

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

PAGES OF PAGES  
1 | 1

2. AMENDMENT/MODIFICATION  
M039

3. EFFECTIVE DATE  
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.  
NOPR

5. PROJECT NO. (If applicable)

6. ISSUED BY  
U. S. Department of Energy  
Oak Ridge Operations Office, AD-421  
P. O. Box 2001  
Oak Ridge, TN 37831-8757

7. ADMINISTERED BY (If other than Item 6)  
OCT 10 1999

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
UT-Battelle, LLC  
Attn: David C. Rice, Director, Contracts  
P. O. Box 2008  
Oak Ridge, TN 37831-6443

(X)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER DE-AC05-00OR22725
	10B. DATED (SEE ITEM 13) October 18, 1999

CODE | FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION**

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 YOU ACKNOWLEDGMENT 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)

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

	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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I-140 and P.L. 95-91
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/ MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to revise Appendix E by incorporating Requirements Change Notice No. OR-06 attached hereto.

Except as provided herein, all terms and conditions of the document referenced in Item 9A and 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Greg L. Turner Chief Financial Officer		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan G. Hiser Contracting Officer	
15B. CONTRACTOR/OFFEROR <u>Greg L. Turner</u> (Signature of person authorized to sign)	15C. DATE SIGNED 10/11/01	16B. UNITED STATES OF AMERICA BY <u>Susan G. Hiser</u> (Signature of Contracting Officer)	16C. DATE SIGNED 10/16/01

**U.S. Department of Energy  
REQUIREMENTS CHANGE NOTICE**

No. **OR-06**

Page 1 of 24

Project	Location
Contract Baseline Documentation	Oak Ridge, Tennessee
Contractor	
UT-Battelle, LLC	
Contract No.	Date of Contract
DE-AC05-00OR22725 Special Contracts Requirements Clause I-140	April 1, 2000

This Requirements Change Notice (RCN) No. OR 06 incorporates into Appendix E, Contract No. DE-AC05-00OR22725, 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. Changes to Appendix E are indicated by bold type.

**Below is a list of the orders incorporated herein:**

DOE O 241.1A	DOE O 534.1A	ORO O 250, Ch. V, Chg. 2 & 3
DOE O 350.2	ORO O 220, Ch. III, Chg. 2	ORO O 250, Ch. VI, Chg. 2
DOE N 413.1, Errata Sheet	ORO O 220, Ch. IV, Chg. 2	ORO O 250, Ch. VII, Chg. 2
DOE O 442.1A	ORO O 220, Ch. VII, Chg. 2	ORO O 250, Ch. VIII
DOE M 471.2-1C	ORO O 250, Ch. I, Chg. 2	ORO O 250, Ch. IX
DOE N 471.3	ORO O 250, Ch. II, Chg. 3	ORO O 410, Ch. II, Chg. 2
DOE M 472.1-1B	ORO O 250, Ch. IV, Chg. 2	ORO O 430, Ch. II, Chg. 2
DOE M 475.1-1A		

**Delete:**

DOE O 241.1	DOE M 475.1-1	ORO O 250, Ch. II, Chg. 2
DOE N 350.5	DOE N 534.1	ORO O 250, Ch. IV, Chg. 1
DOE O 442.1	DOE O 534.1	ORO O 250, Ch. V, Chg. 1 & 2
DOE M 471.2-1B, except - Ch. III, paragraphs 1 & 2 and Ch. IV	DOE 2321.1B	ORO O 250, Ch. VI, Chg. 1
DOE N 470.1	ORO O 220, Ch. I, Chg. 1	ORO O 250, Ch. VII, Chg. 1
DOE N 471.2	ORO O 220, Ch. III, Chg. 1	ORO O 410, Ch. II, Chg. 1
DOE M 472.1-1A	ORO O 220, Ch. IV, Chg. 1	ORO O 430, Ch. II, Chg. 1
	ORO O 220, Ch. VII, Chg. 1	ORO O 560, Ch. 1
	ORO O 250, Ch. I, Chg. 1	

