AMENDMENT OF SOLICITATION/MODIFIC		CONTRACT ID CODE	PAGE 1	OF PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	ATE 4.	. REQ	JISITION/PURCHASE REQ. NO.		NO. (If applicable)
368	See Block	16C				
6. ISSUED BY CODE	00518	7	7. ADN	INISTERED BY (If other than Item 6)	CODE 00	518
Oak Ridge U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831		U	J.S. P.O.	Ridge Department of Energy Box 2001 Ridge TN 37831		
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State and ZIF	P Code) (X	9A.	AMENDMENT OF SOLICITATION NO.		
OAK RIDGE ASSOCIATED UNIVERS	TTTES. INC					
P.O. BOX 117	,		9B.	DATED (SEE ITEM 11)		
OAK RIDGE TN 37830-6218						
		x		. MODIFICATION OF CONTRACT/ORDER N	0.	
		^	DE	-AC05-06OR23100		
			10B	. DATED (SEE ITEM 13)		
CODE 041152224	FACILITY CODE			2/21/2005		
041152224		ONLY ADDLIES TO AME		ENTS OF SOLICITATIONS		
The above numbered solicitation is amended as set for					nded ∏isn	ot extended.
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF virtue of this amendment you desire to change an offer to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If received See Schedule	OFFERS PRIOR TO r already submitted d prior to the openin	THE HOUR AND DATE , such change may be m	E SPE nade b	CIFIED MAY RESULT IN REJECTION OF YO	OUR OFFER.	If by
13. THIS ITEM ONLY APPLIES TO M	ODIFICATION OF C	CONTRACTS/ORDERS.	IT MC	DIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN I	ΓEM 14.
				ES SET FORTH IN ITEM 14 ARE MADE IN T		
X C. THIS SUPPLEMENTAL AGREEMEN				MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b). TY OF:	in paying onic	e,
D. OTHER (Specify type of modification	and authority)					
E. IMPORTANT: Contractor 🗵 is not.	is required to si	ign this document and re	eturn	copies to the issuing	g office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION Tax ID Number: 62-0476816 DUNS Number: 041152224 Technical Services for Manag This modification accomplish	ement of t	he Oak Ridge				ion
1. Delete Requirements Chan Change Notice ORAU-25 (attac		ORAU-24 in i	its	entirety and replace w	ith Req	uirements
2. Delete Work Authorizatio with Revision 2 (attached).	n Number F	D/04010/OR/3	36 F	Revision 1 in its entir	ety and	replace
Period of Performance: 01/01	/2006 to 1	2/31/2015				
Except as provided herein, all terms and conditions of the	ne document referen	iced in Item 9A or 10A. a	as here	etofore changed, remains unchanged and in fu	ıll force and ef	ect.
15A. NAME AND TITLE OF SIGNER (Type or print)				IAME AND TITLE OF CONTRACTING OFFIC		
		,	Wal	ker K. Love		
15B. CONTRACTOR/OFFEROR	15			INITED STATES OF AMERICA		16C. DATE SIGNED
				nature on File		
(Signature of person authorized to sign)	_			(Signature of Contracting Officer)		04/17/2012

DOE	Form
(04/1)	991)

No.: ORAU-25

Page 1 of 9 Pages

REQUIREMENTS CHANGE NO		
PROJECT: Contract Baseline Documentation	LOCATION: Oak Ridge, Tenness	ee
CONTRACTOR: Oak Ridge Associated Universities (ORAU)		8
CONTRACT NO.: DE-AC05-06OR23100, I.105, Laws, Regulations, and	DATE OF CONTRACT January 1, 2006	3

This Requirements Change Notice (RCN) No. ORAU-25 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:

ADDITIONS:

DOE O 232.2 DOE O 243.1A

DELETIONS:

DOE M 231.1-2 DOE O 243.1

IMPLEMENTATION PLAN

DOE O 243.1A, Implementation Plan due May 22, 2012.

OOE AUTHORIZING SIGNATURE:
(, , , , , , , , , , , , , , , , , , ,
M. y Branton
Michala G. Branton Contracting Officer's Penrecentative

DATE:

3-29-12

REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	AUTHORIZATION
DOE M 231.1-2 Deletion (Cancelled and replaced by DOE O 232.2)	08/19/2003	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION		ORAU ltr dtd 02/07/2012 DOE ltr dtd 01/09/2012
DOE O 232.2 Addition (Cancels and replaces DOE M 231.1-2)	08/30/2011	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION		ORAU ltr dtd 02/07/2012 DOE ltr dtd 01/09/2012
DOE O 243.1 Deletion (Cancelled and replaced by DOE O 243.1A)	02/03/2006	RECORDS MANAGEMENT PROGRAM		ORAU ltr dtd 02/21/2012 DOE ltr dtd 01/23/2012
DOE O 243.1A Addition (Cancels and replaces DOE O 243.1)	11/07/2011	RECORDS MANAGEMENT PROGRAM		ORAU ltr dtd 02/21/2012 DOE ltr dtd 01/23/2012

List B - List of Applicable Directives

DOE DIRECTIVES

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: Revise	ed Implementat	ion 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		

