

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 070		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 09SC005412	
5. PROJECT NO. (If applicable)		6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)	
OAK RIDGE U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831		00518		OAK RIDGE U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831	
8. NAME AND ADDRESS OF CONTRACTOR (No. , street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
OAK RIDGE ASSOCIATED UNIVERSITIES, INC. P.O. BOX 117 OAK RIDGE TN 37830-6218		(x)		-	
CODE 041152224		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-06OR23100	
				10B. DATED (SEE ITEM 11) 12/21/2005	

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) Net Increase: \$1,560,000.00

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 Clause I.72, P.L. 95-91, and P.L. 111-5
X	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:
	D. OTHER (Specify type of modification and authority)

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 0253

See Page 3.

Page 2 is for information only and does not represent any changes other than those detailed in Pages 3-4.

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)	
		Mary L. Crow	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	07/17/2009

<b>CONTINUATION SHEET</b>	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
	DE-AC05-06OR23100/070	2	4

NAME OF OFFEROR OR CONTRACTOR  
 OAK RIDGE ASSOCIATED UNIVERSITIES, INC.

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00001	FOB: Destination Period of Performance: 01/01/2006 to 12/31/2010  Change Item 00001 to read as follows (amount shown is the total amount):  TECHNICAL SERVICES TO MANAGE AND DIRECT THE PROGRAMS OF ORISE Line item value is: \$746,872,723.00 Incrementally Funded Amount: \$681,376,196.11				746,872,723.00

**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 1 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 for the purpose of technical support for independent characterization and verification of projects performed under the American Recovery and Reinvestment Act (ARRA).

B. Funds in the amount of \$1,560,000.00 are hereby obligated in support of Recovery Act activities. Clause B.4 Obligation of Funds paragraph (a) is revised as follows:

“Pursuant to the clause in Section I, FAR 52.232-22 entitled “Limitation of Funds,” total funds in the amount of \$681,376,196.11 are obligated herewith and made available for payment of allowable costs and maximum fee to be incurred from the effective date of this contract through the period estimated to end December 31, 2010.”

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 (provided as Attachment 2 to this modification):

<b>Work Authorization Number</b>	<b>Work Authorization Title</b>
FD04029/OR/36	Characterization, Verification and Technical Support to ORO Environmental Management in support of the Defense ARRA Work at the Y-12 National Security Complex (Project Code 2002100)

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 identified in Modifications 063 and 065. 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. In accordance with Clause H.40, Modification Definitization, which was incorporated into the contract by Modification 065, the contractor shall promptly begin negotiating with the Contracting Officer the terms of a definitive modification for the Recovery Act work directed under this modification.

G. All other terms and conditions remain unchanged.

(End of Standard Form 30)

Financial Plan Number: 2  
 Contract Modification Number: 070  
 Rpt Entity: OR Oak Ridge Associated Universities

Fiscal Year: 2009  
 Fiscal Month: 10

## Financial Plan Report - Detail

Site: OR

Page 1 of 1  
 Report: RFP0001

OR23100 - ORISE (RECOVERY ACT - 8909/100253)

Report Generated on: July 16, 2009 at 01:46:53 PM

Rpt Entity	Fund Code	Leg FT	Legacy Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	Previous	BA Change	Revised	Total Available
470009	06049	EZ	1111375	FD0411000	25400	0473044	2002100	0000000		0.00	0.00	260,000.00	260,000.00	260,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Alpha 5 project at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473045	2002100	0000000		0.00	0.00	260,000.00	260,000.00	260,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on West End Mercury Area Project at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473046	2002100	0000000		0.00	0.00	260,000.00	260,000.00	260,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Beta 4 project at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473047	2002100	0000000		0.00	0.00	260,000.00	260,000.00	260,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Salvage Yard Project at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473049	2002100	0000000		0.00	0.00	130,000.00	130,000.00	130,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Filter House D&amp;D project (Bldg 9206) at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473050	2002100	0000000		0.00	0.00	260,000.00	260,000.00	260,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Biology Complex project at Y-12.</i>														
470009	06049	EZ	1111375	FD0411000	25400	0473057	2002100	0000000		0.00	0.00	130,000.00	130,000.00	130,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002100. Assistance on Bldg 9735 D&amp;D project at Y-12.</i>														
Total for Program Parent/Control Point: FD0411000										0.00	0.00	1,560,000.00	1,560,000.00	1,560,000.00
470009	06049	EZ	1111376	FD0412000	25400	0473055	2002101	0000000		0.00	753,000.00	0.00	753,000.00	753,000.00
<i>AY 2009 - Funding Authorization dated 4/20/2009, Appropriation 89-09/10-0253 Defense Environmental Cleanup, Project Code 2002101.</i>														
Total for Program Parent/Control Point: FD0412000										0.00	753,000.00	0.00	753,000.00	753,000.00
Total for Fund Type: EZ										0.00	753,000.00	1,560,000.00	2,313,000.00	2,313,000.00
Total for Recipient Code: OR										0.00	753,000.00	1,560,000.00	2,313,000.00	2,313,000.00
Total for Reporting Entity: 470009										0.00	753,000.00	1,560,000.00	2,313,000.00	2,313,000.00
Total for OR23100 - ORISE (RECOVERY ACT - 8909/100253)										0.00	753,000.00	1,560,000.00	2,313,000.00	2,313,000.00

