

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				11	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.	
0454		See Block 16C			
6. ISSUED BY		CODE		5. PROJECT NO. (If applicable)	
		892431		00516	
SC Oak Ridge U.S. Department of Energy ORNL Site Office P.O. Box 2008 Oak Ridge TN 37831		7. ADMINISTERED BY (If other than Item 6) U.S. Department of Energy ORNL Site Office P.O. Box 2008 Oak Ridge TN 37831			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.			
Oak Ridge Associated Universities, Incorporated Attn: Angela Holmberg P.O. BOX 117 OAK RIDGE TN 378310117		(x)			
		9B. DATED (SEE ITEM 11)			
		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-SC0014664			
		10B. DATED (SEE ITEM 13)			
CODE 041152224		FACILITY CODE		03/10/2016	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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 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.					
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: P.L 95-91 and FAR 43.103 (a) and Mutual Agreement of the Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Management of the Oak Ridge Institute for Science and Education to replace Requirements Change Notice (RCN) ORAU-35 with RCN ORAU-36 Dated May 31, 2025, in Section J, Attachment D.2. Payment:					
Except as provided herein, all terms and conditions of the document referenced in Item 9 A 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)			
		Ryan Joseph Fuesting			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)				Signature on File	
				(Signature of Contracting Officer)	
				07/10/2025	

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0454		See Block 16C		5. PROJECT NO. (If applicable)	
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)	
SC Oak Ridge		892431		CODE 00516	
U.S. Department of Energy				U.S. Department of Energy	
ORNL Site Office				ORNL Site Office	
P.O. Box 2008				P.O. Box 2008	
Oak Ridge TN 37831				Oak Ridge TN 37831	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x)		9A. AMENDMENT OF SOLICITATION NO.	
Oak Ridge Associated Universities, Incorporated					
Attn: Angela Holmberg				9B. DATED (SEE ITEM 11)	
P.O. BOX 117					
OAK RIDGE TN 378310117		x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
				DE-SC0014664	
CODE 041152224		FACILITY CODE		10B. DATED (SEE ITEM 13)	
				03/10/2016	

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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)

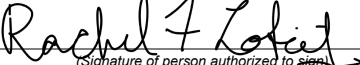
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED 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: P.L 95-91 and FAR 43.103 (a) and Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)


E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Management of the Oak Ridge Institute for Science and Education to replace Requirements Change Notice (RCN) ORAU-35 with RCN ORAU-36 Dated May 31, 2025, in Section J, Attachment D.2.

Payment:

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)	
Rachel F. Lokitz, Chief Legal & Risk Officer	
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
Ryan Joseph Fuesting	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
 (Signature of person authorized to sign)	6/24/2025
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____	_____
(Signature of Contracting Officer)	

DOE Form (04/1991)		RCN No. ORAU-36
U.S. Department of Energy REQUIREMENTS CHANGE NOTICE		Page 1 of 7
PROJECT: Contract Baseline Documentation		LOCATION: Oak Ridge, Tennessee
CONTRACTOR: Oak Ridge Associated Universities (ORAU)		
CONTRACT NO.: DE-SC0014664, DEAR 970.5204-2, Laws, Regulations, and DOE Directives (DEC 2000)		DATE OF CONTRACT: March 10, 2016
<p>This Requirements Change Notice (RCN) No. ORAU-36 incorporates into Section J, Attachment D.2, of Contract No. DE-SC0014664, 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 specific WSS sets. ES&H-related directives in WSS sets have an ES&H footnote. Changes to Section J, Attachment D.2, are indicated by bold type. Below is a list of the directives incorporated herein:</p> <p style="text-align: center;"><u>EXECUTIVE SUMMARY OF DIRECTIVE CHANGES</u></p> <p><u>ADDITIONS:</u> DOE O 443.1C, Change 1 (LtdChg) DOE O 470.1A DOE O 470.4C DOE O 470.5A DOE O 520.1B, Change 2 (LtdChg)</p> <p><u>DELETIONS:</u> DOE O 443.1C DOE O 470.4B, Change 3 (LtdChg) DOE O 470.5 DOE O 520.1B, Change 1 (LtdChg)</p> <p><u>UPDATES:</u></p> <p><u>IMPLEMENTATION PLANS (REVISED COMPLIANCE STATUS):</u> DOE O 151.1E Implementation Plan email was submitted to SC-OSO on 05/07/2025 for approval. DOE O 241.1C Implementation Plan email was submitted to SC-OSO on 05/06/2025 for approval.</p> <p><u>ADMINISTRATIVE CORRECTION:</u></p>		
DOE AUTHORIZING SIGNATURE:  Michele Branton, Contracting Officer's Representative		DATE: July 8, 2025

