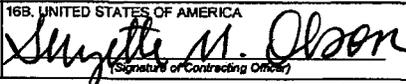


NOT SPECIFIED /OTHER

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 7	
2. AMENDMENT/MODIFICATION NO. 161	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701	7. ADMINISTERED BY (If other than item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	CODE 00701	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BATTELLE ENERGY ALLIANCE, LLC Attn: Lisa A. Sehlke P.O. BOX 1625 IDAHO FALLS ID 834150001		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)	
CODE 152020629	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517	10B. DATED (SEE ITEM 13) 11/09/2004	
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 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) N/A				
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 date, 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: See Block 14 for Modification Authority			
	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 _____ 1 _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Block 13 C of Standard Form 30: Clause I.14, Laws Regulation and DOE Directives and Part III, Section J, Attachment G List of Applicable DOE Directives (List B) The purpose of this modification is to update Part III Section J, Attachment G, List of Applicable DOE Directives (List B) as listed in the attached Modification Information Page. Subj to Retent: N Period of Performance: 11/09/2004 to 09/30/2014				
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) Lisa A. Sehlke		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Suzette M. Olson		
15B. CONTRACTOR/OFFICER  (Signature of person authorized to sign)		15C. DATE SIGNED 12-8-09	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 12/08/2009
NSN 7540-01-152-8070 Previous edition unusable		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

NOT SPECIFIED /OTHER

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 7
2. AMENDMENT/MODIFICATION NO. 161	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415	CODE 00701	7. ADMINISTERED BY (If other than Item 6) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415	CODE 00701
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BATTELLE ENERGY ALLIANCE, LLC Attn: Lisa A. Sehlke P.O. BOX 1625 IDAHO FALLS ID 834150001		(x) 9A. AMENDMENT OF SOLICITATION NO.	
		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517	
		10B. DATED (SEE ITEM 13) 11/09/2004	
CODE 152020629	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)

N/A

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 date, 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: See Block 14 for Modification Authority
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

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

Block 13 C of Standard Form 30: Clause I.14, Laws Regulation and DOE Directives and Part III, Section J, Attachment G List of Applicable DOE Directives (List B)

The purpose of this modification is to update Part III Section J, Attachment G, List of Applicable DOE Directives (List B) as listed in the attached Modification Information Page.

Subj to Retent: N

Period of Performance: 11/09/2004 to 09/30/2014

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) Suzette M. Olson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 12/08/2009

Part III Section J, Attachment G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G5 are deleted in their entirety and replaced with the attached Part III Section J, Attachment G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G5.

Current Updates: This Modification of Contract incorporates the following additions, deletions, exclusions and corrections to the applicable DOE Directives.

Directives Added

DOE M 205.1-5, Chg 1 - *Cyber Security Process Requirements Manual*, (CCN 219022);
DOE M 205.1-6, Chg 1 - *Media Sanitization Manual*, (CCN 219022);
DOE M 205.1-7, Chg 1 - *Security Controls/or Unclassified Information Systems Manual*, (CCN 219022);
DOE M 205.1-8, Chg 1 - *Cyber Security Incident Management Manual*, (CCN 219022);
DOE O 350.1, Chg 2 – *Contractor Human Capital Management Program*;
DOE M 470.4-2A, - *Physical Protection*,(CCN 219121)

Directives Removed

DOE M 205.1-5, - *Cyber Security Process Requirements Manual*
DOE M 205.1-6, - *Media Sanitization Manual*
DOE M 205.1-7, - *Security Controls/or Unclassified Information Systems Manual*
DOE M 205.1-8, - *Cyber Security Incident Management Manual*.
DOE M 470.4-2, Chg 1 - *Physical Protection*

All other terms and conditions remain unchanged.

