertake a comprehensive upgrade and expansion of the Weatherization Assistant Audit Package in order to expand the range of the housing stock to which the audit instruments can be applied; incorporate newly emerged technologies into the audits; develop, test, and deploy a comprehensive data management and reporting framework to facilitate future performance assessment and program management; restructure the package for deployment using a web-based format; develop and deploy web-based and other computerized training instruments as well as perform in-person group trainings to facilitate expanded training of weatherization workers due to the American Reinvestment and Recovery Act; and provide modifications that help insure appropriate use of Weatherization resources for health-and-safety and other societal benefits.

ORNL will give immediate priority to developing the web-based and other computerized training instruments and opportunities to assist in training new workers under the Recovery Act as well as deploy staff as required to meet Weatherization Program training needs for this purpose through train-the-trainer, webinar, and direct group training opportunities. It will develop a client-server based model for the program to facilitate ease of use, modification, and control by means of the internet, and it will develop an alpha version of a small multifamily audit and plan for expansion of the package to incorporate a large multifamily audit tool. ORNL will also survey new field-ready technologies and modify the audit instruments as necessary for ease of deployment of these technologies in the next version of the audit package. It will also explore and plan for the development of a simplified user interface for use by the broader residential energy efficiency community as well as incorporation of appropriate Energy Plus components into the Weatherization Assistant calculation engines.

ORNL will follow these immediate tasks by completing, testing, and validating a beta version of the small multifamily audit, developing and testing alpha and beta versions of a large multifamily audit, deploying and field testing the management information system modifications, incorporating, testing, and deploying the Energy Plus calculation engine modifications, and

develop a computerized instrument to facilitate the generation of audit-based priority lists by the Weatherization grantees. ORNL will modify and further expand the necessary web-based and computer-based training instruments to facilitate the use of the newly developed multifamily and new technology components into the Weatherization Assistant as well as deploy personnel for in-person training on these new tools. ORNL will also develop and deploy a societal benefit module as part of the Weatherization Assistant package as well as field test a simplified user interface.

Task	Start Date	Completion Date	Cost
Provide expanded training support			\$865k
Develop plan	June 2009	July 2009	\$30k
Develop web-based training	June 2009	March 2010	\$500k
Provide centralized intensive trainings	July 2009	December 2010	\$125k
Train-the-trainer	July 2009	December 2010	\$85K
Provide webinar trainings	July 2009	December 2010	\$125k
Develop a client-server application	June 2009	October 2009	\$200k
Expand the information management capabilities			\$590k
Develop plan	June 2009	September 2009	\$30k
Modify WA	June 2009	November 2009	\$200k
Technical assistance	August 2009	October 2010	\$160k
Field Test	December 2009	June 2010	\$200k

Automate the development of priority lists	June 2009	December 2009	\$125k
Replace the energy calculation engine			\$275k
Perform assessment	November 2009	February 2010	\$75k
Replace engine-TBD	April 2010	October 2010	\$200k
Upgrade for new technologies			\$505k
Survey and analysis	October 2009	February 2010	\$50k
Modify Algorithms	March 2010	May 2010	\$280k
Modify interface	May 2010	July 2010	\$175k
Develop a simplified user interface			\$130k
Perform assessment	June 2009	October 2009	\$30k
Create interface-TBD	September 2009	November 2009	\$100k
Develop Large Multifamily Audit			\$1075k
Develop Alpha Version	August 2009	May 2010	\$300k
Develop Beta Version	June 2010	December 2010	\$250k
Field Test Beta Version	January 2011	June 2011	\$125k
Validate and Deploy	January 2011	December 2011	\$400k
Develop Small Multifamily Audit			875k
Develop Beta Version	August 2009	January 2010	\$250

Field Test Beta Version	February 2010	July 2010	\$225
Validate and Deploy	February 2010	December 2010	\$400
Develop The Societal Benefits Module			\$775k
Develop Alpha Version	August 2009	May 2010	\$200k
Develop Beta Version	June 2010	December 2010	\$250k
Field Test Beta Version	January 2011	June 2011	\$125k
Validate and Deploy	January 2011	December 2011	\$200k
Modify and Upgrade Training Support for New Instruments			\$585k
Upgrade web-based training	ongoing		\$250k
Provide centralized intensive trainings	ongoing		\$125k
Train-the-trainer	ongoing		\$85k
Provide webinar trainings	ongoing		\$125k
TOTAL:			\$6,000k

Financial Plan Number: 5
 Contract Modification Number: 230
 Rpt Entity: OR OR3/OR4 - Oak Ridge National Lab, X-10, UT-Battelle

Fiscal Year: 2009
 Fiscal Month: 10

Financial Plan Report - Detail

Site: OR

Page 1 of 1
 Report: RFP0001

OR22725 - UT-BATTELLE (RECOVERY ACT - 8909/100331)

Report Generated on: July 22, 2009 at 05:12:02 PM

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	Previous	BA Change	Revised	Total Available
470002	05794	ZT	1005098	EB5100000	25400	0473100	2004040	0000000		0.00	400,000.00	300,000.00	700,000.00	700,000.00
<i>AY 2009 - Work Authorization Number 470002-20476-09</i>														
Total for Program Parent/Control Point: EB5100000										0.00	400,000.00	300,000.00	700,000.00	700,000.00
Total for Fund Type: ZT										0.00	400,000.00	300,000.00	700,000.00	700,000.00
470002	05797	ZW	1004760	WI0702000	25400	0000000	2004360	0000000		0.00	5,800,000.00	6,000,000.00	11,800,000.00	11,800,000.00
<i>AY 2009 - Work Authorization Number: WI-470002-18777-09; Appropriation Symbol: 8909/100331 - \$5.8M</i>														
<i>Work Authorization Number: WI-470002-20443-09; Appropriation Symbol: 8909/100331 - \$6.0M</i>														
Total for Program Parent/Control Point: WI0702000										0.00	5,800,000.00	6,000,000.00	11,800,000.00	11,800,000.00
Total for Fund Type: ZW										0.00	5,800,000.00	6,000,000.00	11,800,000.00	11,800,000.00
Total for Recipient Code: OR										0.00	6,200,000.00	6,300,000.00	12,500,000.00	12,500,000.00
Total for Reporting Entity: 470002										0.00	6,200,000.00	6,300,000.00	12,500,000.00	12,500,000.00
Total for OR22725 - UT-BATTELLE (RECOVERY ACT - 8909/100331)										0.00	6,200,000.00	6,300,000.00	12,500,000.00	12,500,000.00