

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 407	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	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 13) 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)

See Schedule

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.
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:
X	D. OTHER (Specify type of modification and authority) 970.5204-2 Laws, Regulations, and DOE Directives

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.)

Tax ID Number: 62-0476816

DUNS Number: 041152224

Technical Services for Management of the Oak Ridge Institute for Science and Education

The contract is modified as follows:

- Requirements Change Notice ORAU-25 is deleted in its entirety and replaced with Requirements Change Notice ORAU-26 (Attachment 1).
- Work Authorization Number FD/04010/OR/36 Revision 2 is deleted in its entirety and replaced with Revision 3 (Attachment 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) Mary L. Crow	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer)	16C. DATE SIGNED 09/07/2012

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC05-06OR23100/407PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
OAK RIDGE ASSOCIATED UNIVERSITIES, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	3. Work Authorization Number FD/04029/OR/36 Revision 7 is deleted in its entirety and replaced with Revision 8 (Attachment 3). Period of Performance: 01/01/2006 to 12/31/2015				

Attachment 1

DOE Form (04/1991)		No.: ORAU-26
U.S. Department of Energy REQUIREMENTS CHANGE NOTICE		Page 1 of 9 Pages
PROJECT: Contract Baseline Documentation		LOCATION: Oak Ridge, Tennessee
CONTRACTOR: Oak Ridge Associated Universities (ORAU)		
CONTRACT NO.: DE-AC05-06OR23100, I.105, Laws, Regulations, and DOE Directives, DEAR 970.5204-2		DATE OF CONTRACT: January 1, 2006
<p>This Requirements Change Notice (RCN) No. ORAU-26 incorporates into Section J, Attachment D, of Contract No. DE-AC05-06OR23100, the attached list of applicable documents which have been assessed against the terms and conditions of the subject contract in accordance with the above referenced clause. This is a complete numbered list of administrative requirements and a representation of environment, safety, and health (ES&H) requirements. Information regarding ES&H-related directives and their applicability can only be obtained from the WSS set. ES&H-related directives in the WSS set are italicized in Section J, Attachment D. Changes to Section J, Attachment D, are indicated by bold type. Below is a list of the directives incorporated herein:</p> <p>ADDITIONS: None</p> <p>DELETIONS: None</p> <p>IMPLEMENTATION PLAN DOE O 243.1A, Implementation Plan submitted</p> <p>UPDATES None</p>		
DOE AUTHORIZING SIGNATURE: <i>M. G. Branton</i> Michele G. Branton, Contracting Officer's Representative		DATE: 9-5-2012

OUTLINE OF CHANGES

RCN No. ORAU-26
Page 2 of 9 Pages

REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	AUTHORIZATION
DOE O 243.1A <i>Implementation plan submitted 05/17/2012</i>	11/07/2011	RECORDS MANAGEMENT PROGRAM		ORAU ltr dtd 05/17/2012

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE O 130.1	09/29/1995	BUDGET FORMULATION PROCESS		Expiration date extended to 05/01/2003 by DOE N 251.45.
DOE O 137.1A	08/30/1999	PLAN FOR OPERATING IN THE EVENT OF A LAPSE IN APPROPRIATIONS		
DOE O 142.3A	10/17/2010	UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM		
DOE O 150.1	05/08/2008	CONTINUITY PROGRAMS		
Compliance: Revised Implementation plan approved on 02/15/2011.				
DOE O 151.1C	11/02/2005	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM		
DOE O 153.1	06/27/2007	DEPARTMENTAL RADIOLOGICAL EMERGENCY RESPONSE ASSETS		Footnote (4)
DOE O 200.1A	12/23/2008	INFORMATION TECHNOLOGY MANAGEMENT		
DOE M 200.1-1	03/10/1997	TELECOMMUNICATIONS SECURITY MANUAL (OFFICIAL USE ONLY)		
DOE O 205.1B	05/16/2011	DEPARTMENT OF ENERGY CYBER SECURITY PROGRAM		
DOE O 206.1	01/16/2009	DEPARTMENT OF ENERGY PRIVACY PROGRAM		
DOE N 206.4	06/29/2007	PERSONAL IDENTITY VERIFICATION		Expiration date extended to 06/29/2009 by DOE N 251.74.
DOE O 210.2A	04/08/2011	DOE CORPORATE OPERATING EXPERIENCE PROGRAM		

