

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 53
2. AMENDMENT/MODIFICATION NO. M043	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)		
6. ISSUED BY U. S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352	CODE	7. ADMINISTERED BY (If other than item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) CH2M HILL Hanford Group, Inc. PO Box 1500 Richland, WA 99352				(0)	9A. AMENDMENT OF SOLICITATION NO.
					9B. DATED (SEE ITEM 11)
					10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC27-99RL14047
				8	10B. DATED (SEE ITEM 13) September 30, 1999
CODE		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.

Offerors 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)
\$0.00 N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(0)	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: FAR 52.243-2, DEAR 970.5204-2, Clause H.1
	D. OTHER (Specify type of modification and authority)

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

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

SEE NEXT PAGE

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) S.J. Bensussen, Vice President & Chief Counsel		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Judith S. O'Connor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

The purpose of this modification is to perform the following:

a. Revise the submittal requirements of the Functional Support Cost Report from “Semi Annually” to “As Required” in Section F on Table F-1, “Minimum Reporting Requirement and Frequency”.

b. Section F, “Deliveries or Performance”, Clause F.3 “Reporting Requirements” is revised to include subparagraph (f) as follows:

(f) All due dates for deliverables, submittals, or any other requirement in this contract that fall on a non-Federal workday and/or a Hanford site closure day shall be deemed to be due on the next Federal/Hanford workday. Unless otherwise specified, all contractor deliverables for external regulators or agencies will be provided to the U.S. Department of Energy at least one (1) month prior to the date it is due to the external regulator or agency, in accordance with contract clause H.27 “CONTRACTOR DELIVERABLES FOR EXTERNAL REGULATORS OR AGENCIES”.

c. Revise the date specified in H.1 (d) “PBI/SSPBI Cost and Schedule Constraints” to October 1, 2001. This direction was provided in letter 01-BMA-025 dated April 12, 2001.

d. Revise Section, “Baseline Performance,” “Work Authorization,” paragraph, H.07.03 (c) (2), “Annual Work Analysis” to insert the phrase (excluding FY 01) after “By May 31st each year.” This direction was provided in letter 01-BMA-037.

e. Revise paragraph H.1 (g) Superstretch Performance Based Incentives (SSPBIs), 1st paragraph to:

“This incentive provision is established to challenge the Contractor to accomplish significant and mission critical work activities that are in the baseline but not currently funded or which significantly accelerate workscope. SSPBIs should be developed and agreed to prior to the beginning of the fiscal year, but may be developed and implemented during the term of the Contract. The SSPBIs will be incorporated into the contract in Section J, Appendix D, Performance Based Incentives . When the Contractor is ready to activate one of the SSPBIs and after the associated BCWS and fee have been negotiated, it will submit a Baseline Change Request (BCR), if required, to the Contracting Officer. The BCR shall document the scope, cost, and funding source necessary to incorporate the SSPBI workscope into the contract period baseline and whether the proposed SSPBI scope had been previously approved for deletion from the baseline by DOE. The Contracting Officer will notify the Contractor within 20 business days of receipt of the BCR whether or not to proceed with the SSPBI. Failure by the Contracting Officer to provide negative notice within 20 business days of Contractor submission of the BCR to the DOE Change Board shall constitute BCR approval. Upon approval, the Contractor may process the BCR and start work associated with the SSPBI. Should the Contracting Officer disapprove the SSPBI BCR, the Contractor shall be allowed to substitute other SSPBIs of equivalent value. When the work is complete, a package documenting

completion of the work will be prepared and submitted to the Contracting Officer for approval. Approval of the completion package by the Contracting Officer will authorize payment to the Contractor of the fee earned.”

- f. In accordance with I.106 revise Section J, Appendix C, “DOE Directives”, as follows:
- 1) Revise the number on DOE Order 434.1 Contractor Requirements Document (CRD) to DOE Order 534.1A CRD, Accounting.
 - 2) Delete DOE/RL-96-109 Rev 2, “Hanford Site Radiological Control Manual (HSRCM-1, Rev 2). Direction provided on Letter 00-ESHQ-029, dated September 7, 2001.
 - 3) Add DOE Order 442.1A (Supplemental Revision), “Department of Energy Employee Concerns Program”
 - 4) Delete DOE Order 110.3 and replace with DOE Order 110.3 CRD Conference Management
 - 5) Delete DOE Order 130.1 and replace with DOE Order 130.1 CRD Budget Formulation Process
 - 6) Delete DOE Order 210.1 and replace with DOE Order 210.1 CRD Performance Indicators and Analysis of Operations Information
 - 7) Delete DOE Order 251.1A and replace with DOE Order 251.1A CRD Directives System Order
 - 8) Delete DOE Order 350.1 and replace with DOE Order 350.1 CRD Contractor Human Resources Management Program
 - 9) Delete DOE Order 414.1A and replace with DOE Order 414.1A CRD Quality Assurance
 - 10) Delete DOE Order 1220.1A Congressional and Intergovernmental Affairs
 - 11) Delete RLID 5480.19 Conduct of Operations Requirements for RL
 - 12) Delete DOE Order 5530.1A Accident Response Group
 - 13) Delete DOE Order 5530.2 Nuclear Emergency Search Team
 - 14) Delete DOE Order 5530.4 Aerial Measuring Systems
 - 15) Delete DOE Order 5530.5 Federal Radiological Monitoring and Assessment Center
 - 16) Delete DOE Order 5560.1A Priorities and Allocations Program
 - 17) Delete DOE-0225 Hanford Emergency Assessment Resource Manual
 - 18) Delete DOE Manual 140.1 Version 1A and replace with DOE M 140.1-1B Version 1B CRD Interface with the Defense Nuclear Facilities Safety Board

g. Delete the requirement of the submittal of Integrated RPP Communication Plan from Section J, Appendix E, “GUIDANCE FOR OTHER REQUIRED PLANS”. Direction was provided on letter 01-ORP-071, dated May 16, 2001.

h. In accordance with clause H.1, make the following changes to Section J, Appendix D “Performance Based Incentives”:

- 1) Incorporate the attached ORP-01 Revision No. 1 “Project W-314” which was executed on 26 September 2001; remove ORP-01 Revision 0.

- 2) Incorporate the attached ORP-02 Revision No. 1 "Retrieval Systems (W-211/W-521)" which was executed on 26 September 2001; remove ORP-02 Revision 0. Special note: Fee from FY 2001 has been moved to FY 2002 as a result of this change.
- 3) Incorporate the attached ORP-2.1.3S Revision No. 1 "Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging" which was executed on 19 September 2001; remove ORP-2.1.3S Revision 0.
- 4) Incorporate the attached ORP-23 Revision No. 1 "Accelerate W-525 Construction of the Tank Farm Infrastructure and Compliance Upgrades" which was executed on 19 September 2001; remove ORP-23 Revision 0.
- 5) Incorporate the attached ORP-09 Revision No. 1 "Life Cycle Asset Management" for page 1 only; remove page 1 ORP-09 Revision 0
- 6) Incorporate the attached ORP-17 Revision No. 1 "FY 2001 Deferred Work Scope" for page 1 only; remove page 1 ORP-17 Revision 0.
- 7) Incorporate the attached ORP-18 Revision No. 1 "Accelerate Project W-520 Construction of the Immobilized Low Activity Waste Disposal Facility" for page 1 only; remove page 1 ORP-18 Revision 0.
- 8) Incorporate the attached ORP-22 "Accelerate Project W-464 Construction of the Immobilized High Level Waste (IHLW) Storage Facility" for page 1 only; remove page 1 of ORP-22 Revision 0.
- 9) Incorporate the attached ORP-24 "Accelerate Saltcake Retrieval (U-107 Saltcake Dissolution Proof-Of-Concept)" for page 1 only; remove page 1 of ORP-24 Revision 0.
- 10) Incorporate the attached Section J, Table D-1 (Revision 3) remove Table D-1 (Revision 2).
 - i. Add to Section J, Appendix I, "SMALL BUSINESS SUBCONTRACTING PLAN" for Fiscal Year 2001. This plan was approved on ORP Letter 01-AMIC-180, Dated July 5, 2001.
 - j. Section J, Appendix K "Special Bank Account Agreement" is revised to include the attached Modification No. 1 executed on 18 September 2001 which extends the agreement until 30 September 2002.
 - k. Section J is revised to add Appendix L "Site Service Manual, Revision 2" which is incorporated as part of this modification.
 - l. Section J, page J-I is deleted and replaced with the attached page J-i.

m. The Contractor hereby releases the Government from any and all liability under this Contract for any further equitable adjustments attributable to the changes set forth above, except for the changes identified above in subparagraph f. (18) for DOE Manual 140.1 Version 1A being replaced by Version 1B CRD Interface with the Defense Nuclear Facilities Safety Board. The impact of this change on the contractor's subcontractors is not yet known. The contractor has reserved the right to submit a Baseline Change Request subsequent to April 2002, based on impact analysis by the subcontractors of the new flow down requirement.

