

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE 1 OF 7 PAGES

2. AMENDMENT/MODIFICATION NO. M342
3. EFFECTIVE DATE See Block 16C
4. REQUISITION/PURCHASE REQ. NO.
5. PROJECT NO. (If applicable)

6. ISSUED BY U.S. Department of Energy
Richland Operations Office
825 Jadwin Avenue, MSIN A7-80
Richland, WA 99352
7. ADMINISTERED BY (If other than Item 6)
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)
Fluor Hanford, Inc.
2420 Stevens Center
PO Box 1000
Richland, WA 99354
9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC06-96RL13200
10B. DATED (SEE ITEM 13)
08/06/96

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 one (1) copy 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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE 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 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:
Mutual agreement of the contracting parties
 D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

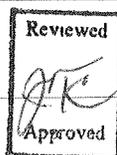
This modification replaces the current PHMC clause H.11, Shutdown Authorization, with the Hanford Site standardized Stop-work and Shutdown Authorization language contained in the attached replacement pages.

Pages H-i, H-ii, H-8, H-9 are replaced by the attached pages H-i, H-ii, H-8, H-9, H-9a and H-9b.

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) D. G. Ruscitto, President and Chief Executive Officer
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gigi H. Branch, Contracting Officer
15B. CONTRACTOR/OFFEROR [Signature]
15C. DATE SIGNED 5/21/09
16B. UNITED STATES OF AMERICA BY [Signature]
16C. DATE SIGNED 5/21/09

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PART I – THE SCHEDULE

**SECTION H
SPECIAL CONTRACT REQUIREMENTS**

TABLE OF CONTENTS

| | | |
|------|--|-----|
| H.1 | SEPARATE CORPORATE ENTITY | 1 |
| H.2 | CHANGES IN KEY PERSONNEL | 1 |
| H.3 | USE OF CORPORATE AFFILIATES..... | 1 |
| H.4 | TRI-PARTY AGREEMENT | 2 |
| H.5 | RESPONSIBLE CORPORATE OFFICIAL | 2 |
| H.6 | THIRD PARTIES | 3 |
| H.7 | GUARANTEE OF PERFORMANCE | 3 |
| H.8 | ENVIRONMENTAL RESPONSIBILITY | 3 |
| H.9 | EARNED VALUE MANAGEMENT SYSTEM | 7 |
| H.10 | EMERGENCY CLAUSE | 7 |
| H.11 | STOP-WORK AND SHUTDOWN AUTHORIZATION..... | 8 |
| H.12 | SHIPMENT NOTIFICATION | 9a |
| H.13 | OPTIONAL SERVICES..... | 11 |
| H.14 | WITHDRAWAL OF WORK | 11 |
| H.15 | USE OF DOE FACILITIES | 11 |
| H.16 | RESERVED..... | 11 |
| H.17 | SUBCONTRACTS CONSENT AND CONTRACT CLAUSE FLOW DOWN REQUIREMENTS | 12 |
| H.18 | SUBCONTRACTOR ENVIRONMENT, SAFETY, QUALITY, AND HEALTH REQUIREMENTS..... | 13 |
| H.19 | ASSIGNMENT OF SUBCONTRACTS | 13 |
| H.20 | INFORMATION..... | 13 |
| H.21 | PRIVACY ACT SYSTEMS OF RECORDS | 15 |
| H.22 | PAYMENTS AND ADVANCES..... | 16 |
| H.23 | ASSIGNMENT OF DOE PRIME CONTRACTS | 19 |
| H.24 | RESERVED..... | 19 |
| H.25 | ADVANCE UNDERSTANDING ON PERSONNEL COSTS, POLICIES AND PROCEDURES..... | 20 |
| H.26 | LEGACY PENSION AND POST RETIREMENT BENEFIT (PRB) PLANS | 20 |
| H.27 | ACTIONS REQUIRED REGARDING LEGACY PENSION AND POST RETIREMENT BENEFIT (PRB) PLANS AT CONTRACT TERMINATION OR EXPIRATION..... | 20c |
| H.28 | LABOR RELATIONS..... | 20d |
| H.29 | DETERMINATION OF APPROPRIATE LABOR STANDARDS..... | 21 |
| H.30 | RESERVED..... | 21 |
| H.31 | HANFORD SITE STABILIZATION AGREEMENT..... | 21 |
| H.32 | RESERVED..... | 23 |
| H.33 | PERFORMANCE OBJECTIVES, MEASURES, EXPECTATIONS, AND FEE DISTRIBUTION..... | 23 |