**Updated Compliance Line:**

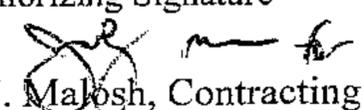
DOE N 203.1                      DOE 205.1

**Other Applicable Directives:**

- WSS, Chg. 12, 13, & 14 - Other Industrial, Radiological, Non-Radiological Hazard Facilities
- WSS, Chg. 5 & 6 - Radiochemical Research Facilities for Buildings 2026 and 5505
- WSS, Chg. 4 & 5 - Radiochemical Technology Facilities for Buildings 3027 and 3047
- WSS, Chg. 4 & 5 - Radiochemical Engineering Development Center for Buildings 7920, 7930, and support areas
- WSS, Chg. 4 & 5 - Radiochemical Development Facility for Building 3019 and its ancillary buildings
- WSS, Chg. 4 & 5 - Irradiated Mtls. Exam. & Test.Facility & Irradiated Fuels Exam. Lab.- blds. 3025E, 3525, & support areas
- WSS, Chg. 4 & 5 - High Flux Isotope Reactor
- WSS, Chg. 4 & 5 - Nuclear Hot Cell Facility for Building 4501
- WSS, Chg. 1 - Construction and Construction Like Activities
- WSS, Chg. 1 - Eng. Design of Standard Industrial, Radiological, Non-Reactor Category 2 & 3 Nuclear, & Accelerator Facilities
- S/RID, Type 2 - Radiological Assistance Program (RAP)

**Attachments:**

- 1) Outline of RCN No. 06 Changes (09/28/2001)
- 2) Appendix E - Baseline List of Required Compliance Documents (09/28/2001)

DOE Authorizing Signature  George J. Malosh, Contracting Officer's Representative	Date:  09/28/2001
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**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<b><u>OD #080</u></b>				
DOE N 471.2	09/23/1999	Extension of DOE O 471.2A, Information Security Program		Expired
Deletes DOE N 471.2.				
<b><u>OD #081</u></b>				
ORO O 220	05/11/2001	Chapter III, Change 2, Establishment of Department Position of Inspector General Reports		DOE ltr dated 05/22/2001 UT-Battelle ltr dated 06/15/2001
Adds ORO O 220, Chapter III, Change 2 and deletes ORO O 220, Chapter III, Change 1.				
<b><u>OD #082</u></b>				
ORO O 430	07/25/2001	Chapter II, Change 2 In-House Energy Management		DOE ltr dated 08/03/2001 UT-Battelle ltr dated 08/28/2001
Adds ORO O 430, Chapter II, Change 2 and deletes ORO O 430, Chapter II, Change 1.				
<b><u>OD #083</u></b>				
DOE O 350.2	07/12/2001	Use of Facility Contractor Employees for Services in the Washington, D.C., Area, Dated July 12, 2001		DOE ltr dated 08/16/2001 UT-Battelle ltr dated 08/28/2001
Adds DOE O 350.2 and deletes DOE N 350.5.				
<b><u>OD #084</u></b>				
DOE M 472.1-1B	07/12/2001	Personnel Security Program Manual		DOE ltr dated 08/07/2001 UT-Battelle ltr dated 08/28/2001
Adds DOE M 472.1-1B and deletes DOE M 472.1-1A.				
<b><u>OD #085</u></b>				
DOE M 475.1-1A	02/26/2001	Identifying Classified Information		DOE ltr dated 08/03/2001 UT-Battelle ltr dated 08/28/2001
Adds DOE M 475.1-1A and deletes DOE M 475.1-1.				