PART III - LIST OF DOCUMENTS EXHIBITS, AND OTHER ATTACHMENTS
SECTION J
LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

Appendix	Title
A	Key Personnel
B	Advance Understanding on Personnel Costs, Policies and Procedures
C	DOE Directives
D	Performance Based Incentives
E	Guidance for Other Required Plans
F	Environment, Safety, and Health Budget Planning And Execution
G	Guidance for Preparation of Diversity Plan
H	Reserved
I	Small Business Subcontracting Plan (See Modification No. M021 and M043)
J	Wage Determinations under the Service Contract Act
K	Special Bank Account Agreement (See Modification No. M028 and M043)
L	Site Service Manual, Revision 2 (See Modification No. M043)

Table D-1 (Revision 3)

Summary of FY2001 through FY2006
 Performance Based Incentives

			(000)
Number	Title	Percent of Available Fee Pool	Available Fee Pool
ORP-1 R1	Project W-314	15.40%	
ORP-2 R1	Retrieval Systems (W-211 and W-521)	4.10%	
ORP-3	Store Immobilized High Level Waste (IHLW)	2.90%	
ORP-4	Dispose of Immobilized Low Activity Waste (ILAW)	5.50%	
ORP-5	SST Interim Stabilization	8.00%	
ORP-6	Initial Waste Feed Delivery	5.70%	
ORP-7	SST Retrieval - Tank C-104	9.60%	
ORP-8	Facility Stabilization	4.70%	
ORP-9	Life Cycle Asset Management	6.40%	
ORP-10	DST Integrity Assessment Reports	3.40%	
ORP-11	242-A Evaporator Life Cycle Asset Management	1.30%	
ORP-12	Tank Characterization	1.80%	
ORP-13	Tank Farm - Closure Support	6.40%	
ORP-14	SST Retrieval - Tank S-102 (Note: includes SSPBI work, see below)	1.60%	
ORP-15	Corporate Performance	14.70%	
ORP-16	WTP Interim Design and Transition	2.30%	
	Unallocated Fee (See Clause H.1)	6.20%	
	Total	100.00%	\$ 106,100
Super Stretch Performance Incentives (SSPBI)			
Number	Title		Available Fee
	The following SSPBIs are Negotiated and Approved:		
ORP2.1.3S R	Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging		\$ 1,355
ORP3.8.2S	Transfer Waste from 244-AW-104 to Evaporator Feed Tank		\$ 760
ORP8.1.2S	Acceleration of Project W-519		\$ 400
ORP-17 R1	FY2001 Deferred Work Scope		\$ 1,185
ORP-19 R 1	DST Caustic Addition		\$ 1,982
ORP-21	241-SY Primary Ventilation System Backup Exhauster		\$ 201
ORP-24	Accelerate Saltcake Retrieval (U-107)		\$ 704
ORP-25	Vadose Zone Acceleration in Support of SST Farm Closure		\$ 199
ORP-26	Ready 241-AP-102 as an Available Receiver Tank		\$ 147
	Total		\$ 6,933
	The following SSPBIs are Pending Final Negotiation:		
ORP-14	SST Retrieval - Tank S-102		TBD
ORP-18	Accelerate W-520 Construction of the ILAW Disposal Facility		TBD
ORP-20	SST Retrieval Tank S-112		TBD
ORP-22	Accelerate W-464 Construction of IHLW Storage Facility		TBD
ORP-23	Accelerate W-525 Construction of the Tank Farm Infrastructure and Compliance Upgrades		TBD
	The following is a list of Potential SSPBI Areas		
	Remove Organic Layer from C-103		
	Remove SY-103 from Watch List		
	Accelerate SST Retrieval Crawler Development		
	C-106 Closure Evaluation		
	Accelerate SST Leak Detection Upgrade		
	Enhanced Interim Stabilization of Equipment		
	Enhance Interim Stabilization of BY-103 and A-103		

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE

SECTION 1 General Information

Title: Project W-314

Project Baseline Summary (PBS): TW03 Work Breakdown Structure (WBS) 1.01.02.02.02.01

Maximum Available Incentive Fee: *15.4 percent of the total available FY 2001 – 2006 incentive fee pool*

Type: Standard

SECTION 2 Technical Contacts

ORP Point of Contact: W. Taylor/T. Hoertkorn

Contractor Point of Contact: R. Raymond/J. Van Beek

SECTION 3 Performance Expectations and Earning Schedule

General:

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.

Specific Requirements:

1. Complete the following upgrades by September 30, 2001: Items a) through c) below, provide a general scope of construction.
 - a) AY tank farm upgrades for Pit AY-02A and line SN-633 backfill and new SY tank farm annulus ventilation exhauster. (Earn 9% of fee.)
 - b) AW tank farm upgrades: AW tank farm definitive design, Pit AW-B construction that requires open pit, complete new cover block installation, remove cover blocks from Pit AW-A, complete fabrication of nozzle seals, drain plugs, valve handles and actuators, and pour new cover blocks. (Earn 9% of fee.)
 - c) AZ tank farm upgrades: for Pit AZ-01A, Pit AZ-02A and backfill of Lines SN-631, SN-632, and DR-100. (Earn 8% of fee.)
2.
 - a) Complete Installation of the Master Pump Shutdown System by 9/30/02. (Earn 8% of fee.)
 - b) 200 East Waste Transfer System upgrades: new AZ valve pit, lines SLN-3150 and SLL-3160 Acceptance Test Procedures (ATPs) (pressure boundary testing) lines SN-630, SN-634, SN-636, and SN-637 ATPs (pressure boundary testing) by 09/30/02. (Earn 8% of fee.)
3. Complete AZ/AY Transfer System Upgrades and AN Tank Farm Upgrades (Phase 1 and 2) by 9/30/03. (Earn 21% of fee)
4. Complete AP Tank Farm Upgrades by 9/30/04. (Earn 16% of fee.)
5. Complete Project W-314 baseline scope by 6/30/05. (Earn 21% of fee.)

SECTION 4

Performance Requirements

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

The completion dates for Performance Expectations 1 through 4 are target dates. Fee can be earned by completing the performance expectation by a target date. If Performance Expectations 1, 2, 3, or 4 are completed late, the fee associated with the missed performance expectation(s) will be deferred until Performance Expectation 5 is completed. Performance Expectation 5 must be completed by 6/30/05, in order to earn full available fee. All deferred fee will be paid upon completion of Performance Expectation 5.

1. Items a) through c) below give a general scope of construction.
 - a) AY & SY tank farm upgrades:
 - a. Complete ATP for Pit AY-02A.
 - b. Complete Line SN-633 backfill.
 - c. Complete Operational Test Procedure (OTP) for SY annulus ventilation exhaustor.
 - b) AW tank farm upgrades:
 - a. Complete AW tank farm definitive design.
 - b. Complete Pit AW-B construction that requires open pit, complete new cover block installation, and leak detector installation.
 - c. Remove cover blocks from Pit AW-A, complete fabrication of nozzle seals, drain plugs, valve handles and actuators, and pour new cover blocks.
 - c) AZ tank farm upgrades:
 - a. Complete ATP for Pit AZ-01A upgrades.
 - b. Complete ATP for Pit AZ-02A upgrades.
 - c. Complete backfill of Lines SN-631, SN-632, and DR-100.
2. The Master Pump Shutdown System (Programmable Logic Controllers and Human Machine Interfaces) will be installed and the Acceptance Test Report will be issued. Complete ATPs for Waste Transfer System (WTS) Construction.
3. Completion of AZ and AY valve pit and transfer line and AN Tank Farm Upgrade construction.
4. Complete ATPs for AP Tank Farm Upgrades.
5. Project W-314 construction and required startup and turnover activities will be complete. CHG will complete the approved baseline (that is within the CHG/DOE contract period) for project completion including startup and turnover for operation.

Construction completion must meet the criteria in the Project Design Requirements Document and be complete in accordance with design drawings and procurement specifications, which are relied upon by ORP, this would include ORP directed changes to such documents subject to change control approval.

Pit Upgrades & New Pit Construction: Completion is successfully completing construction in accordance with design documents, Acceptance Inspections and ATP, unless otherwise defined in 1-5 above.

For Transfer & Drain lines: Welding complete and accepted and lines hydro tested. Line SN-633, SN-631, SN-632, and DR-100 will be backfilled.

For WTS:

- for pits completion is successfully completing construction in accordance with design documents, and Acceptance Inspections and ATPs.
- for transfer lines completion is successfully completing construction in accordance with design documents, and Acceptance Inspections and ATPs (lines hydro tested).
- WTS transfer lines will be tied into the cross site transfer prior to completion of Project W-314.

DEFINITIONS: *(define terms)*

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

Completion of definitive designs shall be documented by an approved Engineering Data Transmittal (EDT).

Completion of construction and testing activities shall be documented by an approved Job Control System sign-off sheet or status sheet for work related packages and by a Contractor letter documenting completion.

Submittal of the Acceptance Test Report (ATR) is evidence that ATP is complete and shall be submitted with the Performance Expectation Completion Notice.

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

SECTION 5
Signatures

ORP Manager/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE**SECTION 1
General Information**

Title: Retrieval Systems (W-211/W-521)

Project Baseline Summary (PBS): TW04 Work Breakdown Structure (WBS): 1.01.02.02.01

Maximum Available Incentive Fee: *4.1 percent of the total available FY 2001 - 2006 incentive fee pool*

Type: Standard

**SECTION 2
Technical Contacts***ORP Point of Contact: W. Taylor/T. Hoertkorn**Contractor Point of Contact: R. Raymond/J. Holder***SECTION 3
Performance Expectations and Earning Schedule****General:**

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.

Specific Requirements:

1. Complete AZ-101 Title II design, which includes detailed design of a transfer pump, piping jumpers, and supporting equipment that will work in conjunction with the existing AZ-101 mixer pumps to deliver feed to the future processing plant. Designs shall be completed by 9/30/01. (Earn 6% of fee.)
2. a. ~~Complete a TFC/WTP Title II design, which includes detailed design of four transfer lines from the proposed location of the new AP valve pit interface point to the WTP property line (interface point) by 9/30/01. Designs shall be completed by 9/30/01.~~ Note: ORP letter 01-REQ-037, dated 07/27/01, cancelled this requirement. The parties agreed to the following fee rate, or "partial fee," for completion of design through the Architect Engineer checking process (90% Title II complete) for the cancelled requirement in accordance with the Contract Clause H.1.e.: earn 5.1% of fee. The parties further agreed to reallocate the remaining fee of 0.9% to Specific Requirements 2.b. below.
b. Complete TFC/WTP Title II design, which includes detailed design of three transfer lines from the AP tank farm interface point to the WTP property line (interface point). Designs shall be completed by 03/31/02. (Earn 0.9% of fee.)
3. Complete W-211 construction of the new AP-271 annex and existing AP-271 building modifications (W-211-AP24-C2 package), the AZ-156 control building modifications (W-211-AN5-C2 package), and the new AN caustic supply system (W-211-AN5-C3 package) by 5/16/01. (Earn 8% of fee.)
4. Complete AZ-101 retrieval system procurement and construction by 9/30/04. (Earn 20% of fee.)
5. Complete AN-101 retrieval system design, procurement and construction by 9/30/05. (Earn 40% of fee.)
6. Complete Construction/Procurement for AP Farm to Waste Treatment Plant transfer system, including pit modifications and new transfer line by 9/30/06. (Earn 20% of fee.)

SECTION 4

Performance Requirements

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

The completion dates for Performance Expectations 1 through 5 are target dates. Fee can be earned by completing the performance expectation by a target date. If Performance Expectations 1, 3, 4 or 5 are completed late, the fee associated with the missed performance expectation(s) will be deferred until Performance Expectation 6 is completed. Performance Expectation 6 must be completed by 9/30/06, in order to earn full available fee. All deferred fee will be paid upon completion of Performance Expectation 6.