The following DOE directives contain requirements relevant to the scope of work under this contract. In most cases, the requirements applicable to the contractor are contained in a Contractor Requirements Document (CRD) attached to the DOE directive. The Contractor shall continuously evaluate the work scope and contract requirements for opportunities to improve efficiency or creativity. In support of that objective, Section H, Clause H.5 defines a process by which the Contractor may propose alternative methods to the DOE directives listed in this section.

Directive Number	Directive Title
DOE O 110.3A	CONFERENCE MANAGEMENT
DOE O 130.1	BUDGET FORMULATION PROCESS
DOE M 140.1-1B	INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD
DOE O 142.1	CLASSIFIED VISITS INVOLVING FOREIGN NATIONALS
DOE M 142.2-1	MANUAL FOR IMPLEMENTATION OF THE VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
DOE O 142.2A	VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
DOE O 142.3, CHANGE 1	UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM
DOE O 144.1	DEPARTMENT OF ENERGY AMERICAN INDIAN TRIBAL GOVERNMENT INTERACTIONS AND POLICY
DOE O 150.1	CONTINUITY PROGRAMS
DOE O 151.1C	COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
DOE O 153.1	DEPARTMENTAL RADIOLOGICAL EMERGENCY RESPONSE ASSETS
DOE O 200.1A	INFORMATION TECHNOLOGY MANAGEMENT
DOE M 200.1-1, Chapter 9	PUBLIC KEY CRYPTOGRAPHY AND KEY MANAGEMENT
DOE O 205.1A	DEPARTMENT OF ENERGY CYBER SECURITY MANAGEMENT
DOE M 205.1-3	TELECOMMUNICATIONS SECURITY MANUAL <i>(THIS MANUAL IS CLASSIFIED AND IS THEREFORE NOT AVAILABLE ELECTRONICALLY, FOR A COPY OF THIS MANUAL PLEASE CONTACT SHARON SHANK AT (301) 903-3047)</i>
DOE M 205.1-4	NATIONAL SECURITY SYSTEM MANUAL
DOE M 205.1-5 Change 1	CYBER SECURITY PROCESS REQUIREMENTS MANUAL <i>Clarification for DOE M 205.1-5 The Manuals take precedence over the PCSP. If there are questions contact the appropriate point of contact for Classified/Unclassified Cyber Security</i>
DOE M 205.1-6 Change 1	MEDIA SANITATION MANUAL
DOE M 205.1-7 Change 1	SECURITY CONTROLS FOR UNCLASSIFIED INFORMATION SYSTEMS MANUAL
DOE M 205.1-8 Change 1	CYBER SECURITY INCIDENT MANAGEMENT MANUAL
DOE O 206.1	DEPARTMENT OF ENERGY PRIVACY PROGRAM
DOE N 206.4	PERSONAL IDENTITY VERIFICATION
DOE O 210.2	DOE CORPORATE OPERATING EXPERIENCE PROGRAM