**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<u>OD #074</u>				
ORO O 250	06/19/2001	Chapter V, Change 3, Development, Approval, and Maintenance of Work Smart Standards		DOE ltr dated 07/09/2001 UT-Battelle ltr dated 08/03/2001
Adds ORO O 250, Chapter V, Change 3 and deletes ORO O 250, Chapter V, Change 2.				
<u>OD #075</u>				
ORO O 220	07/28/1998	Chapter I, Change 1, Reporting Fraud, Waste, and Abuse to the Office of Inspector General		DOE ltr dated 07/09/2001 UT-Battelle ltr dated 08/03/2001
Deletes ORO O 220, Chapter I, Change 1.				
<u>OD #076</u>				
S/RID Type 2	02/08/2001	ORO O 150, Chapter IV, Change 3, "Radiological Assistance Program (RAP)		DOE ltr dated 06/25/2001 UT-Battelle ltr dated 04/27/2001
Adds ORO O 150, Chapter IV, Change 3.				
<u>OD #077</u>				
ORO O 410	07/16/2001	Chapter II, Change 2, Management of Nuclear Materials		DOE ltr dated 07/25/2001 UT-Battelle ltr dated 08/09/2001
Adds ORO O 410, Chapter II, Change 2 and deletes ORO O 410, Chapter II, Change 1.				
<u>OD #078</u>				
DOE O 442.1A	06/06/2001	Department of Energy Employee Concerns Program		DOE ltr dated 07/11/2001 UT-Battelle ltr dated 08/09/2001
Adds DOE O 442.1A and deletes DOE O 442.1.				
<u>OD #079</u>				
DOE N 470.1	09/23/1999	Extension of DOE O 470.1, Safeguards and Security Program		Expired

Deletes DOE N 470.1

**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<b>OD #069</b>				
<b>ORO O 220</b>	<b>06/19/2001</b>	<b>Chapter VII, Change 2, Audit Resolution and Follow-up</b>		DOE ltr dated 07/09/2001 UT-Battelle ltr dated 08/03/2001

Adds ORO O 220, Chapter VII, Change 2 and deletes ORO O 220 Chapter VII, Change 1.

**OD #070**

<b>WSS Type 1</b>	<b>07/18/2001</b>	<b>Other Industrial, Radiological and Non-Radiological Hazardous Facilities (07-25-1996)</b>	<b>14</b>	UT-Battelle e-mail dated 07/18/2001
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Addition of the following Executive Orders:

- Executive Order 13101 (September 14, 1998), "Greening the Government Through Waste Prevention, Recycling, and Federal Acquisition"
- Executive Order 13123 (June 3, 1999), "Greening the Government Through Efficient Energy Management"
- Executive Order 13149 (April 22, 2000), "Greening the Government Through Federal Fleet and Transportation Efficiency"

**OD #071**

<b>ORO O 560</b>	<b>08/27/1998</b>	<b>Chapter 1, Unclassified Computer Security Program</b>		DOE ltr dated 07/16/2001 UT-Battelle ltr dated 8/9/2001
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Deletes ORO O 560, Chapter 1, by ORO N 251.X7, Cancellation of Directives, dated June 27, 2001.

**OD #072**

<b>DOE M 450.3-1</b>	<b>01/25/1996</b>	<b>The DOE Closure Process for Necessary and Sufficient Sets of Standards</b>		DOE ltr dated 07/09/2001 UT-Battelle ltr dated 08/03/2001
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Deletes DOE M 450.3-1; however this manual will be retained in the contract baseline.

**OD #073**

<b>ORO O 220</b>	<b>06/18/2001</b>	<b>Chapter IV, Change 2, Coordination of General Accounting Activities</b>		DOE ltr dated 07/09/2001 UT-Battelle ltr dated 08/03/2001
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Add ORO O 220, Chapter IV, Change 2, and deletes ORO O 220, Chapter IV, Change 1.