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE O 221.1A	04/19/2008	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL		
DOE O 221.2A	02/25/2008	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL		
DOE O 221.3	12/17/2001	ESTABLISHMENT OF MANAGEMENT DECISIONS ON OFFICE OF INSPECTOR GENERAL REPORTS		
DOE O 225.1B	03/03/2011	ACCIDENT INVESTIGATIONS		
DOE O 226.1B	04/25/2011	IMPLEMENTATION OF DEPARTMENT OF ENERGY OVERSIGHT POLICY		
DOE P 226.1A	05/25/2007	DEPARTMENT OF ENERGY OVERSIGHT POLICY		
DOE O 227.1	08/30/2011	INDEPENDENT OVERSIGHT PROGRAM		
DOE O 231.1B	06/27/2011	ENVIRONMENT, SAFETY AND HEALTH REPORTING		
DOE O 232.2	08/30/2011	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION		
DOE O 241.1B	12/13/2010	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT		
DOE O 243.1A	11/07/2011	RECORDS MANAGEMENT PROGRAM		
Compliance: Implementation Plan submitted 05/17/2012.				
DOE O 243.2	02/02/2006	VITAL RECORDS		

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE O 252.1A	02/23/2011	TECHNICAL STANDARDS PROGRAM		
DOE O 350.1	09/30/1996	CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAMS	3 02/23/2010	
DOE O 410.2	08/17/2009	MANAGEMENT OF NUCLEAR MATERIALS		Footnote (2)
DOE O 412.1	04/20/1999	WORK AUTHORIZATION SYSTEM		
DOE O 413.1B	10/28/2008	INTERNAL CONTROL PROGRAM		Footnote (4)
DOE O 413.3B	11/29/2010	PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS		
<i>DOE O 414.1D</i>	<i>04/25/2011</i>	<i>QUALITY ASSURANCE</i>		<i>ES&H-related directive included in WSS. See Footnote (3).</i>
<i>DOE O 420.1B</i>	<i>12/22/2005</i>	<i>FACILITY SAFETY</i>	<i>1 04/19/2010</i>	<i>ES&H-related directive included in WSS. See Footnote (3).</i>
DOE O 430.1B	09/24/2003	REAL PROPERTY ASSET MANAGEMENT	2 04/25/2011	
<i>DOE O 435.1</i>	<i>07/09/1999</i>	<i>RADIOACTIVE WASTE MANAGEMENT</i>	<i>1 08/28/2001</i>	<i>ES&H-related directive included in WSS. See Footnote (3).</i>
<i>DOE M 435.1-1</i>	<i>07/09/1999</i>	<i>RADIOACTIVE WASTE MANAGEMENT MANUAL</i>	<i>2 06/08/2011</i>	<i>ES&H-related directive included in WSS. See Footnote (3).</i>
DOE O 436.1	05/02/2011	DEPARTMENTAL SUSTAINABILITY		

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
<i>DOE M 440.1-1A</i>	<i>01/09/2006</i>	<i>DOE EXPLOSIVES SAFETY MANUAL</i>		<i>ES&H-related directive included in WSS. See Footnote (3).</i>
DOE O 440.2C	06/15/2011	AVIATION MANAGEMENT AND SAFETY	1 06/22/2011	
DOE O 442.1A	06/06/2001	DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM		
DOE O 442.2	07/29/2011	DIFFERING PROFESSIONAL OPINIONS ON TECHNICAL ISSUES RELATED TO ENVIRONMENT, SAFETY, AND HEALTH TECHNICAL CONCERNS		
DOE O 443.1B	03/17/2011	PROTECTION OF HUMAN SUBJECTS		
DOE P 450.7	08/02/2004	DEPARTMENT OF ENERGY ENVIRONMENT, SAFETY AND HEALTH (ES&H) GOALS		
<i>DOE O 451.1B</i>	<i>10/26/2000</i>	<i>NATIONAL ENVIRONMENTAL POLICY ACT COMPLIANCE PROGRAM</i>	<i>1 09/28/2001</i>	<i>ES&H-related directive included in WSS. See Footnote (3).</i>
DOE O 452.7	05/14/2010	PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS		
<i>DOE O 458.1</i>	<i>02/11/2011</i>	<i>RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT</i>	<i>2 06/06/2011</i>	<i>ES&H-related directive included in WSS. See Footnote (3).</i>
DOE O 460.1C	05/14/2010	PACKAGING AND TRANSPORTATION SAFETY		
DOE O 460.2A	12/22/2004	DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT		

