

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0270	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: Dana Storms 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

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)

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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Clause I.14, DEAR 970.5204-2

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.)

Tax ID Number: 68-0588324

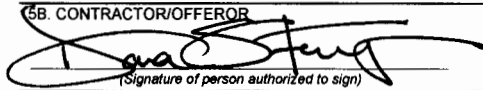

DUNS Number: 152020629

Authority: Clause I.14, DEAR 970.5204-2, List B changes/additions "Laws, regulations, and DOE Directives"

THE PURPOSE OF THIS MODIFICATION IS TO: Make the following revisions/deletions and additions to Part III Section J entitled "List of Attachments": Section J-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-G, List of Applicable DOE Directives (List B), Pages J-G1 - J-G5

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) Dana M. Storms		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 9/20/2013	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 05/30/2013

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

DE-AC07-05ID14517/0270

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NAME OF OFFEROR OR CONTRACTOR

BATTELLE ENERGY ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged. Payment: OR for Idaho U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4368 Oak Ridge TN 37831 Period of Performance: 11/09/2004 to 09/30/2014				

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Tax ID Number: 68-0588324

DUNS Number: 152020629

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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 on File (Signature of Contracting Officer)	16C. DATE SIGNED 05/30/2013

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC07-05ID14517/0270PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
BATTELLE ENERGY ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	All other terms and conditions remain unchanged. Payment: OR for Idaho U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 4368 Oak Ridge TN 37831 Period of Performance: 11/09/2004 to 09/30/2014				

The purpose of this modification is to make the following revisions/deletions and additions to Part III Section J entitled “List of Attachments”:

- **Section J-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-G, *List of Applicable DOE Directives (List B)*, Pages J-G1 - J-G5**

Directives Added

DOE O 144.1, Admin Chg 1 – *Department of Energy American Indian Tribal Government Interactions and Policy*
DOE O 231.1B, Admin Chg 1 – *Environment, Safety & Health Reporting* (DocReview)
DOE O 243.1B – *Records Management Program*, (DocReview)
DOE O 313.1 – *Management and Funding of the Department’s Overseas Presence* (DocReview)
DOE O 414.1D – *Quality Assurance*, (AS-CMD-INL-12-174, CCN 228374)
DOE O 415.1, Admin Chg 1 – *Information Technology Project Management* (DocReview)
DOE O 420.2C – *Safety of Accelerator Facilities* (DocReview)
DOE O 425.1D, Admin Chg 1 – *Verification of Readiness to Start Up or Restart Nuclear Facilities*
DOE O 433.1B, Admin Chg 1 – *Maintenance Management Program for DOE Nuclear Facilities*
DOE O 440.2C, Admin Chg 1 – *Aviation Management and Safety*, (CCN 225397)
DOE M 441.1-1 – *Nuclear Material Packaging Manual* (DocReview)
DOE O 461.1B – *Packaging & Transportation for Offsite Shipment of Materials of National Security Interest* (DocReview)
DOE O 461.2 – *Onsite Packaging & Transfer of Materials of National Security Interest* (DocReview)
DOE O 462.1 – *Import & Export of Category 1 & 2 Radioactive Sources & Aggregated Quantities* (DocReview)
DOE O 470.4B, Admin Chg 1 – *Safeguards and Security Program* (DocReview)
DOE O 551.1D – *Official Foreign Travel*, (CCN 228075)
DOE O 580.1A, Admin Chg 1 – *Department of Energy Personal Property Management Program*, (CCN 228191 and DocReview)

Directives Removed

DOE O 142.1 – *Classified Visits Involving Foreign Nationals* (cancelled by DOE O 470.4B, Admin Chg 1)
DOE O 144.1 – *Department of Energy American Indian Tribal Government Interactions and Policy* (cancelled by DOE O 144.1, Admin Chg 1)
DOE O 231.1B – *Environment, Safety, and Health Reporting* (cancelled by DOE O 231.1B, Admin Chg 1)
DOE O 243.1 – *Records Management Program* (cancelled by DOE O 243.1B)
DOE O 414.1C – *Quality Assurance* (cancelled by DOE O 414.1D)
DOE O 425.1D – *Verification of Readiness to Start Up or Restart Nuclear Facilities* (cancelled by DOE O 425.1D, Admin Chg 1)
DOE O 433.1B – *Maintenance Management Program for DOE Nuclear Facilities* (cancelled by DOE O 433.1B, Admin Chg 1)
DOE O 440.2C – *Aviation Management and Safety*

DOE M 470.4-1, Chg 2 – *Safeguards and Security Program Planning and Management*
(cancelled by DOE O 470.4B, Admin Chg 1)

DOE O 482.1 – *DOE Facilities Technology Partnering Programs* (cancelled by DOE N
251.111)

DOE O 551.1C – *Official Foreign Travel* (cancelled by DOE O 551.1D)