1. By 9/30/01, release the approved AZ-101 design media into the Hanford Document Control System. Completion is defined by approval of the Engineering Data Transmittal associated with the design package. If an ORP critical design review is performed, then completion is defined by transmittal of the CHG-approved design to ORP for critical review.
2.
 - a. Note: See Section 3, Specific Requirements 2. a. above.
 - b. By 03/31/02, release the approved TFC-WTP pipeline design media into the Hanford Document Control System. Completion is defined by approval of the Engineering Data Transmittal associated with the design package. If an ORP critical design review is performed, then completion is defined by transmittal of the CHG-approved design to ORP for critical review.
3. By 5/16/01, complete W-211 construction of the AP-271/AZ-156 control building modifications and the AN caustic supply system. Completion is defined by approval of the Acceptance of Completed Work form.
4. Complete AZ-101 retrieval system procurement and construction. Completion is defined as:
 - Acceptance Test Procedures (ATP) – Each ATP developed during definitive design shall be completed with all steps signed off, exceptions noted, and signed by the government’s A/I representative.
 - As-Built Drawings – Field walkdowns shall be completed, Engineering Change Notices (ECNs) and Nonconformance Reports (NCRs) incorporated, and drawings released to Engineering Document Control.
 - Acceptance for Beneficial Use (ABU) – Each ABU requirement shall be verified as complete, with the ABU approved by Project Management and Operations.
 - Construction Completion – Construction completion shall be documented on the Construction Completion Document approved by the Project, Operations, and the Acceptance Inspection (A/I), and submitted to ORP.
5. Complete AN-101 retrieval system design and procurement and construction. Completion is defined as:
 - Acceptance Test Procedures (ATP) – Each ATP developed during definitive design shall be completed with all steps signed off, exceptions noted, and signed by the government’s A/I representative.
 - As-Built Drawings – Field walkdowns shall be completed, ECNs and NCRs incorporated, and drawings released to Engineering Document Control.
 - Acceptance for Beneficial Use – Each ABU requirement shall be verified as complete, with the ABU approved by Project Management and Operations.
 - Construction Completion – Construction completion shall be documented on the Construction Completion Document approved by the Project, Operations, and the A/I, and submitted to ORP.
6. Complete Construction/Procurement for AP Farm to Waste Treatment Plant transfer system, including pit modifications and new transfer. Completion is defined as:
 - Acceptance Test Procedures (ATP) – Each ATP developed during definitive design shall be completed with all steps signed off, exceptions noted, and signed by the government’s A/I representative.
 - As-Built Drawings – Field walkdowns shall be completed, ECNs and NCRs incorporated, and drawings released to Engineering Document Control.
 - Acceptance for Beneficial Use – Each ABU requirement shall be verified as complete, with the ABU approved by Project Management and Operations.
 - Construction Completion – Construction completion shall be documented on the Construction Completion Document approved by the Project, Operations, and the A/I, and submitted to ORP.

DEFINITIONS: *(define terms)***Design Milestones:**

Title II design will consist of H-14 drawings, a transfer pump procurement specification, and a construction specification.

The Engineering Data Transmittal is the form used to release the design into the Hanford Document Control System.

Construction Milestones:

The AP-271 control building construction consists of a new AP-271 annex and modifications to the existing AP-271 control building as shown in the W-211-AP24-C2 design package.

The AZ-156 control building construction consists of modifications to the existing AZ-156 control building as shown in the W-211-AN5-C2 design package.

The AN caustic supply system construction consists of the installation of a new caustic supply system near AN Tank Farm as shown in the W-211-AN5-C3 design package.

The Acceptance of Completed Work (ACW) is the form used to document acceptance of the completed construction by the facility. In the case of the AN caustic supply system the ACW form will be used to document construction completion.

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*1. AZ-101 Retrieval System:

- AZ-101 retrieval system H-14 design drawings, as shown on the final master drawing list.
- AZ-101 transfer pump procurement specification.
- AZ-101 construction specification.
- Approved Engineering Data Transmittal for release of the design package.

2. TFC-WTP Pipeline:

- a. Completed through the Architect Engineer checking process (90% Title II complete) for item 2.a.
- b.
 - TFC-WTP pipeline design drawings, as shown on the final master drawing list.
 - TFC-WTP pipeline procurement specifications.
 - TFC-WTP pipeline construction specifications.
 - Approved engineering data transmittal for release of the design package.

3. Complete W-211 Construction:

- ACW form for the AP-271 control building construction.
- ACW form for the AZ-156 control building construction.
- ACW form for the AN caustic supply system construction.

4. Requirements items 4, 5, and 6 will be documented through a letter of completion of construction.

Completion of construction of systems shall be defined as: (see Section 4)

- a. Acceptance Test Procedure
- b. As-Built Drawings
- c. Acceptance for Beneficial Use
- d. Construction Completion Document

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

SECTION 5
Signatures

ORP Manager/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE**SECTION 1
General Information**

Descriptive Short Title: Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging

Project Baseline Summary: TW02

Estimated Cost (BCWS): \$6773K¹ (FY 2000/2001)

Maximum Available Incentive Fee: \$1355K (FY 2000/2001)

Type: Superstretch X Multi-Year X

¹FY 2000: \$6773K BCWS + \$1355K Fee = \$8128K Funds

**SECTION 2
Technical Contacts**

ORP Point of Contact: D. Bryson

Contractor Point of Contact: D. Allen/R. Wilson

**SECTION 3
Performance Expectations and Earning Schedule****GENERAL REQUIREMENTS:**

- Both budgeted and actual Cost and Schedule results for this Superstretch incentive will be separated in its PBS so as to have no effect on the fiscal year end calculation of Cost and Schedule Variance used to measure Standard and Stretch incentives.
- Subject to the maximum available incentive fee shown above, the aggregate sum of actual cost and earned fee for all Superstretch incentives will be less than or equal to DOE approved savings as recorded in Contractor's Management Reserve account (i.e., savings from work efficiencies and deletions) at fiscal year end.

SUPERSTRETCH (100%):

- Complete the design of the transfer system tie-ins and associated specifications to connect SY-101 to the cross-site transfer system (targeted for September 30, 2000).
- Submit to ORP a topical report defining the basis for removal of tank 241-SY-101 from the Flammable Gas Watch List (targeted for November 15, 2000), that ORP will submit to DOE-HQ.
- Complete construction, testing, and place system in service by September 30, 2001. PI work scope does not include installation and testing of the over-pressurization protection device (OPD) jumper at the 244-A Lift Station in 200 East Area.

**SECTION 4
Performance Requirements**

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

SUPERSTRETCH A: Submit to ORP a letter outlining completion of this activity, with reference to the engineering documents that provide the evidence the work is completed.

SUPERSTRETCH B: Submit to ORP a topical report defining the basis for removal of tank 241-SY-101 from the Flammable Gas Watch List.

SUPERSTRETCH C: Submit to ORP a letter outlining completion of this activity following completion of the Readiness Assessment.

The completion dates for milestones A and B are target dates. The full fee can be earned by completing the entire project by September 30, 2001.

DEFINITIONS: *(define terms)*

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

FY 2000 PERFORMANCE INCENTIVE

SUPERSTRETCH A: A letter referencing the engineering documents that provide the evidence the work is completed.

SUPERSTRETCH B: A topical report defining the basis for removal of tank 241-SY-101 from the Flammable Gas Watch List. (HNF-EP-0702 Rev. 1 provides criteria for the watchlist.)

SUPERSTRETCH C: A letter referencing completion of the Readiness Assessment with supporting documentation (Acceptance Test Procedures, Operational Test Procedures, Acceptance for Beneficial Use, CHG Readiness to Proceed letter, DOE Readiness Assessment authorization letter).

A letter will be submitted with a listing of the Work Packages under which the fieldwork was completed. Documentation of these Work Packages being "fieldwork complete" will also be provided.

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

- a) Readiness review will be a Readiness Assessment.
- b) The nuclear safety authorization to perform work as described in ORP letter #99-TSD-051 (reference), applies through the submittal*, approval, and implementation of the AB amendment to: (1) close the crust growth USQ, (2) allow discontinued use of the mixer pump for flammable gas hazard mitigation, and (3) enable SY-101 to become an active transfer/receiver tank.
- c) In order to place the system in service (Superstretch C), ORP approval of the AB amendment (submitted in PI ORP#2.1.2, Stretch B) and the ORP/DOE-HQ approval to remove the tank from the Flammable Gas Watch List (Superstretch B above) must be provided no later than January 15, 2001. Delays in contractor submittals to DOE-ORP will result in day-for-day change in the January 15, 2001 date, but will not delay the September 30, 2001 completion date. DOE-ORP delays in action past January 15, 2001 (adjusted for contractor delays per the above) will result in renegotiation of this performance incentive.

* (PI ORP#2.1.2, Stretch B)

Reference: Department of Energy letter, from Richard T. French, ORP, to R. D. Hanson, FDH, "Submittal of Updated Unreviewed Safety Question (USQ) Evaluation and Supplemental Controls for Tank 241-SY-101", #99-TSD-051, April 27, 1999.

SECTION 5
Signatures

ORP Manager/Date

CHG President and General Manager /Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

FY 2001 – 2006 PERFORMANCE BASED INCENTIVE

**SECTION 1
 General Information**

Title: Accelerate W-525 Construction of the Tank Farm Infrastructure and Compliance Upgrades

Project Baseline Summary (PBS): TW04 Work Breakdown Structure (WBS): 1.01.04.2.1.18

Maximum Available Incentive Fee: *Superstretch: Fee Potential = 10-20% BCWS¹*
Total Estimated Superstretch BCWS = \$47,576K

Type: Superstretch

¹ *Subject to final negotiations prior to authorization to proceed with the work associated with this Superstretch Performance Incentive.*

**SECTION 2
 Technical Contacts**

ORP Point of Contact: W. Taylor/T. Hoertkorn

Contractor Point of Contact: R. Raymond/J. Holder

**SECTION 3
 Performance Expectations and Earning Schedule**

General:

1. The Contractor’s final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives (PI) may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.

Specific Requirements:

By 06/30/02, CHG will deliver the Conceptual Design Report (CDR) and Project Execution Plan (PEP) . The current project estimated BCWS for this workscope is \$47.576M for the total project in this contract period.

Specific requirements to be incentivized by this performance incentive including the BCWS and fee, will be negotiated based on the CDR and PEP.

SECTION 4
Performance Requirements

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

- Completion is To Be Determined.