## OUTLINE OF RCN NO. 06 CHANGES

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<b><u>OD #063</u></b>				
DOE O 241.1A	04/09/2001	Scientific and Technical Information Management		DOE ltr dated 05/11/2001 UT-Battelle ltr dated 06/08/2001
Adds DOE O 241.1A and deletes DOE O 241.1				
<b><u>OD #064</u></b>				
DOE N 471.3	04/13/2001	Reporting Incidents of Security Concerns		DOE ltr dated 05/16/2001 UT-Battelle ltr dated 06/12/2001
Adds DOE N 471.3				
<b><u>OD #065</u></b>				
DOE M 471.2-1C	04/17/2001	Classified Matter Protection and Control Manual		DOE ltr dated 05/16/2001 UT-Battelle ltrs dated 06/12/2001 and 07/18/2001
Adds DOE M 471.2-1C and deletes 471.2-1B, except Chapter III, paragraphs 1 and 2, and Chapter IV.				
<b><u>OD #066</u></b>				
ORO O 250	04/25/2001	Chapter I, Change 2, ORO Standards Management Program Overview		DOE ltr dated 06/05/2001 UT-Battelle ltr dated 06/29/2001
	04/25/2001	Chapter II, Change 3, Oak Ridge Operations Directives System		
	04/26/2001	Chapter IV, Change 2, Impact Assessments		
Adds ORO O 250 Chapter I, Change 2; Chapter II, Change 3; and Chapter IV, Change 2. Deletes ORO O 250 Chapter I, Change 1; Chapter II, Change 2; and Chapter IV, Change 1.				
<b><u>OD #067</u></b>				
ORO O 530	03/30/2001	Chapter III, Change 2, Accounting		DOE ltr dated 06/05/2001 UT-Battelle ltr 06/29/2001
Deletes DOE O 534.1 and DOE N 534.1. Does not add ORO O 530.				
<b><u>OD #068</u></b>				
ORO O 250	04/27/2001	Chapter VIII, Requirements Change Notices, and Chapter IX, Rule Program Documents, Implementation Plans, and Exemption Requests		DOE ltr dated 06/05/2001 UT-Battelle ltr dated 06/29/2001
Adds ORO O 250, Chapter VIII and Chapter IX.				

**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<u>OD #059d</u>				
WSS	Type 2	06/04/2001	DOE O 420.1, Change 3	DOE Approval dated 06/04/2001 UT-Battelle ltr dated 05/25/2001
			Engineering Design for Standard Industrial, Radiological, Non-Reactor Category 2 and 3 Nuclear Facilities and Accelerator Facilities (4-14-98)	<u>1</u>

DOE O 420.1, Delete Section 4.4, "Natural Phenomena Hazard Mitigation" from this WSS set and add it to the Base set for "Other Industrial, Radiological, and Non-Radiological Hazard Facilities".

OD #060

WSS	Type 1	06/20/2001	DOE O 420.1, Change 3	UT-Battelle e-mail dated 06/20/2001 to DOE
			Other Industrial, Radiological, and Non-radiological Hazard Facilities (7-25-96)	<u>13</u>

Addition of Executive Order 13148, "Greening the Government through Leadership in Environmental Management"

OD #061

DOE	O 224.2	03/22/2001	Auditing of Programs and Operations	DOE ltr dated 04/30/2001
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Deletes 2321.1B, Auditing of Programs and Operations. Does not add DOE O 224.2.

OD #062

ORO	O 250	04/26/2001	Chapter V, Change 2, Development, Approval, and Maintenance of Work Smart Standards	DOE ltr dated 06/05/2001 UT-Battelle ltr dated 06/29/2001
		04/26/2001	Chapter VI, Change 2, Directive Implementation Plans and Exemption Requests	
		04/27/2001	Chapter VII, Change 2, Maintenance of Standards/Requirements Identification Documents	

Adds ORO O 250, Chapter V, Change 2; Chapter VI, Change 2; and Chapter VII, Change 2. Deletes ORO O 250, Chapter V, Change 1; Chapter VI, Change 1; and Chapter VII, Change 1.

**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<b><u>OD #059b</u></b>				
WSS	Type 2	06/04/2001	DOE O 420.1, Change 3	DOE Approval dated 06/04/2001 UT-Battelle ltr dated 05/25/2001
		Radiochemical Research Facilities - Bldgs 2026 & 5505 (9-30-96)	6	

( 1.) From Section 4.3.3b, delete ANSI/ANS-8.5-1986 and ANSI/ANS-8.9-1987, from the list of Mandatory Standards.( 2.) Delete the last sentence in the last paragraph of Section 4.3.3.b of DOE O 420.1 ("Revised ANSI standards shall not be used unless an exemption is granted or it is incorporated into a DOE Order.") is deleted. ( 3.) Section 4.3.3.j(2) of DOE O 420.1: "The requirements of this section shall apply to all activities where fissionable material is transferred from one operation to another within a facility/building. The requirements of DOE O 460.1A (October 2, 1996) shall apply to transfers of fissionable material from one on-site location (i.e., facility) to another." (4.) The following is added to item (6) to Section 4.4.3e of DOE O 420.1: the first "shall" of Paragraph 5.4 of ANSI/ANS-8.3-1986 is changed to read, "The system should not produce an evacuation signal due to component failure".