| | | |
|------|--|----|
| H.34 | SEGREGATION OF COSTS | 28 |
| H.35 | PROVISIONAL PAYMENT OF FEE FOR COMPREHENSIVE AND ANNUAL PBI'S | 29 |
| H.36 | EMPLOYEE PERFORMANCE INCENTIVES, REWARD AND RECOGNITION..... | 29 |
| H.37 | RESERVED | 29 |
| H.38 | RESERVED | 29 |
| H.39 | RESERVED | 29 |
| H.40 | INDIRECT COST ALLOCATIONS..... | 29 |
| H.41 | AUTHORIZATION AGREEMENTS..... | 29 |
| H.42 | RESERVED | 30 |
| H.43 | LOBBYING RESTRICTION (<i>ENERGY & WATER DEVELOPMENT APPROPRIATIONS ACT, 1999</i>) | 30 |
| H.44 | LOBBYING RESTRICTION (<i>DEPARTMENT OF INTERIOR & RELATED AGENCIES APPROPRIATIONS ACT, 1999</i>) | 30 |
| H.45 | TRAVEL RESTRICTIONS..... | 30 |
| H.46 | OCCUPATIONAL MEDICAL RECORDS AND RADIATION EXPOSURE RECORDS | 31 |
| H.47 | WORKERS' COMPENSATION | 32 |
| H.48 | RESERVED | 33 |
| H.49 | ALTERNATIVE DISPUTE RESOLUTION | 34 |
| H.50 | RESERVED | 34 |
| H.51 | CONDITIONAL PAYMENT OF FEE (CPOF) SITE SPECIFIC PERFORMANCE CRITERIA/REQUIREMENTS | 35 |
| H.52 | COUNTERINTELLIGENCE (CI) SITE SPECIFIC REQUIREMENTS | 37 |
| H.53 | ELECTRONIC SUBCONTRACTING REPORTING SYSTEM (eSRS) | 38 |
| H.54 | ENERGY EMPLOYEES OCCUPATIONAL ILLNESS COMPENSATION PROGRAM ACT 2000 (P.L. 106-398) (Funded via a Request for Services [RFS] – See Section C.5.10)..... | 38 |
| H.55 | PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL..... | 39 |
| H.56 | APPROVAL OF WAGE RATES (FAR 52.222-16) (FEB 1988) (MODIFIED)..... | 39 |
| H.57 | ENERGY EFFICIENCY IN ENERGY CONSUMING PRODUCTS..... | 40 |

H.11 STOP-WORK AND SHUTDOWN AUTHORIZATION

a) Definitions:

Imminent Danger: Any condition or practice such that a hazard exists that could reasonably be expected to cause death, serious physical harm, or other serious hazard to employees, unless immediate actions are taken to mitigate the effects of the hazard and/or remove employees from the hazard.

Adversely Affects Safe Operation of Facility or Serious Facility Damage: A condition, situation, or activity that if not terminated or mitigated could reasonably be expected to result in: nuclear criticality; facility fire/explosion; major facility or equipment damage or loss; or, a facility evacuation response.

Stop Work Criteria:

1. Conditions exist that pose an imminent danger to the health and safety of workers or the public; or
2. Conditions exist, that if allowed to continue, could adversely affect the safe operation of, or could cause serious damage to, the facility; or
3. Conditions exist, that if allowed to continue, could result in the release from the facility to the environment of radiological or chemical effluents that exceed applicable regulatory requirements or approvals.

(b) DOE Stop Work Order.

In accordance with Section I, *Contract Clause, I.72, DEAR 970.5223-1 Integration of Environment, Safety, and Health into Work Planning and Execution (DEC 2000)* the DOE Contracting Officer has the ability to issue a DOE Stop Work Order stopping work in whole or in part if:

1. the contractor fails to provide resolution of any noncompliance with applicable requirements and Safety Management System or if,
2. at any time the contractor's acts or failure to act causes substantial harm or an imminent danger to the environment or health and safety of employees or the public.

In addition, a DOE Stop Work Order can be initiated if the Stop Work Criteria as defined in Section H.11 (a) is met dependent on the severity and extent of the condition.

The DOE Stop Work Order shall be executed in accordance with Section I.125 Clause entitled, FAR 52.242-15, STOP-WORK ORDER (*AUGUST 1989*) *Alternate I (APR 1984)*.

(c) DOE Stop Work Action.

DOE personnel provide safety oversight of contractor operations and have the authority to initiate a DOE Stop Work Action if the Stop Work Criteria as defined in Section H.11 (a) is met. DOE personnel have the authority to shutdown an entire facility, activity, or job. Following a DOE Stop Work Action the contractor shall:

1. immediately stop the identified activity or activities (up to and including entire plant shutdown);
2. place the area, activity, facility, etc. into a safe condition;
3. determine actions necessary to address the unsafe condition;
4. provide proposed corrective actions to the DOE initiator of the DOE Stop Work Action;
5. prior to restarting work, inform the DOE initiator that the corrective actions allowing for restart have been completed;
6. restart work only after the unsafe condition is mitigated and the DOE has given verbal direction to allow restart; and
7. if requested, provide DOE a Corrective Action Plan subsequent to the resumption of work in accordance with contractual requirements.