DEFINITIONS: *(define terms)*

N/A

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

- Completion To Be Determined.

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

SECTION 5
Signatures

ORP Manager/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

ORIGINAL FIRST PAGE OF REVISED SS/PBIs

**Consisting of 6 pages
including cover page**

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE**SECTION 1
General Information**

Title: Life Cycle Asset Management

Project Baseline Summary (PBS): TW04

Work Breakdown Structure (WBS) 1.01.04.02.01

Maximum Available Incentive Fee: 6.4 percent of the total available FY 2001 – 2006 incentive fee pool

Type: Stretch

**SECTION 2
Technical Contacts***ORP Point of Contact: D. Bryson**Contractor Point of Contact: D. Allen/M. Ostrom***SECTION 3
Performance Expectations and Earning Schedule****General:**

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives (PI) may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.

Specific Requirements:

The contractor shall:

Using a life cycle asset management approach, implement processes and programs to enhance the reliability of Tank Farm equipment, and evaluate the capability of that equipment to support long-term missions. This Performance Based Incentive (PI) consists of seven elements:

1. Implement and commence execution of the Reliability Centered Maintenance (RCM) program for the Double Shell Tank (DST) Farms. Scope is to develop an administrative procedure for RCM, train key operations, maintenance and engineering personnel and implement as a pilot on one DST system. (9/30/2001) (Earn 19% of fee)
2. Condition assessment evaluations for four tank farms – AW, AP, AY and SY. Scope includes updating the present condition assessment survey procedure to incorporate DOE O 430.1A requirements as it relates to condition assessments, assessing the capability of critical systems to support the long-term Waste Feed Delivery (WFD) mission, and evaluating essential spares and the required maintenance of spares needed to support the WFD mission. (2/28/2002) (Earn 25% of fee)
3. Expand the RCM program developed in FY 2001 to encompass DST ventilation systems. The expanded program will be operational. (9/30/2003) (Earn 13% of fee)
4. Implement pilot predictive maintenance program for DST ventilation systems. (6/30/2003) (Earn 10% of fee)
5. Update Master Equipment List and provide an Operations and Maintenance (O&M) strategy for Tank Farm operations through 2018. (12/31/2004) (Earn 13% of fee)

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE

6. Accomplish C Farm upgrades to support retrieval of C-104. (7/30/2006) (Earn 5% of fee)
7. Complete LCAM Baseline Assessments 5 Year update. (6/30/2006) (Earn 15% of fee)

SECTION 4**Performance Requirements**

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

1. Completion documentation for RCM implementation and commencement of execution shall consist of:
 - Administrative procedure defining RCM implementation for Double Shell Tank Farms
 - Training materials and course completion rosters
 - Report documenting completion of implementation for the pilot system, including system analysis and the resulting new and/or revised maintenance tasks
2. Completion documentation for condition assessment shall consist of:
 - Reports for AP, AW, AY, and SY documenting results and recommendations from the condition assessment evaluations
3. Completion documentation for RCM implementation shall consist of:
 - Report documenting completion of implementation of RCM for DST ventilation systems, including system analysis and the resulting new and/or revised maintenance tasks
4. Completion documentation for implementation of pilot predictive maintenance program for DST ventilation systems shall consist of a letter to ORP providing a copy of the implementing procedure, training rosters, and a report of the baseline readings obtained on the ventilation systems.
5. Completion documentation for the updates accomplished to the Master Equipment List shall consist of a letter detailing the updates made. Complete letter report detailing O&M strategy through 2018.
6. Completion documentation for the C Farm upgrades to support retrieval of C-104 shall be a letter detailing the upgrades.
7. Completion documentation for 5-year update to the LCAM Assessments shall consist of a report for each DST Tank Farm documenting results and recommendations from the condition assessment evaluations, consistent with the acceptance criteria defined by DOE.

DEFINITIONS: *(define terms)*

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

1. Letter documenting completion of the RCM Implementation.
 - Administrative procedure defining the implementation of RCM in the DST Farms.
 - Training materials and course completion rosters for RCM.
 - Supporting document detailing the RCM analysis of the pilot system.

- New/revised maintenance procedures to implement the results of the RCM evaluation of the pilot system.
2. Letter documenting Completion of the condition assessments:
 - Supporting documents for AW, AP, AY, and SY tank farm condition assessments.
 3. Completion documentation for RCM implementation shall consist of:
 - Report documenting completion of implementation of RCM for DST ventilation systems, including system analysis and the resulting new and/or revised maintenance tasks.
 - New/revised maintenance procedures to implement the results of the RCM evaluation.
 4. Letter to ORP providing a copy of the implementing procedure, training rosters, and a report of the baseline readings obtained on the ventilation systems.
 5. Letter to ORP detailing the updates made to the Master Equipment List.
 6. Letter to ORP detailing the upgrades made to C Tank Farm to support retrieval of C-104.
 7. Completion documentation for 5 year update to the LCAM Assessment shall consist of a report for DST Tank Farms documenting results and recommendations from the condition assessment evaluations.

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

SECTION 5
Signatures

ORP Contracting Officer Representative/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

FY 2001 - 2006 PERFORMANCE BASED INCENTIVE

SECTION 1 General Information

Title: Accelerate Project W-464 Construction of the Immobilized High Level Waste (IHLW) Storage Facility

Project Baseline Summary (PBS): TW09 Work Breakdown Structure (WBS):1.01.09.05.02.03

Maximum Available Incentive Fee: *Superstretch: Fee Potential = 10-20% of BCWS¹*

Total Estimated Superstretch BCWS = \$30,000K

Type: Superstretch

¹ *Subject to final negotiations prior to authorization to proceed with the work associated with this Superstretch Performance Incentive.*

SECTION 2 Technical Contacts

ORP Point of Contact: W. Taylor/T. Hoertkorn

Contractor Point of Contact: D. Allen/R. Root

SECTION 3 Performance Expectations and Earning Schedule

General:

1. The Contractor's final fee will be determined in accordance with clause H.1, Performance Based Incentives and Fee Distribution.
2. Performance Based Incentives may be modified to reflect changes to the project baseline resulting from external drivers, such as, submission and approval of TPA change requests for consistency purposes.
3. Acceptable product completion represents technical adequacy and good value to the government.

Specific Requirements:

1. Complete 20 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building by 9/30/05. (Earn 39% of fee.)
2. Complete 60 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building by 9/30/06. (Earn 61% of fee.)

SECTION 4

Performance Requirements

DEFINE COMPLETION: *(Specify Performance Elements and describe indicators of success (quality/progress). Include baseline documentation/data against which completion documentation should be compared.)*

1. Completion is defined as achieving 20 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building.

- Percent Complete = (Total Project Construction BCWP/Total Project Construction BCWS) X 100

2. Completion is defined as achieving 60 percent physical progress of construction of the Project W-464 modifications to the Canister Storage Building.

- Percent Complete = (Total Project Construction BCWP/Total Project Construction BCWS) X 100

DEFINITIONS: *(define terms)*

COMPLETION DOCUMENTS LIST: *(Name the Documents, Databases, etc., which will be submitted to show completion for each Performance Expectation.)*

1. Letter reporting completion of 20 percent of the construction of the Project W-464 modifications to the Canister Storage Building. The letter will contain the basis for the determination that construction is 20 percent complete.
2. Letter reporting completion of 60 percent of the construction of the Project W-464 modifications to the Canister Storage Building. The letter will contain the basis for the determination that construction is 60 percent complete.

ASSUMPTIONS/TECHNICAL BOUNDARY CONDITIONS: *(For reasonably foreseeable impacts to performance that are not within control of Contractor. If the assumption or condition proves false, the remedy is renegotiations unless stated otherwise.)*

SECTION 5

Signatures

ORP Contracting Officer Representative/Date

CHG President and General Manager/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

BANKING AGREEMENT REVISION

**Consisting of 2 pages,
including this cover page**

CH2M HILL HANFORD GROUP, INC.
CONTRACT NO. 402794-A-C3

MODIFICATION NO. 1

SCHEDULE

I. RECITALS

This is a modification to Contract 402794-A-C3, between the contracting parties between the UNITED STATES OF AMERICA, represented by the Department of Energy (hereinafter referred to as DOE); CH2M Hill Hanford Group, Inc. (CHG) corporation/legal entity existing under the laws of the State of Washington located at Richland, Washington (hereinafter referred to as the Bank).

There is now in full force and effect between the parties a contract (Contract 402794-A-C3), entered into on September 21, 2000.

The parties to this contract desire to modify said contract by extending the contract completion date.

II. COVENANTS

1. COVENANTS, Section 7. Shall be deleted and the following substituted therefore:

“This Agreement, with all its provision and covenants, shall be in effect for a term of two years, beginning on the first day of October, 2000 and extending through the thirtieth day of September, 2002, or through the option periods should DOE exercise the options to extend the agreement further in accordance with the provision of (8)(a) below. The exercise of any or all of the option periods is the unilateral right of the DOE.

2. It is understood and agreed that all other terms and conditions of Contract 402794-A-C3 shall remain unchanged.

CH2M HILL HANFORD GROUP, INC.

SMALL BUSINESS SUBCONTRACTING PLAN

CONTRACT: DE-AC27-99RL14047
CLAUSE: H.8 (a)

1.0 Purpose

The CHG Small Business Subcontracting Plan promotes, develops and implements an innovative Small Business (SB), Small Disadvantaged Business (SDB), Small Woman-owned Business (SWOB), HUB Zone Small Business (HUB Zone), Veteran-owned Small Business (VSB), and Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) subcontracting program that ensures business opportunities for minority concerns.

2.0 Strategy for Small Business Involvement

CHG affords SB, SDB, SWOB, HUB Zone and VSB concerns (collectively referred to herein as small businesses) maximum practical opportunity to compete for and furnish materials and services required for the RPP program that fall within the small businesses' demonstrated capabilities. CHG will compile, maintain, and share small business source data with CH2M HILL, Inc. affiliates and with Other Hanford Contractors to enhance increased opportunities for known qualified firms. Where practical, the RPP team will combine program requirements and create bidding opportunities for small businesses. Where applicable, CHG will divide proposed acquisitions of supplies and services (except construction) into reasonably small lots (not less than economic production runs) to permit offers on quantities less than the total requirement; and will ensure delivery schedules are established on a realistic basis to encourage small business participation to the extent consistent with the actual requirements of the Government.