Directive Number	Directive Title
DOE O 221.1A	REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
DOE O 221.2A	COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
DOE O 225.1A	ACCIDENT INVESTIGATIONS
DOE O 226.1A	IMPLEMENTATION OF DEPARTMENT OF ENERGY OVERSIGHT POLICY
DOE M 231.1-1A CHANGE 2	ENVIRONMENT, SAFETY, AND HEALTH REPORTING MANUAL <i>Clarification for DOE M 231.1-1A, Chg 2 For purposes of making recordability determinations for those cases involving small subcontractors, as set forth in Attachment 1, Section 3.e, classifications will be made using the best available information, recognizing the constraints involved in accessing medical information of individuals who are not direct employees. Additionally, incorporation of the occupational injury/illness reporting requirements into the contracts of the small subcontractors addressed in this section will be completed by October 1, 2008, allowing for completion of the incorporation as part of the normal contract renewal cycle.</i>
DOE M 231.1-2	OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION
DOE N 234.1	REPORTING OF RADIOACTIVE SEALED SOURCES
DOE O 241.1A CHANGE 1	SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT
DOE O 243.1	RECORDS MANAGEMENT PROGRAM
DOE O 243.2	VITAL RECORDS
DOE O 252.1	TECHNICAL STANDARDS PROGRAM
DOE O 341.1A	FEDERAL EMPLOYEE HEALTH SERVICES <i>The applicability of DOE O 341.1A is limited to the Contractor's Occupational Medical Program, which also provides services to Federal employees.</i>
DOE O 350.1 CHANGE 2	CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAM
DOE O 350.2A	USE OF MANAGEMENT AND OPERATING OR OTHER FACILITY MANAGEMENT CONTRACTOR EMPLOYEES FOR SERVICES TO DOE IN THE WASHINGTON D.C. AREA
DOE O 412.1A	WORK AUTHORIZATION SYSTEM
DOE O 413.1B	INTERNAL CONTROL PROGRAM
DOE O 413.2B	LABORATORY DIRECTED RESEARCH AND DEVELOPMENT
DOE O 413.3A CHANGE 1	PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
DOE O 414.1C	QUALITY ASSURANCE
DOE O 420.1B	FACILITY SAFETY <i>Clarification for DOE O 420.1B: DOE O 420.1B requires compliance with ANSI standards that have been replaced by updated versions. BEA is released from compliance with the outdated versions of the required ANSI standards. It is agreed that compliance will be the most current version of the required ANSI standards cited.</i>
DOE O 420.2B	SAFETY OF ACCELERATOR FACILITIES

Directive Number	Directive Title
DOE O 425.1C	STARTUP AND RESTART OF NUCLEAR FACILITIES
DOE O 430.1B CHANGE 1	REAL PROPERTY ASSET MANAGEMENT
DOE O 430.2B	DEPARTMENTAL ENERGY, RENEWABLE ENERGY AND TRANSPORTATION MANAGEMENT
DOE O 433.1A	MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES
DOE O 435.1 CHANGE 1	RADIOACTIVE WASTE MANAGEMENT
DOE M 435.1-1 CHANGE 1	RADIOACTIVE WASTE MANAGEMENT MANUAL
DOE M 440.1-1A	DOE EXPLOSIVES SAFETY MANUAL
DOE O 440.2B CHANGE 1	AVIATION MANAGEMENT AND SAFETY
DOE M 442.1-1	DIFFERING PROFESSIONAL OPINIONS MANUAL FOR TECHNICAL ISSUES INVOLVING ENVIRONMENT, SAFETY, AND HEALTH
DOE O 442.1A	DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM
DOE O 443.1A	PROTECTION OF HUMAN SUBJECTS
DOE O 450.1A	ENVIRONMENTAL PROTECTION PROGRAM <i>Clarification for DOE O 450.1A: Aspects of DOE O 450.1A, related to offsite monitoring and evaluation of potential impacts to biota in the vicinity of the DOE activity are performed by the Idaho Operations Office, Environmental Surveillance and Research Contractor and are not part of this contract with exceptions. BEA is responsible for compliance with DOE O 450.1A at the INL except for those activities performed by the Idaho Operations Office, Environment Surveillance and Research Contract (see Section J, Attachment F-5) or the ICP Contractor.</i>
DOE M 450.4-1	INTEGRATED SAFETY MANAGEMENT SYSTEM MANUAL
DOE N 456.1	THE SAFE HANDLING OF UNBOUND ENGINEERED NANOPARTICLES
DOE P 456.1	SECRETARIAL POLICY STATEMENT ON NANOSCALE SAFETY
DOE O 460.1B	PACKAGING AND TRANSPORTATION SAFETY
DOE O 460.2A	DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT
DOE M 460.2-1A	RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL
DOE O 470.2B	INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM
DOE O 470.3B	GRADED SECURITY PROTECTION (GSP) POLICY <i>(This Order is classified as (Secret // RD // NOFORN) and will not be available on the Directives portal. For distribution, contact John Fitzgibbons, 301-903-1361, john.fitzgibbons@hq.doe.gov)</i>
DOE M 470.4-1 CHANGE 1	SAFEGUARDS AND SECURITY PROGRAM PLANNING AND MANAGEMENT
DOE M 470.4-2A	PHYSICAL PROTECTION