(d) Contractor Stop Work Action

1. The contractor shall establish a stop work process/procedure that:
 - a. meets the requirement of 10 CFR 851.20, *Management responsibilities and worker rights and responsibilities*
 - b. at a minimum uses the Stop Work Criteria defined in Section H.11 (a) for when a Contractor Stop Work Action is required; and
 - c. meets the tenets of the "Stop Work Policy."
2. Upon initiating a Contractor Stop Work Action the contractor shall:
 - a. immediately stop the identified activity or activities (up to and including entire plant shutdown);
 - b. place the area, activity, facility, etc. into a safe condition;

- c. notify the DOE Facility Representative if the Contractor's Stop Work Action meets the Stop Work Criteria defined in Section H.11 (a), or notification of facility management is required for the issue;
- d. determine actions necessary to address the unsafe condition;
- e. restart work only after the unsafe condition is mitigated.

(e) Stop Work Policy.

The following represent the site's Stop Work Policy:

Stop Work Responsibility: Every Hanford site employee, regardless of employer, has the responsibility and authority to stop work IMMEDIATELY, without fear of reprisal, when the employee is convinced:

1. Conditions exist that pose a danger to the health and safety of workers or the public;
or
2. Conditions exist, that if allowed to continue, could adversely affect the safe operation of, or could cause serious damage to, a facility; or
3. Conditions exist, that if allowed to continue, could result in the release from the facility to the environment of radiological or chemical effluents that exceed applicable regulatory requirements or approvals.

Reporting Unsafe Conditions: Employees are expected to report any activity or condition which he/she believes is unsafe. Notification should be made to the affected worker(s) and then to the supervisor or designee at the location where the activity or condition exists. Following notification, resolution of the issue resides with the responsible supervisor.

Right to a Safe Workplace: Any employee who reasonably believes that an activity or condition is unsafe is expected to stop or refuse work without fear of reprisal by management or coworkers and is entitled to have the safety concern addressed prior to participating in the work.

Stop Work Resolution: If you have a "stop work" issue that has not been resolved through established channels, immediately contact your employer's Safety Representative or your Union Safety Representative. Alternatively, you may contact the employer's Employee Concerns Program or the DOE Employee Concerns Program.

H.12 SHIPMENT NOTIFICATION

- A. The Contractor and /or Subcontractors shall notify Energy Northwest seven (7) days in advance (1) of any movement of "common" explosives over 1,800 pounds excluding small arms ammunitions or classified shipments within five (5) miles of Energy

Northwest and/or, (2) of any railroad shipment from/to Hanford north of the rail spur to the Fast Flux Test Facility.

- B. For Radioactive Placard Shipments, the Contractor shall notify the State of Oregon Department of Energy, ATTN: Oregon/Hanford Transport Safety Analyst, for any shipment through Oregon.
- C. The Contractor shall obtain RL and DOE Office of Environmental Management (EM) Headquarters approval prior to shipping placarded low-level and mixed-level wastes, transuranic wastes, and quantities of Type A or greater radioactive material off site. Exempted from these requirements are shipments of samples for analysis as defined in 40 CFR 261.4 and 49 CFR 172.101(c)(11), medical isotopes, shipments of radiation worker laundry, empty containers, shipments to Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico, and intra-site movements that are not moved by an onsite carrier. (The Carlsbad Field Office will obtain approval for shipments of transuranic waste to WIPP.) The Contractor shall use the EM electronic system in accordance with the "Office of Environmental Management Automated Shipping Approval System User's Manual."

For EM radioactive material/waste shipments by motor carrier and/or rail, the additional security measures described below shall be implemented. Documentation that the security measures were performed shall be maintained with the shipping papers.

1. Additional Security Measures to be Implemented for Motor Carriers transporting Radioactive Material/Waste Shipments:

- Verify and document that site security plans require drivers entering the facility for loading/unloading of shipments to sign in at the security gate and be escorted to the loading/unloading location unless a security badge has been issued.
- Verify and document the name of the drivers, who will be entering DOE facilities to pick up shipments to be used for commercial shipments, are on the list provided by the motor carrier.
- Verify and document the motor carriers to be used have provided documentation that all drivers meet the personal security requirements addressed in the U.S. Department of Transportation's (DOT) Security Sensitive Visits.
- Obtain copies of documentation from the carriers that all drivers are citizens of the United State