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE M 460.2-1A	06/04/2008	RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL FOR USE WITH DOE O 460.2A		Footnote (2)
DOE P 470.1A	12/29/2010	SAFEGUARDS AND SECURITY PROGRAM		
DOE O 470.3B	08/12/2008	GRADED SECURITY PROTECTION (GSP) POLICY		
DOE O 470.4B	07/21/2011	SAFEGUARDS AND SECURITY PROGRAM		
DOE O 471.1B	03/01/2010	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION		
DOE O 471.3	04/09/2003	IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION	1 01/13/2011	
DOE M 471.3-1	04/09/2003	MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION	1 01/13/2011	
DOE O 471.6	06/20/2011	INFORMATION SECURITY		
DOE O 472.2	07/21/2011	PERSONNEL SECURITY		
DOE O 473.3	06/27/2011	PROTECTION PROGRAM OPERATIONS		
DOE O 474.2	06/27/2011	NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY	1 08/03/2011	
DOE O 475.1	12/10/2004	COUNTERINTELLIGENCE PROGRAM		
DOE O 475.2A	02/01/2011	IDENTIFYING CLASSIFIED INFORMATION		

ATTACHMENT D

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

DOE DIRECTIVES				
DOE directives may be found at the following Internet address: http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE O 481.1B	09/28/2001	WORK FOR OTHERS (NON-DEPARTMENT OF ENERGY FUNDED WORK)		
DOE M 481.1-1A	01/03/2001	REIMBURSABLE WORK FOR NON-FEDERAL SPONSORS PROCESS MANUAL	1 09/28/2001	
DOE O 484.1	08/17/2006	REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY	1 04/14/2011	
DOE O 522.1	11/03/2004	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES		
DOE O 534.1B	01/06/2003	ACCOUNTING		
DOE O 551.1C	06/24/2008	OFFICIAL FOREIGN TRAVEL		
DOE M 573.1-1	07/12/2000	MAIL SERVICES USER'S MANUAL		
DOE O 580.1	12/07/2005	DEPARTMENT OF ENERGY PERSONAL PROPERTY MANAGEMENT PROGRAM	1 05/08/2008	
DOE 2340.1C	06/08/1992	COORDINATION OF GENERAL ACCOUNTING OFFICE ACTIVITIES		

**BASELINE LIST OF
REQUIRED COMPLIANCE DOCUMENTS**

List B - List of Applicable Directives

WORK SMART STANDARDS (WSS) SET WSS Set may be found at: http://www.ornl.gov/orise/wss.htm				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH REVISION	NOTES AND COMMENTS
WSS Set	12/13/1999	OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION (ORISE) WORK SMART STANDARDS SET	38 08/22/2011	

FOOTNOTES:

- (1) This document is not directly applicable to the Contractor; it is included in the list of applicable documents because the Contractor must provide certain information or input to DOE in order for DOE to comply with requirements specified in the document.
- (2) The Contractor does not perform activities which fall within the scope of this directive at this time. If these activities are conducted at some future date, the requirements contained in this document will be applicable to the Contractor and programs to implement the requirements of this document will be established when and if such activities are to be initiated.
- (3) This document is ES&H-related and appears on the current Work Smart Standards Set. In an S/RID or WSS Set, the document may be referenced in its entirety or only certain chapters, paragraphs, or sections.
- (4) The requirements of this document are applicable; however, specific additional clarification or guidance is required from DOE before such requirements can be implemented in full as indicated in written requests for direction from the Contractor.