Where appropriate, CHG will look to award certain acquisitions exclusively to small business concerns. The purpose of a set-aside for small business is to reserve an acquisition exclusively for participation by small business concerns. When awarding to large businesses, CHG will encourage those businesses to subcontract a portion of the work to small business concerns. If the award is expected to exceed \$500,000, and there are subcontracting possibilities, CHG will require the successful offeror to submit an acceptable subcontracting plan that separately addresses subcontracting with small businesses (FAR 52.219-9, Alternate II).

CHG Central Procurement, in conjunction with CHG Project Procurement personnel, will ensure that all areas of the RPP team are actively involved in providing these business opportunities. The strategy will include consideration of socio-economic subcontracting requirements in order to meet small business goals. CHG will evaluate opportunities provided by legislation and regulation to implement programs that contain incentives conducive to developing more opportunities for small businesses.

3.0 Small Business Reporting

CHG does require each prospective contractor to submit a Representation and Certification form denoting their status.

CHG will measure the extent of participation by small businesses in terms of the total value of contracts placed during each fiscal year. CHG will report actual performance versus small business goals to ORP on a quarterly basis.

Appendix "A"

Clause I.22, FAR 52.219-9, *Small Business Subcontracting Plan*

1. Name of Prime Contractor: CH2M HILL Hanford Group, Inc.
Address: Post Office Box 1500
Richland, WA 99352-1500
Telephone Number: (509) 376-1155
2. Contract of Solicitation No. DE-AC27-99RL14047
Total Amount of Contract: \$2.602 Billion
Period of Performance: October 1, 1999 through September 30, 2006
Place of Performance: Richland, Washington

Description of Contract Requirements:

CH2M HILL Hanford Group, Inc. shall provide all materials, supplies, services and transportation necessary to perform the Statement of Work as a Prime Contractor to the U.S. Department of Energy, Office of River Protection.

Items 3 through 8 are based on fiscal year (FY) 2001 dollars only.

- | | | |
|----|--|---------------------------------|
| 3. | Total amount of planned subcontracting: | \$114,000,000.00 ⁽¹⁾ |
| | Percentage of total amount of planned subcontract | 32% |
| 4. | Total planned for Small Business concerns: | \$ 36,500,000.00 |
| | Percentage to 3 above | 32% |
| 5. | Total planned for Small Disadvantaged Business concerns: | \$ 3,420,000.00* |
| | Percentage to 3 above | 3.0% |
| 6. | Total planned for Woman-owned Small Business concerns: | \$ 5,700,000.00 |
| | Percentage to 3 above | 5.0% |
| 7. | Total planned for HUB Zone Small Business concerns: | \$ 114,000.00* |
| | Percentage to 3 above | .1% |
| 8. | Total planned for Veteran-Owned Small Business concerns: | \$ 22,800.00* |
| | Percentage to 3 above | .02% |

*This percentage and goal are based on individual vendor's self-certification of their status as a small disadvantaged business owner, HUB Zone Small Business concern, or a Veteran-owned Small Business concern.

(1) Excludes orders placed with other government agencies, foreign owned companies, U.S.DOE directed procurements, educational institutions, and Other Hanford Contractors

9. Items to be subcontracted under this contract and the types of businesses supplying them are: (Check all that apply)

Subcontracting Items	Large Business	Small Business	Small/ Disadv. Business	Women-Owned Small Business	Small HUB Zone Business	Veteran-Owned Small Business
Office Supplies		X	X	X		
Technical Services	X	X	X	X		
Office Equipment		X	X			
Construction Services	X					
Temp. Empl. Svcs.				X		
A/E Services	X	X				
Lab Services	X					
Safety Equipment	X	X	X	X		
Fuels		X	X		X	
Operating Materials	X	X	X	X	X	
Miscellaneous Svcs.	X	X	X	X	X	X

10. The method used to develop small business subcontracting goals:

The goals for small business, HUB Zone small business, small disadvantaged business, and woman-owned small business concerns were developed based on procurement history of CHG's experience at the Hanford Site as well as projections for FY01. A goal for Veteran-owned small business is new in fiscal year 2001.

11. The methods used to identify potential sources for solicitation purposes is as follows:

Existing company source lists: Small Business Administration resources including regional and Headquarters; Pro-Net, small, HUB Zone small business, small disadvantaged, and woman-owned small business concerns trade associations; Trade Fairs; conferences/conventions; workshops; CHG existing source lists; CH2M HILL Inc. source lists; and Hanford Site Small Business Council referrals.

12. Indirect costs are not included in the above goals.

13. The following individuals will administer the subcontracting program:

Name: R. A. Finke
Title: Contract Support Manager
Address: Post Office Box 1500 H6-16, Richland, WA 99352
Telephone: (509) 376-1155

Name: D. M. Wicks
Title: Small Business Advocate
Address: Post Office Box 1500 H6-11, Richland, WA 99352
Telephone: (509) 373-0606

The small business advocate's specific duties as they relate to the firm's small business subcontracting program are as follows:

- a. Provide adequate and timely consideration of the potentialities of small business, small disadvantaged business, women-owned small business, HUB Zone small business, and Veteran-owned small business concerns when working with CHG field personnel in determining "make-or-buy" decisions.
- b. Ensure, in the Project's acquisition of goods and services, that small business, small disadvantaged, woman-owned small business, HUB Zone small business, and Veteran-owned small business concerns are provided the maximum opportunity practicable to compete for subcontracted work and purchased materials within the framework of the CHG contract.

Increase community awareness by preparation and distribution of a CHG Small Business Advocacy Office brochure, participation in small business conferences and training, attendance at community organization meetings (ie. Chamber of Commerce, Rotary, etc.) and direct small business solicitation. Ensure vendor accessibility to future subcontracting opportunities by establishment of an external CHG Contracts and Procurement website.

Interact with Other Hanford Contractors and DOE Small Business Advocacy Offices. Participate in the site Small Business Council activities.

- c. Ensure the establishment and maintenance of records of the total dollar value of solicitations and awards to small business, small disadvantaged business, woman-owned small business, HUB Zone small business, and Veteran-owned small business concerns, large business concerns, and total solicitations and awards.
- d. Prepare and submit semi-annual reports (SF294 & SF295) as required by FAR 52.219-9 on direct procurements to the ORP Contracting Officer.
- e. Develop and maintain source files of small business, small disadvantaged business, woman-owned small business, HUB Zone small business, and Veteran-owned small business concerns for use by the Projects in supporting preparation of site bidders

lists for solicitations of goods and services.

- f. Participate, or ensure participation of company representatives in small business, small disadvantaged business, woman-owned small business, HUB Zone small business, and Veteran-owned small business and Woman Owned Business trade associations, seminars, business opportunity workshops, and outreach programs.
 - g. Cooperate in any studies or surveys or submission of reports (in addition to those in Item d above) as may be required by the U.S. Department of Energy or the U.S. Small Business Administration.
 - h. Establish and maintain adequate records of the above activities to document compliance with this small business subcontracting plan.
 - i. Provide notice to subcontractors concerning penalties and remedies associated with misrepresentations of business status as a small business, HUB Zone small business, Veteran-owned small business, small disadvantaged business, or woman-owned small business concern for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan (FAR 52.219-9, Alternate II).
14. The Contractor will cooperate in any studies or surveys as may be required; submit periodic reports in order to allow the Government to determine the extent of compliance by the officer with the subcontracting plan; will submit Standard Form 294 *Subcontracting Report for Individual Contracts* and Standard Form 295 *Summary Subcontract Report*, as required, and ensure that its subcontractors agree to submit Standard Forms 294 and 295.
15. The Contractor will include the clause in this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except for small business concerns) that receive subcontracts in excess of \$500,000 (\$1,000,000 for construction) to adopt a plan similar to the plan agreed to by the offeror.
16. The WSU Business LINKS is staffed by a CHG employee and offers a variety of services in support of local, small business firms. WSU Business LINKS supports and counsels individuals or groups seeking assistance in the formation of a small business; assists business owners/managers in the development of business plans and financial proposals; identifies and develops client leads, contacts prospective clients, and promotes services; manages the Advanced Business Management Program for established small business owners who want to increase profitability through improved organization, management, and operation of their business; and provides technical assistance to enable clients to deal effectively with business financing, personnel matters, organizational conflict, market analysis, and business phase strategies. WSU Business LINKS works in conjunction with the CHG Small Business Advocate to identify small, local business firms with the potential to fill future subcontracting opportunities.

17. The Contractor will implement a Procurement Recognition Program. This program is intended to incentivize buyers to increase awards to small businesses. These incentives will not exceed a total of \$3,000 per year.
18. The Contractor will make every effort to increase small business set asides and to establish pool(s) of small business subcontractors.

**Site Services Manual
Rev. 2**

_____ S. H. Wisness U.S. Department of Energy Richland Operations Office	_____ Date
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_____ K. K. Fick Office of River Protection	_____ Date
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_____ S. L. Feaster Bechtel Hanford, Inc.	_____ Date
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_____ M. D. Ebben CH2M Hill Hanford Group, Inc.	_____ Date
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_____ J. D. Wood Fluor Hanford	_____ Date
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_____ D. E. Coburn Battelle	_____ Date
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The above signatures represent agreement by the Site Services Board members as to current Site Service Configuration. Formal implementation of this manual will be through Contracting Officer direction.

1.0 DOE Hanford Site Services Overview

Hanford Site Services support the mission and the associated activities assigned to the Hanford Site. A Site Service is defined as work related to the Hanford facilities and program support functions, which are not solely dedicated to one program and can be routinely utilized by more than one contractor. Service providers shall ensure that services are available as needed. In addition DOE may make cost effective Hanford Site Services available to other federal entities, other DOE sites, commercial entities, and may also obtain services from other similar entities.

Providers of Hanford Site Services are selected as the best organizations available with the requisite managerial ability and technical expertise within the area for which they are contracted. They are expected to focus on the integration of their services with Site mission requirements, provide the best value to DOE, and partner with their employees to ensure a safe and productive work environment.

In keeping with these expectations and to ensure Site-wide cost effective management of the services, DOE mandates that the services contractually provided by each service provider will not be duplicated by any other organizational entity on the Hanford Site unless such duplication has been determined by DOE to be in the best interests of the government.

Services that are available for use and are not utilized by all Site contractors are listed in Appendix B. These services are available but do not fall under the guidance of this manual. Service providers may contact the Site Services Board to request that their services be placed on this list.