**U.S. DEPARTMENT OF ENERGY  
CONTRACT WORK AUTHORIZATION**

1a. Project Title: Characterization, Verification and Technical Support to ORO Environmental Management in support of the Defense ARRA Work at Y- 12 National Security Complex (Project Code 2002100)		1b. Work Proposal Number (if applicable): NA	
2. ORO EM Program Point of Contact. Name: J. T. Howell Organization Code: EM-90 Telephone No.: 865-574-3981			
3. ORO EM Budget Point of Contact. Name: T. T. Blaine Organization Code: FM-72 Telephone No.: 865-576-5150			
4. Responsible Program: Environmental Management - Defense		5. Responsible Secretarial Officer: Environmental Management	
6. Responsible Field Organization: Oak Ridge Office			
7a. Site and Facility Management Contractor: Oak Ridge Institute for Science and Education Oak Ridge Associated Universities		7b. Contractor Point of Contact. Name: S. J. Roberts Telephone No.: 865-241-8893	
8. Work Authorization Number: FD04029/OR/36		9. Revision Number: 0	
10. Funds Authorized (\$ in thousands). B&R Code: FD0411000 Previous: \$0.00 Change: \$1,560 Current: \$1,560			
11. Performance Period Covered by Funds. From: 5/1/09 To: 9/30/11		12. Work Start Date: 5/2009	13. Expected Completion Date: 9/2011
14. Statement of Work:  This Work Authorization is issued for the sole purpose of authorizing work in support of the American Recovery and Reinvestment Act of 2009, (Pub. L. 111-5) (Recovery Act). All contract terms and conditions apply to the work identified herein, in particular contract provision H.39 applies. The work described in this work authorization shall be performed using funds obligated under the contract, appropriated under the Recovery Act and as such is subject to special statutory conditions.  The Office of Science (SC) is committed to conducting all work authorized herein, in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public, and the environment is a direct and individual responsibility of all SC managers and SC-supported contractors. Funds provided by ORO EM to SC contractors will be applied as necessary to ensure that all supported activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this manner will be supported.  <u>Specific Recovery Act Statement of Work:</u>  Attachment A, Contractor Recovery Act Performance Requirements, identifies the Contractor Recovery Act Schedule or Milestones, Performance Outcomes and Measures, and Deliverables for this work authorization. The contractor's performance will be evaluated under the Office of Science laboratory appraisal process with input from Environmental Management.  ORAU, under its contract with DOE ORO, will provide independent reviews of the Y-12 team developing waste handling plans, associated sampling and analysis plans, and waste profiles. ORAU will also perform technical reviews of the site contractor's implementation of approved characterization programs. The scope of technical support and validation includes legacy material, building materials and debris, and other materials, such as soil, concrete, etc. as needed to support the disposition of materials to the Environmental Management Waste Management Facility. ORAU activities will include document reviews, field observations, participation in management assessments (as requested), and assistance with development of draft/final plans and reports. ORAU will work with B&W Y-12 to ensure that reviews are timely and integrated with the schedule determined by B&W Y-12 under each subproject. ORAU may also perform independent field measurements and sampling as requested by DOE ORO or NNSA.  A description of the ORAU subproject-specific tasks is provided below.			

Professional Level Health Physics support for independent reviews of Waste Handling Plans and associated characterization documentation

Support divided equally between the following subprojects:

- |   |        |
|---|--------|
| 1) Alpha-5 Legacy Material Disposition Project                  | \$260K |
| 2) Beta-4 Legacy Material Disposition Project                   | \$260K |
| 3) Biology Complex D&D Project                                  | \$260K |
| 4) 9735 and 9206 Filter House D&D Project                       | \$260K |
| 5) West End Mercury Area (WEMA) Storm Sewer Remediation Project | \$260K |
| 6) Y-12 Salvage Yard Scrap Removal Project                      | \$260K |

The funding recipient in the Work Authorization is responsible for meeting all reporting requirements established by the Department of Energy for activities funded by the American Recovery and Reinvestment Act of 2009.

15. Reporting Requirements (Status reports, scientific and technical information or similar):

The recipient of funding in this Work Authorization is responsible for meeting all reporting requirements established by the Department of Energy for activities funded by the American Recovery and Reinvestment Act of 2009.

16. Work Authorization Program Official.

Name (typed): J. T. Howell

Signature: *J. J. Howell*

Date: 6/26/09

17. DOE Field Organization Official. *DOE*

Name (typed): Michele G. Branton

Signature: *M. G. Branton*

Date: 6/7/09

18. Contractor's Authorized Representative.

Name (typed): Eric W. Abelquist

Signature: *E. W. Abelquist*

Date: 7/6/09

19. DOE Contracting Officer (or delegated representative).

Name (typed): Mary Lou Crow *Barbara J. Jackson*

Signature: *Barbara J. Jackson*

Date: 7/7/09

## ATTACHMENT A – CONTRACTOR RECOVERY ACT PERFORMANCE REQUIREMENTS

### **Section A: Contractor Recovery Act Schedule or Milestone Requirements**

Support development and submittal of Waste Handling Plans, associated sampling and analysis plans, and waste profiles. Review contractor implementation of approved characterization programs. 9/30/2011

### **Section B: Contractor Recovery Act Performance Outcomes and Measures**

Complete characterization and independent validation of contractor programs according to schedule.

### **Section C: Contractor Recovery Act Deliverables**

Waste handling plans for all facilities as requested by task manager.  
Independent validation reports for those facilities as requested by task manager.