Attachment 2

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

1a. Project Title: Completing National Priority List Site Boundary Definition Investigations Across the 14-PARCEL Balance of the Oak Ridge Reservation (Project Code 2002101)	1b. Work Proposal Number (if applicable): NA
--	--

2. ORO EM Program Point of Contract.

Name: D. M. Perez Organization Code: EM-91 Telephone No. 865 576 8625

3. ORO Budget Point of Contract.

Name: Jamie D. Standridge Organization Code: FM-72 Telephone No. 865 576 5150

4. Responsible Program: EM	5. Responsible Secretarial Officer: Assistant Manager for 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: FD/04010/OR/36	9. Revision Number: * 3
--	-------------------------

10. Funding Authorized (\$ in thousands).

Budget and Reporting Code: FD0412000 Previous: \$3,000,000 *SCS 7-10-12* Change: +0 Current: \$3,000,000

11. Performance Period Covered by Funds. From: 6/1/10 To: 3/31/2013	12. Work Start Date: 6/2010	13. Expected Completion Date: 3/2013
---	--------------------------------	---

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.999 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.

Rev 1 – Corrected block 8 (“OR” had been left out); revised dates in blocks 11 and 12; Replaced SOW with attached revised SOW reflecting: deletion of parcel 17 and addition of strontium titanate survey for parcel 19; clarified area for conducting risk analyses; revised milestones and dates. NOTE: Full obligated amount

of \$3,000,000 (including fee) is now authorized for this activity. The fee was not changed and remains at \$110,000 as previously negotiated.

Rev 2 – Changed end date in blocks 11 and 13 to September 30, 2012. No change to SOW as previously provided.

Rev 3 – Changed end date in blocks 11 and 13 to March 2013 to allow for regulatory reviews, and changed dates for final two items in Section A to align accordingly. Editorial correction in section C, changed number of parcels from 15 to 14. No change to SOW or funding.

Specific Recovery Act Statement of Work:

The purpose of this investment proposal is to verify complete studies required to remove qualifying acreage from NPL Site boundary. (Note for clarification, this is not a delisting effort, but verification that parcels are uncontaminated and thus not on the NPL). The proposed scope will include the following general steps (See attached Statement of Work for additional details):

- Prepare a groundwater conceptual model for the 14 target parcels identified in Figure 1 and listed in Table 1;
- Prepare regulator-approved sampling and analysis plans and quality assurance project plans (SAP/QAPPs);
- Conduct Title Searches;
- Complete historical records studies;
- Conduct field investigation for target media as listed in Table 1;
- Complete risk analyses for parcels 9,15, and 19; and
- Report finding to support no-further-investigation (NFI) determinations, as appropriate.

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): D. M. Perez	Signature: <i>Donna Perez</i>	Date: 7/10/12
------------------------------	----------------------------------	------------------

17. DOE Field Organization Official:

Name (typed): Michele G. Branton <i>LMB 7-16-12 Michele G. Branton</i>	Signature: <i>M. G. Branton</i>	Date: 7-23-12
--	------------------------------------	------------------

18. Contractor's Authorized Representative.

Name (typed): Sarah J. Roberts	Signature: <i>Sarah Roberts</i>	Date: 7/11/12
-----------------------------------	------------------------------------	------------------

19. DOE Contracting Officer (or delegated representative).

Name (typed): Mary Lou Crow	Signature: <i>Mary Lou Crow</i>	Date: 9-6-2012
--------------------------------	------------------------------------	-------------------

Section A: Contractor Recovery Act Schedule or Milestone Requirement

Task Name	Estimated Completion Date
Receive DOE Funding	07/06/10
Submit D0 Surface Water/Soil SAP/QAPP	2/11/2011
Gamma Walkover Surveys	3/31/2011
Submit D0 Groundwater SAP/QAPP	4/12/2011
Mobilize for Volumetric Sampling	6/07/2011
Strontium Titanate Field Investigation	05/20/11
Submit Draft Final Reports	09/30/2012
Project Complete	03/31/2013

Section B: Contractor Recovery Act Performance Outcomes and Measures

Complete Section A milestones according to schedule.