2.0 Site Services Board

The Site Services Board is established to help DOE effectively manage all Hanford Site Services. The Board will ensure key deliverables are provided to facilitate all planning/budgeting processes and will also provide a forum for dispute resolution. Membership of the Board will consist of a member from each Hanford DOE prime contractor. The DOE-RL Office of Site Services Director will chair the Board along with a co-chair from DOE-ORP. This board will make decisions pertaining to instituting new Site Services, requesting Site Service exceptions, and removing existing Site Services. As an on-going effort, the Site Services Board will perform comprehensive reviews of individual services. Sub-teams may be formed to perform this review.

3.0 The Manual

This document identifies those services that have been identified as mandatory site services versus non-mandatory services that are obtained from other sources in support of Hanford Site missions.

This Hanford Site Services Manual (SSM) lists the Site Services available and the service providers who are responsible for providing the services. Use of the SSM is mandatory through Contracting Officer direction. All Hanford Site contractors who require services must obtain such services from the preferred Service Provider as delineated in Appendix A. The scope of many of the Site Services with designated preferred providers is further defined in enabling documentation not included in the SSM. The DOE Office of Site Services is the RL coordinator for Hanford Site Services and manager for the SSM.

4.0 Obtaining Site Services

Organizations may obtain Site Services by preparing an appropriate enabling document such as a Service Level Agreements, Memorandum of Agreement, Contract Release, Work Order, Customer Service Agreement, Procurement Request, or Letter of Instruction for issue to the contractor providing the Service (service provider). Annual service agreement documents are a preferred methodology for obtaining Site Services and should be negotiated in a manner that supports the requirements-based budgeting process. All requests for services other than emergency services shall be signed by an authorized individual of the requesting organization and must identify viable funding sources.

The requesting organization is responsible for scope definition, quality verification and oversight. The service provider is responsible for ensuring that necessary requirements are met.

5.0 Budget/Planning Process

Delivery of Site Services in a cost effective manner requires integration with site projects and a systematic approach to planning for the utilization of resources.

Projects should utilize data available in each Contractor's current and out year planning forecast to prepare a draft of their planning year work scope. From this draft work scope the projects, in conjunction with the service providers, will identify the level of service requested.

The service provider should develop an enabling document that provides an indication of funding requirements, total resource requirements, and associated work scope deliverables that must be met.

6.0 Mandatory Site Service Definition

Mandatory Site Service: A service that is required by contract, is used by more than one prime contractor and meets at least one of the following criteria:

- 1) Demonstrates proven cost savings
- 2) Requires a large capital investment
- 3) Requires unique or specialized capability
- 4) Improves safety
- 5) Is DOE/Site Services Board directed.

7.0 Instituting New Site Services

Contractors shall not institute new Site Services for use by themselves or other contractors without written authorization from DOE. Requirements for new Site Services – i.e., for Site Services not already available on the Hanford Site – shall be presented to the Site Services Board for coordination and determination of best placement among existing service providers.

8.0 Requesting Mandatory Site Services Exceptions

Requests for an exception to obtaining a Mandatory Site Service from a provider, along with supporting evidence showing why the exception is in the best interest of the government, should be sent to the Site Services Board.

When exceptions are granted, the affected Site Services Appendices will be updated and distributed to all Board members.

9.0 Site Service Complaints

Contractors with a complaint regarding a Site Service should first address complaints to the responsible service provider. If the response is inadequate and resolution cannot be obtained, then the requesting contractor should submit a resolution request to the Site Services Board.

10.0 Costs

All cost allocation methodologies and cost issues will be referred to the Site Finance Board for resolution.

11.0 Service Requester/Provider Agreements

Contractors requesting Site Services and contractors providing such services are expected to jointly develop appropriate enabling documents to which both parties agree. Such documents are normally developed between prime contractors and the agreements reached thereby flow down into their respective organizations.

12.0 “Grand-parenting” Services

Contractors authorized to be “Grand-parented” (also known as “Grandfathered”) to continue to self-perform or continue to procure offsite services that have been deemed a Mandatory Service are indicated in the Appendix A. Any changes to this status will be processed in the same way as an exception (see Section 8.0).

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APPENDIX A

Site Services

Services provided are listed in this Appendix. Each site service includes a brief description, the lead contractor responsible for the service, the preferred service provider, and the DOE Office that has cognizance of the service.

Abbreviations

The following abbreviations are used to indicate DOE offices, contractors and providers responsible for each site service element.

DOE Offices

*AED	Analysis & Evaluation Division
*AMRC	Office of Assistant Manager for River Corridor
*AMSE	Office of Assistant Manager for Safety and Engineering
*AMT	Office of Associate Manager for Science and Technology
HQ OCI	Headquarters Office of Counter-Intelligence
*IPI	Office of Intergovernmental, Public and Institutional Affairs
**ORP	Office of River Protection
*OSS	Office of Site Services
*OTS	Office of Training Services and Asset Transition
*RCA	Regulatory Compliance & Analysis Division
*RL	U.S. Department of Energy, Richland Operations Office
*SES	Office of Security & Emergency Services

* **RL**

** **ORP**

Contractors and Service Providers

AT&T	AT&T Wireless Services	Energy Northwest
	Battelle	FH Fluor Hanford, Inc.
BHI	Bechtel Hanford, Inc.	HEHF Hanford Environmental Health Foundation
BCSO	Benton County Sheriff	JCI Johnson Controls, Inc.
BPA	Bonneville Power Administration	LMSI Lockheed Martin Services, Inc
	Cogema	Unitech
CHG	CH2M HILL Hanford Group, Inc.	PTH Protection Technology Hanford
DYN	DynCorp Tri-Cities Services, Inc.	QWEST QWEST Communications

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List of Mandatory Site Services

<u>Service</u>	<u>Description</u>	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	<u>Grandparented</u>
300 Area Backup Power	Provides operation and maintenance of standby power generating stations. Provides 10 to 30 minute response capability to ensure one nuclear facility in the 300 Area is compliant with SAR requirements.	FH	FH	OSS	
Acceptance Inspection (AI)	Perform Government acceptance of construction projects for the Department of Energy. Performs National Electrical Codes Safety Inspection.	FH	FH	AMSE	Battelle, BHI
Access Control Entry System (ACES)	Provides projects with expertise regarding the overall administration, coordination, and oversight for the site level dosimetry and access control; and technical expertise, management, and administration to conduct requirement based radiation protection program activities.	FH	FH	AMSE	Battelle
Analytical Sample Analysis	FH provides a full range of organic, inorganic, and radiochemical analytical capabilities. Highly radioactive samples are analyzed at the 222-S Laboratory in support of tank waste characterization, retrieval, and pretreatment, and other site projects. The Waste Sampling and Characterization Facility supports all major site programs and projects with the analysis of process control accredited environmental and accredited industrial hygiene, environmental, and industrial hygiene samples with low radioactivity levels. FH operates the Sample Management Office for DOE-RL and has commercial laboratories under contract to support specific analytical needs.	FH	FH	OSS	
	Pacific Northwest National Laboratory [PNNL] has a full suite of process science and engineering, analytical methods development, and high resolution organic, inorganic, and radiochemical analytical capabilities to support research, development, and operational activities. PNNL also provides analytical capabilities for unique analytes, for very low limits of detection, for special quality assurance requirements, and for capacity overflow needs.	Battelle	Battelle	AMT	
Aviation Oversight	Provides coordination and control of aviation activities. Ensures Site compliance with FAA rules for hazards to aviation.	Battelle	Battelle	AED	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Badging	The Central Badging Office (CBO) processes and accounts for permanent security badges for employees, contractors, visitors, vendors and others as well as administering the Hanford Site temporary (self-expiring) security badge program. The CBO issues badges for foreign nationals and verifies security clearance levels for cleared visitors from other DOE sites.	FH	PTH	SES	Battelle
Biohazard Cleanup	Provides direction and supervision of the cleanup of blood borne pathogen spills, and bird, bat, rodent disease control cleanup.	FH	FH	OSS	BHI Battelle (Laboratory)
Calibration Laboratory	Provides for the calibration of laboratory equipment and instrument calibrations. Instrument calibrations are outsourced to Energy Northwest. Work scope includes Measuring and Test Equipment (M&TE) that requires calibration to meet quality, safety or compliance requirements. Work is accomplished in compliance with the Energy Northwest contract and National Calibration Standard Z540 (ANSI/NCSL Z540-1-1994, Calibration Laboratories and Measuring and Test Equipment – General Requirements). Provides NIST traceability; document control; quality records; training and qualifications; proper shipment care and storage of M&TE; calibration ratios, range and tolerances; laboratory management; quality assurance, and In situ calibration services.	FH CHG	FH Energy NW	OSS OSS	Battelle
Calibration of Radiological Instruments	Provides for the calibration of hand held and small portable radiological instruments.	Battelle	Battelle	AMT	
City of Richland Water, Sewer and Sanitation Services	City of Richland provides water, sewer and sanitation services.	DOE		OSS	
Compressed Air Generation 300 Area	Maintains and operates the 300 Area centralized Air Compressors for 20 major facilities.	DOE	JCI	OSS	
Compressed Air Distribution 300 Area	Maintains and supervises the 300 Area Compressed Air Distribution system from centralized air compressors to the serviced facilities.	FH	FH	OSS	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Computerized Accident/Incident Reporting System (CAIRS) Database Administration	Provides database reporting for all OSHA reportable cases, traffic incidents and property damage events.	FH	FH	AED	
Counter-Intelligence	Provides detection and increased employee awareness of potential site-specific intelligence threats directed against Site employees, information, facilities, and technologies, conducts pre and post visit briefings with employees who visit sensitive countries, trains employees who will host or escort foreign national visitors from sensitive countries, and interviews Site employees who report any contact with individuals from sensitive countries or any contact with individuals seeking unauthorized access to classified matter or special nuclear materials.	DOE HQ OCI	Battelle DOE HQ OCI	DOE HQ OCI	
Courier Services	Provides support for priority/emergency documents and materials including, but not limited to, payroll, cost accounting and accounts payable data. Provides support to the medical aid stations in transporting serum blood samples, medical supplies and x-rays, pickup and delivery of the Site's 600 instruments being calibrated, transport of new and used office machines as well as machines to and from repair facilities, and pickup and shredding of classified documents.	FH	FH	OSS	
Crane and Rigging	Provides management, administrative, and planning and scheduling support to Crane and Rigging Operations for movable cranes. Coordinates rental and movement of 20 cranes ranging from 9 ton to 250-ton capacity. Provides support to all preventive maintenance inspections and schedules necessary repairs; technical support and guidance in the procurement of hoisting and rigging equipment; critical lift planning (developing alternative and innovative methods for lifting and scaffolding tasks); and support to supervision of crane crews, riggers (perform complex rigging, ironwork, and scaffold erection and dismantling), crane operators, and drivers (perform heavy hauling and forklift operations).	FH	FH	OSS	BHI Battelle (Fixed Cranes)
Custodial Services	Supports the cleaning of occupancy pool and non-contaminated programmatic facilities.	FH	FH	OSS	BHI Battelle CHG (2704HV, 2750E – conditional through 2003)