**OD #059c**

WSS	Type 2	06/04/2001	DOE O 420.1, Change 3	DOE Approval dated 06/04/2001 UT-Battelle ltr dated 05/25/2001
		Radiochemical Technology Facilities (12-17-96) - Bldgs. 3027 & 3047	5	
		Radiochemical Engineering Development Center (12-17-96) - Bldgs 7920, 7930, and support areas	5	
		Radiochemical Development Facility (5-7-97) - Bldg. 3019 and its ancillary buildings	5	
		Irradiated Materials Examination and Testing Facility and Irradiated Fuels Examination Laboratory (5-7-96) - Bldgs 3025E, 3525, and support areas	5	
		High Flux Isotope Reactor (9-10-98)	5	
		Nuclear Hot Cell Facility Building 4501 (7-1-99)	5	

Revision to DOE O 420.1, Section 4.3, "Criticality Safety", Section 4.3.3.j(2) replace "is deleted" with the following:"The requirements of this section shall apply to all activities where fissionable material is transferred from one operation to another within a facility/building. The requirements of DOE O 460.1A (October 2, 1996) shall apply to transfers of fissionable material from one on-site location (i.e., facility) to another."

**OUTLINE OF RCN NO. 06 CHANGES**

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<b><u>OD #058</u></b>				
<b>WSS</b>	<b>Type 2</b>	<b>04/12/2001</b>	<b>Startup and Restart of Nuclear Facilities</b>	DOE ltr dated 04/12/2001 UT-Battelle ltr dated 03/30/2001
		Radiochemical Research Facilities (9/30/96) - Bldgs. 2026 & 5505	<u>5</u>	
		Radiochemical Technology Facilities (12-17-96) - Bldgs. 3027 & 3047	<u>4</u>	
		Radiochemical Engineering Development Center (12-17-96) - Bldgs. 7920 & 7930 and support areas	<u>4</u>	
		Radiochemical Development Facility (5-7-97) - Bldg 3019 and Ancillary Buildings	<u>4</u>	
		Irradiated Materials Examination and Testing Facility and Irradiated Fuels Examination Laboratory (5-7-97) - Bldgs. 3025E, 3525, and support areas	<u>4</u>	
		High Flux Isotope Reactor (9-10-98)	<u>4</u>	
		Nuclear Hot Cell Facility Building 4501 (7-1-99) Note: for nuclear facilities only	<u>4</u>	
		Construction and Construction Like Activities (5-7-97) Note: for nuclear facilities only	<u>1</u>	

Add DOE O 425.1B.

**OD #059a**

<b>WSS</b>	<b>Type 2</b>	<b>06/04/2001</b>	<b>DOE O 420.1, Change 3</b>	DOE Approval dated 06/04/2001 UT-Battelle ltr dated 05/25/2001
		Other Industrial, Radiological, and Non-Radiological Hazard Facilities (7-25-96)	<u>12</u>	

DOE O 420.1, Section 4.2, Fire Protection: delete "with the exception of Item 5 of 4.2.1"; add Section 4.4, Natural Phenomena Hazard Mitigation.

## OUTLINE OF RCN NO. 06 CHANGES

<u>ITEM</u>	<u>DATE</u>	<u>TITLE</u>	<u>CHANGE #</u>	<u>AUTHORIZATION</u>
<u>OD #086</u>				
DOE O 534.1A	07/05/2001	Accounting		DOE ltr dated 08/16/2001 UT-Battelle ltr dated 08/28/2001
Adds DOE O 534.1A.				

### OD #087

DOE N 413.1 Errata Sheet	05/16/2001	Extension of DOE O 413.1, Management Control Program		DOE ltr dated 06/05/2001
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Extends expiration date for DOE O 413.1 to 12/06/2001 or until such time as DOE O 413.1A is published, whichever happens first.