List B - List of Applicable Directives

DOE DIRECTIVES

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: Imple	ementation Pla	n due 05/22/2012.	-	
DOE O 243.2	02/02/2006	VITAL RECORDS		

RCN No. ORAU-25 Page 5 of 9 Pages

BASELINE LIST OF REQUIRED COMPLIANCE DOCUMENTS

List B - List of Applicable Directives

DOE DIRECTIVES

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			
DOE O 414.1D	04/25/2011	QUALITY ASSURANCE		ES&H-related directive included in WSS. See Footnote (3).	
DOE O 420.1B	12/22/2005	FACILITY SAFETY	1 04/19/2010	ES&H-related directive included in WSS. See Footnote (3).	
DOE O 430.1B	09/24/2003	REAL PROPERTY ASSET MANAGEMENT	2 04/25/2011		
DOE O 435.1	07/09/1999	RADIOACTIVE WASTE MANAGEMENT	1 08/28/2001	ES&H-related directive included in WSS. See Footnote (3).	
DOE M 435.1-1	07/09/1999	RADIOACTIVE WASTE MANAGEMENT MANUAL	2 06/08/2011	ES&H-related directive included in WSS. See Footnote (3).	
DOE O 436.1	05/02/2011	DEPARTMENTAL SUSTAINABILITY			

List B - List of Applicable Directives

DOE DIRECTIVES

http://www.directives.doe.gov/				
REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	NOTES AND COMMENTS
DOE M 440.1-1A	01/09/2006	DOE EXPLOSIVES SAFETY MANUAL		ES&H-related directive included in WSS. See Footnote (3).
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		
DOE O 451.1B	10/26/2000	NATIONAL ENVIRONMENTAL POLICY ACT COMPLIANCE PROGRAM	1 09/28/2001	ES&H-related directive included in WSS. See Footnote (3).
DOE O 452.7	05/14/2010	PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS		
DOE O 458.1	02/11/2011	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT	2 06/06/2011	ES&H-related directive included in WSS. See Footnote (3).
DOE O 460.1C	05/14/2010	PACKAGING AND TRANSPORTATION SAFETY		
DOE O 460.2A	12/22/2004	DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT		

RCN No. ORAU-25 Page 7 of 9 Pages

BASELINE LIST OF REQUIRED COMPLIANCE DOCUMENTS

List B - List of Applicable Directives

DOE DIRECTIVES

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		

RCN No. ORAU-25 Page 8 of 9 Pages

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/

nttp://www.unccuves.uoc.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			

List B - List of Applicable Directives

WORK SMART STANDARDS (WSS) SET WSS Set may be found at: http://www.orau.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.

7. 7					
		IENT OF ENERG			
CON		K AUTHORIZAT FENSE	TION		
1a. Project Title: Completing National List Site Boundary Definition Investigate the 14-PARCEL Balance of the Oak R Reservation (Project Code 2002101)	al Priority ations Across	W-101 - 11-11-11-11-11-11-11-11-11-11-11-11-	Number (if applicable): NA		
2. ORO EM Program Point of Contra	ict.				
Name: J. G. Nunz	Organization (Code: EM-91 T	elephone No. 865 574 9833		
3. ORO Budget Point of Contract.					
Name: Jamie D. Standridge	Organization (elephone No. 865 576 5150		
4. Responsible Program: EM			ecretarial Officer:		
		Assistant Man	ager for Environmental Management		
Responsible Field Organization: Oak Ridge Office					
7a. Site and Facility Management Contractor: 7b.		7b. Contractor Po	7b. Contractor Point of Contact.		
Oak Ridge Institute for Science and					
Oak Ridge Associated Universities		Name: S. J. Robe			
8. Work Authorization Number: FD/	04010/OR/36	9. Revision	Number:* 2		
10. Funding Authorized (\$ in thousand)	nds).	,000,000			
Budget and Reporting Code: FD0412000	Previous: \$3,0	00,000 Change:	+0 Current: \$3,000,000		
11. Performance Period Covered by I	Funds. 12.	Work Start Date:	13. Expected Completion Date:		
From: 6/1/10 To: 10/31/20	12	6/2010	10/2012		
14. Statement of Work: This Work					
support of the American Recovery	and Dainwactm	ant Act of 2000 (Pub I 111-5) (Pacovary Act) All		

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 October 31, 2012. No change to SOW as previously provided.

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):	Signature:	Date:
J. G. Nunz	Signature:	4/12/12
17. DOE Field Organization Offi	icial:	, ,
Name (typed):	Signature:	Date:
Michele G. Branton	M. J. Branton	4-17-2012
18. Contractor's Authorized Rep	resentative.	
Name (typed):	Signature: 4/4 /// for	Date: //)
Sarah J. Roberts	South fligh STR	Date: 4/12/5017
19. DOE Contracting Officer (or	delegated representative).	1 7
Name (typed):	Signature:	Date:
Mary Lou Crow	Signature: Law Croev	4-17-2012
Section A: Cont	ractor Recovery Act Schedule or Mil	lestone 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	6/072011
Strontium Titanate Field Investigation	05/20/11

Submit Draft Final Reports	01/25/2012
Project Complete	04/13/2012

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 15 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.