Directive	Title	Action	Authority
DOE O 151.1E	Comprehensive Emergency Management	Implementation Plan submitted to SC-OSO for approval on 05/07/2025	SC-OSO email 01/07/2025 ORAU email 02/05/2025 ORAU email dated 05/07/2025
DOE O 241.1C	Scientific and Technical Information Management	Implementation Plan submitted to SC-OSO for approval on 05/06/2025	SC-OSO email 01/07/2025 ORAU email 02/05/2025 ORAU email dated 05/06/2025
DOE O 443.1C, Change 1 (LtdChg)	Protection of Human Research Subjects	Addition	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 443.1C	Protection of Human Research Subjects	Deletion	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 470.1A	Safeguards and Security Program Management Operations	Addition	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 470.4C	Safeguards and Security Planning	Addition	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 470.4B, Change 3 (LtdChg)	Safeguards and Security Program	Deletion	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 470.5A	Insider Threat Program	Addition	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 470.5	Insider Threat Program	Deletion	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 520.1B, Change 2 (LtdChg)	Financial Management and Chief Financial Officer Responsibilities	Addition	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025
DOE O 520.1B, Change 1 (LtdChg)	Financial Management and Chief Financial Officer Responsibilities	Deletion	SC-OSO email dated 02/18/2025 ORAU email dated 04/01/2025

Attachment D
Baseline List of
Required Compliance Documents

List B - List of Applicable Directives

DOE Directives may be found at the following address: http://www.directives.doe.gov/				
Required Compliance Document	Document Date	Title	Through Change	Notes and Comments
DOE O 130.1	09/29/1995	Budget Formulation		
DOE O 142.3B Change 1 (LtdChg)	03/02/2022	Unclassified Foreign Visitors and Assignments Program		
DOE O 150.1B	12/21/2021	Continuity Programs		
DOE O 151.1E	10/28/2024	Comprehensive Emergency Management System		
Compliance Line: Implementation Plan submitted on May 7, 2025				
DOE O 153.1A	11/17/2022	Departmental Nuclear Emergency Support Team Capabilities		
DOE O 200.1A Change 2 (LtdChg)	08/11/2023	Information Technology Management		
DOE O 205.1D	04/30/2024	Department of Energy Cyber Security Program		
DOE O 206.1A	01/19/2024	Department of Energy Privacy Program		
DOE O 206.2 Change 2 (LtdChg)	10/28/2024	Identity, Credential, and Access Management (ICAM)		
DOE O 210.2A	04/08/2011	DOE Corporate Operating Experience Program		
DOE O 221.1B	09/27/2016	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 225.1B	03/04/2011	Accident Investigations		
DOE O 227.1A Change 1 (AdminChg)	01/21/2020	Independent Oversight Program		
DOE O 231.1B Change 1 (AdminChg)	11/28/2012	Environment, Safety and Health Reporting		
DOE O 232.2A Change 1 (MinChg)	10/04/2019	Occurrence Reporting and Processing of Operations Information		
DOE O 240.1	04/09/2024	Requesting Access to Electronic Records, Electronic Communications, and Access Control Records		
DOE O 241.1C	10/28/2024	Scientific and Technical Information Management		
Compliance Line: Implementation Plan submitted on May 6, 2025				

