

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0379	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 ADAM ANDERSEN PO BOX 1625 IDAHO FALLS ID 83415		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE 152020629		FACILITY CODE	9B. DATED (SEE ITEM 11)
		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)

See Schedule

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.
X	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)

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.)

Tax ID Number: 68-0588324

DUNS Number: 152020629

Modification Authority:

Clause I.14, DEAR 970.5204-2, "Laws, Regulations, and DOE Directives," List B change/additions.

Mutual Agreement of both Parties, FAR 43.103(a)(3), and Contract Data Requirements List.

See Attachment A - Information Pages for a full description of this modification.

Continued ...

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) Jeffrey C. Fogg	
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 10/11/2016

CONTINUATION SHEETREFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC07-05ID14517/0379PAGE 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 09/30/2019				

The purpose of this modification is to incorporate changes as described below:

Correct Part III, Section J, Attachment G “List of Applicable DOE Directives (List B)”

The following DOE Directives were removed in error on Modification 365 and are, hereby, re-incorporated into the contract:

- 1) **DOE M 470.4-6, Chg 1** – Nuclear Material Control and Accountability
- 2) **DOE M 205.1-3, Admin Chg 1** – Telecommunications Security Manual

The following DOE Directive was added in error on Modification 365 and is, hereby, removed from the contract:

- 1) **DOE O 470.6** – Technical Security Program

(Note: These errors were identified after the release of modification 365 and both DOE and BEA acknowledged the errors and agreed that they would be formally reversed through a future modification. BEA was directed at that time to continue operations in accordance with List B effective prior to modification 365.)

(end of modification)

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, ADMIN CHG 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE M 142.2-1. ADMIN CHG 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 150.1A	Continuity Programs <i>Note: The applicability of DOE O 150.1A is contingent upon available funding if the scope of the Directive deviates from the BEA COOP Plan. At that time a new Contract Applicability Review would be performed to identify any cost impacts, and submitted to DOE for review.</i>
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 205.1-3, ADMIN CHG 1	Telecommunications Security Manual <i>(This Manual is Classified and is Therefore Not Available Electronically, For a Copy of This Manual, Please Contact Sam Soley at (301) 903-9992)</i>
DOE O 205.1B, CHG 3	Department of Energy Cyber Security Program <i>Note: DOE must authorize INL to perform a Contract Applicability Review if DOE modifies the Senior DOE Management Risk Management Approach Implementation Plan. A modification to this Plan will have a significant impact to INL's Site Risk Management Approach.</i>
DOE O 206.1	Department of Energy Privacy Program
DOE O 206.2	Identity, Credential, and Access Management (ICAM) <i>Note: The applicability of DOE O 206.2 is contingent upon available funding. It is agreed that Battelle Energy Alliance, LLC is released from implementation compliance if no funding is made available by DOE for this activity.</i>
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	Department of Energy Oversight Policy
DOE O 227.1	Independent Oversight Program

DIRECTIVE NUMBER	Directive Title
DOE O 231.1B, ADMIN CHG 1	Environment, Safety, and Health Reporting
DOE O 232.2, ADMIN CHG 1	Occurrence Reporting and Processing of Operations Information
DOE O 241.1B	Scientific and Technical Information Management
DOE O 243.1B, ADMIN CHG 1	Records Management Program
DOE O 252.1A, ADMIN CHG 1	Technical Standards Program
DOE O 313.1	Management and Funding of the Department's Overseas Presence
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, CHG 5	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 P 364.1	Health and Safety Training Reciprocity
DOE O 410.2, ADMIN CHG 1	Management of Nuclear Materials
DOE O 412.1A, ADMIN CHG 1	Work Authorization System
DOE O 413.1B	Internal Control Program
DOE O 413.2B, CHG 1	Laboratory Directed Research and Development
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets
DOE O 414.1D, ADMIN CHG 1	Quality Assurance
DOE O 415.1, ADMIN CHG 1	Information Technology Project Management
DOE O 420.1C, CHG 1	Facility Safety
DOE O 420.2C	Safety of Accelerator Facilities
DOE O 422.1, ADMIN CHG 2	Conduct of Operations
DOE O 425.1D, ADMIN CHG 1	Verification of Readiness to Start Up or Restart Nuclear Facilities
DOE O 426.2, ADMIN CHG 1	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
DOE O 430.1B, CHG 2	Real Property Asset Management
DOE O 433.1B, ADMIN CHG 1	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1, CHG 1	Radioactive Waste Management
DOE M 435.1-1, CHG 2	Radioactive Waste Management Manual

DIRECTIVE NUMBER	Directive Title
DOE O 436.1	Departmental Sustainability
DOE O 440.2C, ADMIN CHG 1	Aviation Management and Safety
DOE O 442.1A	Department of Energy Employee Concerns Program
DOE O 442.2	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns
DOE O 443.1B	Protection of Human Research Subjects
DOE M 450.4-1	Integrated Safety Management System Manual
DOE O 452.8	Control Of Nuclear Weapon Data
DOE O 456.1, ADMIN CHG 1	The Safe Handling of Unbound Engineered Nanoparticles
DOE P 456.1	Secretarial Policy Statement on Nanoscale Safety
DOE O 457.1A	Nuclear Counterterrorism <i>Note: If future work is identified, BEA will conduct a Contract Applicability Review, identify any cost impacts, and submit to DOE for review at that time.</i>
DOE O 458.1, ADMIN CHG 3	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 <i>NOTE: All commonly transported Type B bulk fissile material shipments must include an expanded data set as an appendix to OST F 1540.5 to include the number of product cans along with product can fissile and impurity mass when applicable.</i>
DOE O 461.2	Onsite Packaging & Transfer of Materials of National Security Interest
DOE O 462.1, ADMIN CHG 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, ADMIN CHG 1	Nuclear Material Control and Accountability
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.3, CHG 1	Identifying and Protecting Official Use Only Information
DOE M 471.3-1, CHG 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</i>

DIRECTIVE NUMBER	Directive Title
	<i>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, ADMIN CHG 2	Information Security
DOE O 472.2, CHG 1	Personnel Security
DOE O 473.3	Protection Program Operations
DOE O 475.1	Counterintelligence Program
DOE O 475.2B	Identifying Classified Information
DOE M 481.1-1A, CHG 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 483.1A	DOE Cooperative Research and Development Agreements
DOE O 484.1, ADMIN CHG 2	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 5480.30, CHG 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