Directive Number	Directive Title
DOE M 470.4-3A	CONTRACTOR PROTECTIVE FORCE
DOE M 470.4-3 CHANGE 1	PROTECTIVE FORCE <i>Clarification for DOE M 470.4-3 Chg 1: DOE M 470.4-3A, cancels Attachment 2 (CRD) except Section C</i>
DOE M 470.4-4A	INFORMATION SECURITY MANUAL
DOE M 470.4-5	PERSONNEL SECURITY
DOE M 470.4-6 CHANGE 1	NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY
DOE M 470.4-7	SAFEGUARDS AND SECURITY PROGRAM REFERENCES
DOE M 471.1-1 CHANGE 1	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION MANUAL
DOE O 471.1A	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION
DOE M 471.2-3B	SPECIAL ACCESS PROGRAM POLICIES, RESPONSIBILITIES, AND PROCEDURES <i>(This Manual is for "OFFICIAL USE ONLY" and will not be distributed on the Directives' Portal. For distribution please contact: Office of the Director, Office of Security at (202) 586-6775)</i>
DOE O 471.3	IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
DOE M 471.3-1	MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
DOE M 475.1-1B	MANUAL FOR IDENTIFYING CLASSIFIED INFORMATION
DOE O 475.1	COUNTERINTELLIGENCE PROGRAM
DOE O 475.2	IDENTIFYING CLASSIFIED INFORMATION
DOE M 481.1-1A CHANGE 1	REIMBURSABLE WORK FOR NON-FEDERAL SPONSORS PROCESS MANUAL <i>Clarification for DOE M 481.1-1A: For implementation of DOE M 481.1-1A, Intercompany Work Transfers (IWTs) are not within the scope of Work for Others (WFO).</i>
DOE O 482.1	DOE FACILITIES TECHNOLOGY PARTNERING PROGRAMS
DOE O 483.1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
DOE M 483.1-1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS MANUAL
DOE O 484.1	REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY
DOE O 522.1	PRICING OF DEPARTMENTAL MATERIALS AND SERVICES
DOE O 534.1B	ACCOUNTING
DOE O 551.1C	OFFICIAL FOREIGN TRAVEL
DOE O 580.1	DEPARTMENT OF ENERGY PERSONAL PROPERTY MANAGEMENT PROGRAM
DOE O 1450.4	CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/RADIO CONVERSATIONS
DOE O 5400.5 CHANGE 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT
DOE O 5480.19 CHANGE 2	CONDUCT OF OPERATIONS REQUIREMENTS FOR DOE FACILITIES

Directive Number	Directive Title
<u>DOE O 5480.20A</u> <u>CHANGE 1</u>	PERSONNEL SELECTION, QUALIFICATION, AND TRAINING REQUIREMENTS FOR DOE NUCLEAR FACILITIES
<u>DOE O 5480.30</u> <u>CHANGE 1</u>	NUCLEAR REACTOR SAFETY DESIGN CRITERIA <i>DOE O 5480.30 applies to any non-NRC licensed reactor design undertaken or to be deployed at the INL, and to design modifications to the Advanced Test Reactor</i>
<u>DOE O 5610.2</u> <u>CHANGE 1</u>	CONTROL OF WEAPON DATA
<u>DOE O 5639.8A</u>	SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND SENSITIVE COMPARTMENTED INFORMATION FACILITIES
<u>DOE O 5660.1B</u>	MANAGEMENT OF NUCLEAR MATERIALS
<u>DOE O 5670.1A</u>	MANAGEMENT AND CONTROL OF FOREIGN INTELLIGENCE