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DOE O 243.1C	02/07/2022	Records Management Program		
Compliance Line: Implementation Plan approved December 2022.				
DOE O 252.1A, Change 2 (AdminChg)	09/30/2024	Technical Standards Program		
DOE O 350.1, Change 7 (LtdChg)	02/19/2020	Contractor Human Resource Management Programs		
DOE O 410.2, Change 1 (AdminChg)	04/10/2014	Management of Nuclear Materials		
DOE O 412.1A Change 1 (AdminChg)	05/21/2014	Work Authorization System		
DOE O 413.1B	10/28/2008	Internal Control Program		Footnote (4)
DOE O 413.3B Change 7 (LtdChg)	11/29/2010	Program and Project Management for the Acquisition of Capital Assets		
DOE O 414.1D Change 2 (LtdChg)	09/15/2020	Quality Assurance		ES&H-related Directive included in WSS. See Footnote (3).
DOE O 420.1C, Change 3 (LtdChg)	11/14/2019	Facility Safety		ES&H-related Directive included in WSS. See Footnote (3).
DOE O 435.1, Change 2 (AdminChg)	01/11/2021	Radioactive Waste Management		ES&H-related Directive included in WSS. See Footnote (3).
DOE M 435.1-1, Change 3 (LtdChg)	06/08/2011	Radioactive Waste Management Manual		ES&H-related Directive included in WSS. See Footnote (3).
DOE O 440.2C, Change 3 (LtdChg)	03/21/2023	Aviation Management and Safety		
DOE O 442.2, Change 1 (PgChg)	10/04/2016	Differing Professional Opinions for Technical Issues Involving Environmental, Safety and Health Technical Concerns		
DOE O 443.1C, Change 1 (LtdChg)	11/23/2024	Protection of Human Research Subjects		
DOE P 450.4A, Change 1 (MinChg)	01/18/2018	Integrated Safety Management Policy		
DOE O 458.1, Change 4 (LtdChg)	09/15/2020	Radiation Protection of the Public and the Environment		ES&H-related Directive included in WSS. See Footnote (3).
DOE O 460.1D Change 1 (LtdChg)	06/10/2022	Hazardous Materials Packaging and Transportation Safety		

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DOE O 460.2B	06/10/2022	Departmental Materials Transportation and Packaging Management		
DOE O 470.1A	12/18/2024	Safeguards And Security Program Management Operations		
DOE O 470.3C Change 2 (LtdChg)	02/23/2024	Design Basis Threat (DBT) Order		
DOE O 470.4C	12/18/2024	Safeguards And Security Planning		
DOE O 470.5A	12/06/2024	Insider Threat Program		
DOE O 470.6, Change 1 (MinChg)	01/11/2017	Technical Security Program		
DOE O 471.1B	03/01/2010	Identification and Protection of Unclassified Controlled Nuclear Information		
DOE O 471.7	02/03/2022	Controlled Unclassified Information		
Compliance Line: Revised Implementation Plan approved April 2024. Implementation Plan completed August 2024.				
DOE O 471.6, Change 4 (LtdChg)	08/22/2023	Information Security		
DOE O 472.2A Change 1 (LtdChg)	10/28/2024	Personnel Security		
DOE O 473.1A	08/30/2021	Physical Protection Program		
DOE O 473.2A	08/30/2021	Protective Force Operations		
DOE O 474.2A, Change 1 (AdminChg)	04/16/2024	Nuclear Material Control and Accountability		
DOE O 475.1	12/10/2004	Counterintelligence Program		
DOE O 475.2B	10/03/2014	Identifying Classified Information		
DOE M 481.1-1A Change 1	09/28/2001	Reimbursable Work For Non-Federal Sponsors Process Manual		
DOE O 484.1, Change 4 (LtdChg)	10/28/2024	Reimbursable Work for the Department of Homeland Security		
DOE O 486.1A	09/04/2020	Foreign Government Sponsored or Affiliated Activities		
DOE O 520.1B, Change 2 (LtdChg)	12/18/2024	Financial Management and Chief Financial Officer Responsibilities		
DOE O 522.1A Change 1 (LtdChg)	10/28/2024	Pricing of Departmental Materials and Services		
DOE O 534.1B	01/06/2003	Accounting		

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DOE O 550.1, Change 1 (LtdChg)	12/13/2019	Official Travel		
DOE 2340.1C	06/08/1992	Coordination of General Accounting Office Activities		

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Work Smart Standards (WSS) Sets				
Required Compliance Document	Approval Date	Title	Change # Submission Date	Notes and Comments
WSS Set 45		Oak Ridge Institute for Science and Education (ORISE) Work Smart Standards Set	02/18/2025	

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 a 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.