DOE O 580.1 – *Department of Energy Personal Property Management Program* (cancelled
by DOE O 580.1A, Admin Chg 1)

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 130.1	Budget Formulation Process
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board
DOE O 142.2A	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
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 142.3A	Unclassified Foreign Visits and Assignments Program
DOE O 144.1, ADMIN CHG 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 205.1B	Department of Energy Cyber Security Program
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 O 206.1	Department of Energy Privacy Program
DOE N 206.4	Personal Identity Verification
DOE O 210.2A	DOE Corporate Operating Experience Program
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 225.1B	Accident Investigations
DOE O 226.1B	Implementation of Department of Energy Oversight Policy
DOE O 227.1	Independent Oversight Program
DOE O 231.1B, ADMIN CHG 1	Environment, Safety, and Health Reporting
DOE O 232.2	Occurrence Reporting and Processing of Operations Information
DOE O 241.1B	Scientific and Technical Information Management
DOE O 243.1B	Records Management Program
DOE O 243.2	Vital Records
DOE O 252.1A	Technical Standards Program
DOE O 313.1	Management and Funding of the Department's Overseas Presence

DIRECTIVE NUMBER	Directive Title
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 3	Contractor Human Resource Management Programs
DOE O 350.2B	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington D.C. Area
DOE O 410.2	Management of Nuclear Materials
DOE O 412.1A	Work Authorization System
DOE O 413.1B	Internal Control Program
DOE O 413.2B, CHANGE 1	Laboratory Directed Research and Development
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets
DOE O 414.1D	Quality Assurance
DOE O 415.1, ADMIN CHG 1	Information Technology Project Management
DOE O 420.1B, ADMIN CHG 1	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 420.2C	Safety of Accelerator Facilities
DOE O 422.1	Conduct of Operations
DOE O 425.1D, ADMIN CHG 1	Verification of Readiness to Start Up or Restart Nuclear Facilities
DOE O 426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
DOE O 430.1B, CHANGE 2	Real Property Asset Management
DOE O 430.2B	Departmental Energy, Renewable Energy and Transportation Management
DOE O 433.1B, ADMIN CHG 1	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1, CHANGE 1	Radioactive Waste Management
DOE M 435.1-1, CHANGE 2	Radioactive Waste Management Manual
DOE M 440.1-1A	DOE Explosives Safety Manual
DOE O 440.2C, ADMIN CHG 1	Aviation Management and Safety
DOE M 441.1-1	Nuclear Material Packaging Manual
DOE O 442.1A	Department of Energy Employee Concerns Program
DOE O 442.2	Differing Professional Opinions for Technical Issues Involving Environmental,

DIRECTIVE NUMBER	Directive Title
	Safety, and Health Technical Concerns
DOE O 443.1B	Protection of Human Research 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 O 452.8	Control Of Nuclear Weapon Data
DOE O 456.1	The Safe Handling of Unbound Engineered Nanoparticles
DOE P 456.1	Secretarial Policy Statement on Nanoscale Safety
DOE O 458.1, CHG 1 & 2	Radiation Protection of the Public and the Environment
DOE O 460.1C	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 461.1B	Packaging & Transportation for Offsite Shipment of Materials of National Security Interest
DOE O 461.2	Onsite Packaging & Transfer of Materials of National Security Interest
DOE O 462.1	Import & Export Of Category 1 & 2 Radioactive Sources & Aggregated Quantities
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 O 470.4B, ADMIN CHG 1	Safeguards And Security Program <i>(This Order will be fully implemented by September 30, 2012, dependent upon SSIMS being updated to accept the new IOSC Categorization Structure and the re-approval of current deviations.)</i>
DOE M 470.4-6, CHANGE 1	Nuclear Material Control and Accountability
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.3, CHANGE 1	Identifying and Protecting Official Use Only Information
DOE M 471.3-1, CHANGE 1	Manual for Identifying and Protecting Official Use Only Information
DOE O 471.5	Special Access Program <i>(This Order is for Official Use Only and will not be distributed on the Directives' Portal. For distribution, please contact the Executive Secretary Of The Special Access Program Oversight Committee at 202-586-6775)</i>
DOE O 471.6	Information Security

DIRECTIVE NUMBER	Directive Title
DOE O 472.2	Personnel Security
DOE O 473.3	Protection Program Operations
DOE O 475.1	Counterintelligence Program
DOE O 475.2A	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 483.1	DOE Cooperative Research and Development Agreements
DOE M 483.1-1	DOE Cooperative Research and Development Agreements Manual
DOE O 484.1, CHANGE 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 551.1D	Official Foreign Travel
DOE O 580.1A, ADMIN CHG 1	Department of Energy Personal Property Management Program
DOE O 5480.19, CHANGE 2	Conduct of Operations Requirements for DOE Facilities
DOE O 5480.30, CHANGE 1	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>
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities
DOE O 5670.1A	Management and Control of Foreign Intelligence