

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 4
2. AMENDMENT/MODIFICATION NO. 067	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 09SC003139	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) OAK RIDGE ASSOCIATED UNIVERSITIES, INC. P.O. BOX 117 OAK RIDGE TN 37830-6218		(x) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-06OR23100	
		10B. DATED (SEE ITEM 11) 12/21/2005	
CODE 041152224	FACILITY CODE		

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: \$285,000.00

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

CHECK ONE X	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
	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

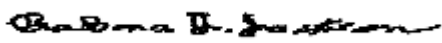
Recovery TAS::89 5657

See Page 3.

Page 2 is for information only and does not represent any changes other than those detailed in Page 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) Barbara J. Jackson		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 06/08/2009

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC05-06OR23100/067

PAGE	OF
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: \$668,809,407.83				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 \$285,000.00 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 \$668,809,407.83 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):

Work Authorization Number	Work Authorization Title
FF/01019/OR/36	Characterization, Verification and Technical Support of ARRA Work at the ETTP K-27 Building (Project Code 2002210)

- 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: 1

Fiscal Year: 2009

Contract Modification Number: 067

Fiscal Month: 09

Rpt Entity: OR Oak Ridge Associated Universities

Financial Plan Report - Detail

Site: OR

Page 1 of 1

Report: RFP0001

Report Generated on: June 5, 2009 at 11:18:39 AM

OR23100 - ORISE (RECOVERY ACT - 8909/105657)

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	BA			Total Available
											Previous	Change	Revised	
470009	05998	VY	1111362	FF0110000	25400	0473042	2002210	0000000		0.00	0.00	285,000.00	285,000.00	285,000.00
<i>AY 2009 - Per Funding Authorization dated 4/20/09, Appropriation 89-09/10-5657 Uranium Enrichment D&D Fund, Project Code 2002210. Characterization and Verification in Support of ARRA Work at the ETPP K-27 Building.</i>														
Total for Program Parent/Control Point: FF0100000										0.00	0.00	285,000.00	285,000.00	285,000.00
Total for Fund Type: VY										0.00	0.00	285,000.00	285,000.00	285,000.00
Total for Recipient Code: OR										0.00	0.00	285,000.00	285,000.00	285,000.00
Total for Reporting Entity: 470009										0.00	0.00	285,000.00	285,000.00	285,000.00
Total for OR23100 - ORISE (RECOVERY ACT - 8909/105657)										0.00	0.00	285,000.00	285,000.00	285,000.00

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 by the Office of Environmental Management.

ORISE staff will perform the following tasks as directed by DOE

- **General Technical and Health Physics/Nuclear Engineering Support**

ORISE will provide full-time support to DOE ORO for an independent technical review of the data quality objectives (DQO) process for the K-27 building in the areas of criticality safety (including criticality incredibility criteria), non-destructive assay, document review, data review and evaluation of project records (including assistance in the evaluation of the confidence and completeness of the existing data), project management technical support, evaluation of the process for demonstrating meet appropriate WAC for EMWMF and/or NTS, and other activities related to this task as requested by DOE.

The task will require periodic travel to the ETTP site to interview personnel affiliated with the demolition of the K-27 building as it impacts criticality safety issues; review historical radiological screening and NDA measurements; conduct routine site walk-downs and visual inspections of impacted areas; and observe and critique the radiological screening process (e.g., collection and recording of building radiological measurements) and characterization approach. ORISE will also assist in the review of contractor's approach for demonstrating that waste materials planned for disposition at the Environmental Management Waste Management Facility (EMWMF) meet the applicable waste acceptance criteria (WAC).

- **Ongoing QA Oversight**

As requested by DOE ORO, ORISE will provide ongoing quality assurance oversight of BJC's implementation of activities cited in the task above. This task may consist of informal document or data reviews, and/or formal audit/assessment support. As needed, this will include ORISE-subcontracted staff with the requisite working knowledge. ORISE and/or its approved subcontractor will prepare its component of the required audit report.

Due to the nature of these tasks, ORISE will work with the DOE ORO and the ORISE Safeguards and Security department to ensure sensitive (e.g., "official use only") materials are handled in accordance with applicable policies and procedures.

- **Independent Field Verification of Criticality Incredible and Waste Characterization Results**

ORISE will develop a Project-Specific Plan (PSP) to include the IV DQOs for the K-27 Building. The plan will describe a phased approach to evaluate the quantity and quality of the contractor's radiological data collected to satisfy both the criticality incredible and the EMWMF acceptance criteria. The IV will be designed to validate the contractor's assumptions related to contaminants of concern for given areas (piping and structural surfaces), level of uranium enrichment, and presence or absence of other interfering isotopes (Tc-99, natural uranium, etc.). Subtasks may include the following:

- ❖ Development of PSP to address IV DQOs

- ❖ HMS4 detector and software modifications (as applicable)
- ❖ Calibration and set-up of *In-Situ* Object Counting System (ISOCs) to determine area-specific level of uranium enrichment
- ❖ Radiochemical analysis of five-percent (approximately 100) of contractor collected pipe samples for inter-laboratory comparison
- ❖ Structural surface scans and direct measurements for alpha and beta activity in judgmentally selected locations to identify and quantify Tc-99 surface activity levels
- ❖ Radiochemical analysis of (approximately 100) structural samples to identify and quantify Tc-99 concentrations
- ❖ Scans and HMS4 measurements in ten percent of the process gas piping (PGP) cells

The scope of work to be supported by this work authorization is as follows:

K-27 Demolition Ready

(Attach a detailed description of work to be performed or reference to a work proposal, project plan, or similar document that describes the scope of work, milestones, deliverables, and performance measures/expectations.)

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

16. Work Authorization Program Official

Name (typed): J. T. Howell	Signature: <i>J. J. Howell</i>	Date: 6/3/09
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17. DOE Field Organization Official:

Name (typed): Michele G. Branton	Signature: <i>M. G. Branton</i>	Date: 6-4-09
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18. Contractor's Authorized Representative.

Name (typed): Eric W. Abelquist	Signature: <i>Eric W. Abelquist</i>	Date: 6/4/09
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19. DOE Contracting Officer (or delegated representative).

Name (typed): Mary Lou Crow	Signature: <i>Mary Lou Crow</i>	Date: 6/4/09
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* The revision number will consist of a 2-digit program identifier, 4-digit sequential number, and the last digit of the fiscal year.

ATTACHMENT A – CONTRACTOR RECOVERY ACT PERFORMANCE REQUIREMENTS

Section A: Contractor Recovery Act Schedule or Milestone Requirement

Complete independent validation of contractor programs

Section B: Contractor Recovery Act Performance Outcomes and Measures

Complete independent validation of contractor programs according to schedule

Section C: Contractor Recovery Act Deliverables

Independent Validation reports for facilities as requested by task manager