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	<u>Grandparented</u>
Desktop Services	Provides for computer maintenance, software, computer network, business machine repair, computer support, redeployment of computer hardware, integration, and related services.	FH	LMSI	OSS	BHI, Battelle
Dosimetry	Provides services related to the monitoring and assessment of employee exposure to radiation at the Site.	Battelle	Battelle	OSS	
Electric Power for 100/200/300	Provides interface with BPA for utility services.	DOE	BPA	OSS	
Electric Power for the 700/1100/3000 Areas	The City of Richland provides electrical power and services.	DOE		OSS	
Electrical Utilities	Provides for operation and maintenance of the Hanford electrical transmission and distribution system from a central electrical Dispatch Center. Provides preventive, predictive and corrective maintenance for the Hanford site electrical system. Maintenance functions include system inspections, high voltage testing, calibrations, repairs, relamping and troubleshooting, focusing on system protection systems. Provides electrical configuration management support to Hanford Site projects and decommissioning activities.	FH	FH	OSS	
Emergency Preparedness	Provides technical and administrative emergency management services to Hanford Emergency Preparedness (EP) Coordinates with DOE EP and DOE Office of Intergovernmental, Public and Institutional Affairs (includes ORP) staff in supporting the Hanford Emergency Operations Center (EOC); maintains and operates the Joint Information Center (JIC) and Occurrence Notification Center (ONC); and manages the Transportation and Radiological Emergency Preparedness Programs. In support of the DOE EP Program, integrates Hanford's Site-wide EP Program, including maintenance of the Hanford Emergency Plan and implementing procedures, managing the Hanford Site Emergency Exercise Program, maintaining the Site Emergency response organization and facilities, training site emergency response members, assisting RL in program management, assisting in the offsite interface program, and assisting with the emergency public information program.	FH	FH	SES	Battelle

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Environmental Compliance	Provides coordination of site-wide permitting, compliance documentation, environmental monitoring, and reporting requirements. Supports Tri-Party Agreement negotiations and milestone tracking.	FH	FH	RCA	
Fabrication Services	Provides fabricated parts, components, and equipment of a routine, prototypical, production or emergency nature meeting specified QA/QC standards. Provides loaned labor skilled in fabrication crafts; welder qualification and weld procedure programs for HAMTC work; procurement, maintenance, handling and disposal of hazardous materials used in support of fabrication services; and facility support to the 272W, 277W, and 328 Buildings housing fabrication services. On a field level maintenance basis, contractors shall be allowed to fabricate incidental construction parts, equipment, and aids in support of their specific projects.	FH	FH	OSS	Battelle
Fire Department	Provides services for DOE Assets which include fire marshall overview authority, fire suppression, pre-fire planning and prevention education, emergency rescue, technical rescue (confined spaces, hazardous areas, cave-ins, trench rescue, and situations where high angle rescue skills are needed), fire watches, emergency medical service, incident command, hazardous materials response, respiratory protection, building and ignitable and reactive waste site inspections. The department operates and maintains four fire stations and two maintenance facilities and has the capability to respond to mutual aid and state mobilization agreements that includes support to Energy Northwest.	FH	FH	SES	
Fire Systems Maintenance & Testing	Provides corrective and preventive maintenance (includes deactivation/reactivation services) and functional tests on fire life safety protection systems, including all components of these systems, and maintains factory certification for all brands of systems.	FH	FH	SES	Battelle
Fleet Maintenance	Services include maintenance and repair of GSA and HO coded vehicles, engineering support, technical procedures, control of suspect/counterfeit fasteners, equipment modification control and facility safety (OSHA), fuel costing and invoicing, fuel delivery to areas not accessible to on-site fueling stations, and commercial equipment rental contracts.	FH	FH	OSS	BHI (field maintenance only)

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Grounds Maintenance	Provides maintenance of common grounds within 200, 300 and 600 Landlord areas. Includes perimeter fence maintenance, lawn and landscape care, annual inspection of facilities, management and maintenance of gravel pits, parking lot and sidewalk cleanup, washing down facilities, signage, and general area cleanup. Additionally, provides surveillance and maintenance to ensure the safety and environmental integrity of the 200, 300 and 600 Landlord Areas. Services include radiological surveillance and monitoring of the road system, 600 Area cleanup sites and with the 200 and 300 Landlord Areas; environmental inspections, monitoring and assistance; annual high and low-water river bank inspection to ensure environmental integrity; and support to spill responses to assure environmental safety.	FH	FH	OSS	Battelle
GSA Vehicle Lease	GSA provides vehicles and equipment, as described in the GSA schedule.	GSA	GSA	OSS	
Guaranteed Ride Home	Provides transportation for qualified holdover personnel from work sites to cities surrounding the Hanford Complex in accordance with the Project Hanford Labor Agreement.	FH	FH	OSS	
Hanford Employee Welfare Trust Benefits/Human Resources	Provides various medical, dental, disability, and other insurances to the employees of several site contractors.	FH	FH		
Hanford Local Area Network Integration	Network Services provides for operation and maintenance of the Hanford Local Area Network (HLAN) infrastructure. Services provided include Network Administration, E-Mail Administration and Support, Internet Support, Remote Access Services, Maintenance and Software Management, Technology Support for Hardware and Software, Network Management and Network Maintenance. Services also include Design Authority and Configuration Management for HLAN.	FH	LMSI	OSS	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Hanford Patrol	Provides security services to the Hanford Site and is an integral part of the protection system and provides responders to alarms, and other emergencies/incidents 24 hours a day, seven days a week. This includes fully qualified Security Police Officers II and III, for protection of site targets, government assets and access control at Site Barricades. This includes the certified explosive detection K-9 and Search Teams. Provides a point-of-contact for 911 dispatch and emergency communications, and Washington State "ASSESS" law enforcement computer systems. Provides alarm and duress monitoring for Hanford Site alarmed facilities as required. Provides in-region tracking for radioactive shipments and single point of contact for all outbound Hanford-related radioactive/hazardous material shipments. Provides crash phone, siren, and traffic and crowd control during emergencies. Provides access control, conducts badge checks, issues temporary badges, and searches for prohibited articles.	FH	PTH	SES	
Hanford Reach Publication	Provides the Hanford Reach publication to the Site.	FH	FH	IPI	
Heavy Equipment Operations	Provides direct support to projects including burial trench excavation, guzzler support, hauling water and gravel to the tank farms; widening and backfilling trenches at the Central Waste Complex, and shoulder grading when equipment is not in use.	FH	FH	OSS	BHI
HEIS/HGIS/WIDS	Provides data management services for three environmental databases: the Hanford Environmental Information System, the Hanford Geographical Information System, and the Waste Information Data System. NOTE: This does not address data information support	BHI	BHI	AMRC	
Industrial Hygiene Laboratory	Provides management, technical and administrative support that provides calibrated and maintained monitoring equipment and supplies to Industrial hygienist and safety personnel on site.	FH	FH	OSS	Battelle
Integrated Site, Vegetation and Animal Control Project (ISVAC)	Activity includes all work associated with management of radioactive and non-radioactive tumbleweeds, industrial and noxious weeds, and control of other biological vectors (such as animals, rodents, and pests) that spread radioactivity. Encompasses spraying along roadways and fence lines for fire protection. Contractors shall be allowed to perform the above activities on specific projects or facilities controlled by the contractors.	FH	FH	OSS	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	<u>Grandparented</u>
Investment Recovery Operations	Provides processes, programs, and disposal of assets no longer required in support of the Hanford mission. Provides processes and support for DOE mandated donations (i.e., Gift Program, Economic Development).	FH	FH	OTS	Battelle (Gift Program)
Job Control System (JCS)	The Job Control System is the Hanford Site standard Computerized Maintenance Management System (CMMS), and is used to identify, plan schedule, electronically authorize, perform, complete and document all levels of work. The JCS is used by CHG and FH, and is categorized as a Hanford Site Essential Computer System, ensuring around-the-clock support. The types of work JCS supports include corrective maintenance, preventive maintenance, modifications, special procedures, and surveillance.	CHG	CHG	ORP	Battelle, BHI, FH
Land Management	Provides integrated use of land for the overall site, individual operating areas, and specific parcels of land through: strategic planning, site selection, performance agreement monitoring, customer needs and requirements; site wide systems integration; investigation, recommendation, implementation; interface, conflict resolution, consensus building; project definition and management; resource protection; institutional control and records management; asset conversion, excess facilities management; promote land as a strategic asset.	FH	FH	OTS	Battelle
Laundry Services	Provides laundry services for radioactive and non-radioactive clothing and supplies used across the Site.	DOE	Unitech	OSS	
Locksmithing Services	Provides locksmith support for the installation, replacement and maintenance of locks, keys and access control systems used by the PHMC, BHI, CHG, DOE RL and ORP for the protection of SNM, nuclear materials, classified matter and government property. PNNL provides locksmith and access control systems support for all facilities owned/leased by the National Laboratory.	FH	PTH	SES	Battelle
Law Enforcement of Site Roads	The Benton County Sheriff's Office (BCSO) conducts all law enforcement activity for the Hanford Site. This includes, but is not limited to, criminal investigations, traffic enforcement, K-9 support (narcotics), dignitary protection services and coordinates all Hanford law enforcement matters, as appropriate, with DOE-RL, Richland Police Department, Federal Bureau of Investigation, Office of the Inspector General and any other law enforcement agency if necessary. The BCSO also works closely with the Hanford Patrol organization to ensure security of the Hanford Site is maintained.	DOE	BCSO	SES	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	<u>Grandparented</u>
Mail	Provides site-wide delivery and pickup of interplant and U.S. Postal mail; maintenance of the mail stop identification number (MSIN); obtaining and maintaining receipts on accountable mail (registered, certified, priority and insured); and addressing services for mail distribution.	FH	FH	OSS	Battelle
Occupancy Pool– Government Owned/Leased Facilities	Management and maintenance of government owned (office space and mobile structures), GSA leases for general-purpose offices and training spaces for facilities that house multiple programs/contractors. May also include facilities that are temporarily occupied by a single program/contractor.	FH	FH	OSS	BHI, Battelle (2750E – conditional through 2003)
Occupational Medical Services	Provides a program of services to assist employees across the Site; medical monitoring and qualification evaluations, tests and services; assessment of employees based on-job task analysis and subsequent data management; field and facility visits for health related purposes; diagnosis and treatment of injury or disease; medical records and medical data extraction; formal monitoring of the medical status of an employee who is either absent from work or has limitations on their ability to work; wellness and immunizations; medical surveillance; and psychological services.	HEHF	HEHF	AMSE	
Paging Services	Provides pager services including maintenance, operation radio spectrum licensing, and other related services. This also includes administration of the regional paging contract (Kelly) and the national paging contract (PageNet).	FH	LMSI	OSS	
Radio Services	Provides for radio communication services including two-way, fire dispatch, safety and emergency preparedness, and security systems.	FH	LMSI	OSS	
Reading Room	Public reading room of DOE literature.	Battelle	Battelle	AMT	
Records Storage	Provide long-term records storage services. These services include receipt, retrieval and retirement.	FH	LMSI	OSS	Battelle
Respiratory Protection	Provides testing and repairs of all self-contained breathing apparatus (SCBA) units, including both fire department units and SCBA belonging to facilities. Tests and maintains all powered air purifying (PAPR) units.	FH	FH	SES	BHI