Section C: Contractor Recovery Act Deliverables

Final investigation report for each of the 14 parcels.

Section D: Funding Amounts by Subproject

	Previous	Change	Current
NPL Boundary Reduction Investigations for 14 ORR Parcels	\$3,000,000	0	\$3,000,000

*The revision number will consist of a 2-digit program identifier, 4-digit sequential number, and the last digit of the fiscal year.

Attachment 3

**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: Michael Rigas Organization Code: EM-91 Telephone No.: 865-576-7070

3. ORO EM Budget Point of Contact Name: J. D. Standridge Organization Code: FM-72 Telephone No.: 865-574-8885

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: FD/04029/OR/36	9. Revision Number: 8
--	---------------------------------

10. Funds Authorized B&R Code: FD0411000 Previous: \$1,843,238 Change: 0 Current: \$1,643,238
--

CAS 9-6-12 *CAS 9-6-12*

11. Performance Period Covered by Funds From: 5/1/09 To: 9/30/13	12. Work Start Date: 5/2009	13. Expected Completion Date: 9/2013
---	---------------------------------------	--

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.

Revision 1 – Revised to reflect new split between subprojects. No change in the total funding amount.

Revision 2 – Revised to add \$83,238 to Y-12 Salvage Yard Scrap Removal Subproject and to update Point of Contacts and Work Authorization Official. No change to scope.

Revision 3 – move \$395.91 from 9735 subproject to Biology Complex subproject. No change to Scope of Work or schedule.

Revision 4 – Move 200K from the West End Mercury Area (WEMA) Storm Sewer Remediation Project to the Alpha 5 Project

Revision 5 – Move \$100K from the Y-12 Salvage Yard Scrap Removal subproject (item 7) to the Alpha-5 Legacy Material Disposition Project (item 1). Change completion date to 9/30/2012. No change to scope or overall funding.

Revision 6 – Transfer \$19,552 from WEMA Storm Sewer Remediation Project (Item 6) to Alpha-5 Legacy Material Disposition Project (Item 1).

Revision 7 – Transfer \$280,850 from Salvage Yard Project (item 7) to: Alpha-5 Project (item 1) \$123,660; and Biology Complex Project (item 3) \$157,190.

Revision 8 – Extended completion date to 9/30/2013. No changes to scope or funding.

Specific Recovery Act Statement of Work:

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 between the following subprojects:

1) Alpha-5 Legacy Material Disposition Project	\$1,063,212
2) Beta-4 Legacy Material Disposition Project	\$ 25,000
3) Biology Complex D&D Project	\$ 217,585.91
4) 9735 Filter House D&D Project	\$ 4,604.09
5) 9206 Filter House D&D Project	\$ 5,000
6) West End Mercury Area (WEMA) Storm Sewer Remediation Project	\$ 40,448
7) Y-12 Salvage Yard Scrap Removal Project	\$ 287,388

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): L. O. Wilkerson

Signature: 

Date:

9/4/12

17. DOE Field Organization Official.

Name (typed): Michele G. Branton

Signature: 

Date:

9/5/12

18. Contractor's Authorized Representative.

Name (typed): Sarah J. Roberts

Signature: 

Date:

9/5/12

19. DOE Contracting Officer (or delegated representative).

Name (typed): M. L. Crow

Signature: 

Date:

9/6/12

ATTACHMENT A – CONTRACTOR RECOVERY ACT PERFORMANCE REQUIREMENTS

<p>Section A: <u>Contractor Recovery Act Schedule or Milestone Requirements</u></p> <p>Support development and submittal of Waste Handling Plans, associated sampling and analysis plans, and waste profiles. Review contractor implementation of approved characterization programs. 9/30/2012</p>
<p>Section B: <u>Contractor Recovery Act Performance Outcomes and Measures</u></p> <p>Complete characterization and independent validation of contractor programs according to schedule.</p>
<p>Section C: <u>Contractor Recovery Act Deliverables</u></p> <p>Waste handling plans for all facilities as requested by task manager. Independent validation reports for those facilities as requested by task manager.</p>