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Road Services	Provides accident and spill cleanup, grading and sweeping of roads and shoulders, removal of road debris, minor road maintenance including crack sealing, patching, minor paving of potholes, road striping, and snow removal from primary and secondary roads as well as roads within the 200 and 300 Areas (includes parking lots, sidewalks, and the Federal Building). Crews are called out on an "as needed" basis and never on a "stand by" basis. Snow removal priorities are established each season in the "Snow Removal Plan" with BHI taking responsibility for some roads in their work area.	FH	FH	OSS	
Safeguards and Security	Provides for the protection of SAS interests involving the use, processing, possession, receipt, shipment, storage and disposition of special nuclear material (SNM), classified matter, protection of personnel and government property. Responsible for integrating security operations for all subcontractors on the Hanford Site to include cross-cutting activities to protect SNM, classified information, facilities, government assets, and personnel. This includes Program Planning and Administration (includes but not limited to Vulnerability Assessments, Safeguards and Security Plans, SAS Strategic Plans, and technical analysis/security upgrade cost estimates, and special studies to ensure cost-effective SAS applications), Protection Program Management (Physical Security, Security Systems, Badging), Information Security (includes providing protection of classified and unclassified sensitive information generated, processed, and stored on the Hanford Site from loss, damage, and unauthorized disclosure; and integrates Operations Security, Classified Information Systems Security, Classified Matter Protection and Control, the Classification Office, Unclassified Cyber Security, Special Access Programs, Telecommunications Security, Technical Surveillance Countermeasures, and the Foreign National Visits and Assignments Program), Safeguards/Material Control and Accountability, and Personnel Security (includes but not limited to Personnel Security Assurance Program).	FH	PTH	SES	Battelle
Sanitary Waste Disposal	Provides disposal of sanitary solid waste including site-wide collection of approximately 305 dumpsters and management of disposal contracts for solid, biomedical and asbestos waste. Monitors and maintains the closed Hanford Solid Waste Landfill including periodic inspections, soil gas monitoring and leachate management and monitoring. Includes responsibility for operation of the inert and demolition landfill at Pit 9 and for contracts for disposal of solid waste, asbestos, medical waste, and drummed non-hazardous waste.	FH	FH	OSS	

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Sewer Maintenance, Operations and Permits	Maintains the Hanford Site sanitary sewer system infrastructure which consists of the 100-N Wastewater Treatment Plant, 31 DOH permitted subsurface solid absorption systems, 38 active non-permitted systems and multiple inactive, non-permitted systems with 11 DOH permitted holding tanks and sewer collection systems and lift stations in the 300 Area.	FH	FH	OSS	
Solid Waste Storage and Disposal	Provides disposal of low-level waste, designation and shipment of hazardous waste, manages the offsite treatment, storage and disposal facility contracts, provides product determinations, manages orphan wastes, and stores mixed and transuranic wastes.	FH	FH	AMRC	
Steam	Provides steam to support heating and other operations at the Site.	JCI	JCI	OSS	
Technical Library	Provides the Technical Library located at the Richland WSU Campus.	Battelle	Battelle	IPI	
Telecommunication Service	Provides telephone service to the site.	FH	QWEST	OSS	Battelle
Terrorism Response	Hanford Fire Department provides technical expertise and emergency response personnel and equipment for the mitigation and joint Incident Command and control with site security forces for the control of any weapons of mass destruction (WMD) and chemical/biological weapons (CBW) incidents effecting the interest of the US Government. Other emergency response organizations affiliated with Hanford i.e. Hanford Patrol, Benton County Sheriff's Office, Emergency Preparedness, Federal Bureau of Investigation, etc., provide appropriate responses to terrorism activities.	FH	FH	SES	
Tours	Coordinates and conducts road tours of the Hanford Site for large groups of internal and external stakeholders that require buses for transportation if available and appropriate.	FH	FH	IPI	
Traffic Engineering	Provides technical direction for traffic related issues. Works with County Engineers to keep Hanford roads in compliance with state and federal requirements.	FH	FH	OSS	
Ventilation and Balance	Provides testing of ventilation and filters. Additionally, performs ventilation balance to maintain established flows and pressures on systems.	CHG	CHG	ORP	Battelle

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Service	Description	<u>Prime Contractor</u>	<u>Preferred Provider</u>	<u>Responsible DOE Organization</u>	Grandparented
Water Compliance	Provides current water quality monitoring programs for the 11 DOH permitted public water systems in accordance with Federal Safe Drinking Water Act and the WAC. This support includes the cross-connection control program and purveyor responsibilities.	FH	FH	OSS	
Water Utilities	Manages the operation of three river pumping stations, four water reservoirs and associated pumps for a 120-mile distribution system. Operates valves to align water supplies in support of Program needs. Performs line flushes to maintain water quality and line disinfection.	FH	FH	OSS	
Weather Forecasting	Provides meteorological data and forecasting information.	Battelle	Battelle	OSS	
Workers Compensation	Provides for costs associated with Washington State Work Compensation Program	DOE			

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APPENDIX B

List of Available Services

<u>Service</u>	<u>Description</u>	<u>Prime Contractor</u>	<u>Available Provider</u>	<u>DOE Manager</u>
Acquisition Verification Services (AVS)	Provides for maintenance and update of evaluated suppliers qualifications, support processes to ensure that procured items and services meet established requirements and perform as specified, and conduct inspections on procured items, as required to ensure compliance with established acceptance and performance criteria.	FH	FH	ASME
Asbestos Monitoring Service	Provides assistance to projects in areas of facility inspections, bulk sampling, exposure monitoring, abatement services and disposal in accordance with local and federal regulatory requirements (OSHA, EPA and BCAA).	FH	FH	OSS
Cellular Services	Provides Cellular Services for Hanford Contractors.	FH	AT&T	OSS
Digital Photography Services	Provides high-resolution scanning, enhancement, and manipulation of photographic images and high quality output of image files and computer-generated presentations.	FH	LMSI	OSS
Engineering Laboratories	Provides non-radioactive crosscutting engineering, development, testing and deployment services for the Hanford Site. Maintains appropriate unique and fundamental fabrication expertise and equipment including mechanical, electrical and chemical process systems development. Provides test equipment and systems to support the River Protection Project (RPP) gas monitoring and data acquisition operations.	FH	FH	OSS
Engineering NDE	Provides certified NDE engineering technicians and specialist in accordance with American Society of Nondestructive Testing SNT-TC-1A. Maintains radiography sources and x-ray machinery in accordance with DOE and Nuclear Regulatory Commission requirements. Provides radiography, helium testing, ultrasonic examination, eddy current, magnetic particle and liquid penetrate examination processes.	FH CHG Battelle BHI	Cogema	OSS
Graphics Design	Provides display and exhibit production which includes the creation and production of portable or permanent graphics for trade shows, poster presentations, corporate environments, museums, marketing exhibits, corporate events, promotional items and kiosks. Services are concept coordination, design, mock-ups, production and setup.	FH	LMSI	OSS
Just-In-Time (JIT) Buyers	Provides qualified procurement support for the development, negotiation, and administration of purchase orders and contracts.	FH	FH	OSS

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<u>Service</u>	<u>Description</u>	<u>Prime Contractor</u>	<u>Available</u>	<u>DOE Manager</u>
Materials Management	Provides for central stores and inventory management. Activities include maintaining acceptable levels of assigned inventories, operation of the consolidated Receiving, Distribution and Warehousing systems, and reducing the Hanford mortgage by optimizing the management of materials and storage space across the Site. Provides logistics support for the receiving, storage, issuance, distribution, and accountability of government owned property.	FH	FH	OSS/OTS
Media Services	Provides industrial photographers for Site Mission documentation, including zone work, construction and demolition coverage; video production services; and preparation and publication of all document types from standard technical and engineering reports to proposal and high-end “glossy” reports for DOE and public audiences. Responsible for the vending of all photography and document preparation services.	FH	LMSI	OSS
Personal Property Management	Provides for the management of the DOE-owned property located on the Hanford Site. Scope of effort involves management of approximately 72,000 records of property valued at approximately \$4.3 Billion.	FH	FH	OTS
Records Information Management	Provides the records management, document control program, and RIM investment project. Activities include integrated document management, magnetic/microfilm conversion, IRM/CIO investment project, annual RIDS update, facility turnover process and legacy media retrieval.	FH	LMSI	OSS
Reproduction Services	Provides onsite-printing, offsite-printing, duplicating, engineering reproduction and binding services.	FH	FH	OSS
Transportation	Provides operations management support to transit operations, outer area taxi services, office moves, wrecker service and trucking services (transports hazardous materials, wastes and radioactive material; non-regulated waste; excess materials and equipment; water; and support to submarine reactor compartment shipments).	FH	FH	OSS
Video Tele-conferencing	Provides operational support for Video-Teleconferencing (VTC) including room setup and connections.	FH	LMSI	OSS