AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A011	See Block 16c	06-99RL14047.006	

6. ISSUED BY CODE

U.S. Department of Energy
Richland Operations Office
P.O. Box 1000
Richland, Washington 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, Washington 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)* 09/30/99

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

See attached detail (Net Decrease $79,594,190.33)

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

)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Contract Clause B-2, "Obligation of Funds"

E. IMPORTANT: Contractor ⊗ is not, ◉ is required to sign this document and return 3 copies to the issuing office.

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

OBLIGATION NOTICE NO. 6

A. The purpose of this modification is to decrease the amount of funds obligated to this contract by $79,594,190.33. See attached detail.

B. Part I - The schedule, Section B.2A., Obligations of Funds, is hereby decreased by $79,594,190.33. The first sentence of the paragraph is hereby changed to read as follows: "The amount presently obligated by the Government with respect to this contract is zero dollars, zero cents. ($0.00)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Michael D. Ebben, Vice President & CFO	Jewel J. Short, II

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	3-22-00	*(Signature of Contracting Officer)*	3/23/00

Funds must be controlled within specific limitations required by and/or at levels directed by the DOE contracting office. Except as noted below, this document identifies the funding level with corresponding Budget and Reporting (B&R) numbers and for construction line items, the Budget Reference number, that cannot be exceeded. Costs plus commitments at each control point shall not exceed total budget authority (BA) available (Prior year uncosted and current fiscal year obligations) AND must be related to DOE authorized work scope. The following B&R numbers have funding ceilings at a lower level as indicated below:

ACTIVITY	B&R NUMBER	FUNDING CONTROL POINT
Work for other fed. agencies	400000000	By each individual work order from requesting entity.
Work for commercial entities	600000000 650000000	By each individual work order from requesting entity.
Inter-DOE work orders	820101000	By each individual work order from requesting entity.

Note: For modifications with a net change of $0.00, the modification reflects changes in distribution.

FINAL

CH2M HILL HANFORD GROUP, INC.
Modification No. : A011 Requisition No. : ORL/14047.006
Contract ID: RL14047

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
Fin Plan: RL	Fund Type: TE	Approp: 89X0242.91				
39EW02J10	PRN89D17300	$0.00	$0.00	$60,380.00	$60,380.00	$60,380.00
39EW02J10	PRN94D40700	$8,000,000.00	$0.00	$6,357,670.04	$6,357,670.04	$14,357,670.04
39EW02J10	PRN97D40200	$200,000.00	$0.00	$18,171,427.24	$18,171,427.24	$18,371,427.24
39EW02J10	PRN99D40300	$1,000,000.00	$0.00	$17,234,716.97	$17,234,716.97	$18,234,716.97
820200000		$0.00	($79,594,190.33)	($230,975,000.00)	($310,569,190.33)	($310,569,190.33)
EW0200000		$6,298,350.33	$0.00	$251,711,465.27	$251,711,465.27	$258,009,815.60
EW4000000		$70,000.00	$0.00	$1,465,180.48	$1,465,180.48	$1,535,180.48
	Fund Type Total	$15,568,350.33	($79,594,190.33)	$64,025,840.00	($15,568,350.33)	$0.00
	Contract Total	$15,568,350.33	($79,594,190.33)	$64,025,840.00	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A012	See Block 16	06-99RL14047.007	

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Section B, Clause B.2 "Obligation of Funds"

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

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

The purpose of this modification is to transmit the attached report which identifies the funding levels with corresponding Budget and Reporting (B&R) numbers, and for construction line items, the Budget Reference number, that cannot be exceeded. The report reflects changes in distribution only, and a net change of $0.00 in the amount of funds obligated to this contract. The reference contract clause remains unchanged, ($0.00).

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	04/05/00

Funds must be controlled within specific limitations required by law and/or at levels directed by the DOE contracting officer. Except as noted below, this document identifies the funding levels with corresponding Budget and Reporting (B&R) numbers and, for construction line items, the Budget Reference number, that cannot be exceeded. Costs plus commitments at each control point shall not exceed total budget authority (BA) available (Prior year uncosted and current fiscal year obligations) AND must be related to DOE authorized work scope. The following B&R numbers have funding ceilings at a lower level as indicated below:

ACTIVITY	B&R NUMBER	FUNDING CONTROL POINT
Work for other fed. agencies	400000000	By each individual work order from requesting entity.
Work for commercial entities	600000000 650000000	By each individual work order from requesting entity.
Inter-DOE work orders	820101000	By each individual work order from requesting entity.

Note: For modifications with a net change of $0.00, the modification reflects changes in distribution.

FINAL

CH2M HILL HANFORD GROUP, INC.
Modification No. : A012 Requisition No. : ————
Contract ID: RL14047

SF-0030
Page 1

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
Fin Plan: RL	Fund Type: TE	Approp: 89X0242.91				
39EW02J10	PRN89D17300	$0.00	$0.00	$60,380.00	$60,380.00	$60,380.00
39EW02J10	PRN94D40700	$8,000,000.00	$0.00	$6,357,670.04	$6,357,670.04	$14,357,670.04
39EW02J10	PRN97D40200	$200,000.00	$0.00	$18,171,427.24	$18,171,427.24	$18,371,427.24
39EW02J10	PRN99D40300	$1,000,000.00	$0.00	$17,234,716.97	$17,234,716.97	$18,234,716.97
820200000		$0.00	($204,400.00)	($310,569,190.33)	($310,773,590.33)	($310,773,590.33)
EW0200000		$6,298,350.33	$204,400.00	$251,711,465.27	$251,915,865.27	$258,214,215.60
EW4000000		$70,000.00	$0.00	$1,465,180.48	$1,465,180.48	$1,535,180.48
	Fund Type Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M013	See Block 16		

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

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

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* H.18 "Performance Incentives and Fee Distribution"

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

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

The purpose of this modification is to incorporate the attached FY 2000 Performance Incentive (PI) listed below, into Part III, Section J, Appendix D, of the contract. This PI was previously signed by both parties to the contract.

ORP 4.2.1 Revision 1 "AZ-101 Process Test" dated 3/1/00

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	3/18/00

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: AZ-101 Process test

Project Baseline Summary (PBS): TW04

Maximum Available Incentive Fee: $750,000

Type: X Standard X Stretch

SECTION 2
Technical Contacts

ORP Point of Contact: J. A. Poppiti

Contractor Point of Contact: J. G. Cusack

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS: In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and

2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

STANDARD (10%)

1. Complete AZ-101 Process Test (110.070A) by 09/30/00 -- earn 10% of fee

STRETCH (90%)

1. Complete AZ-101 Process Test by 08/30/00 -- earn 20% of fee
2. Complete AZ101 Process Test by 07/28/00 – earn 30% of fee
3. Complete AZ-101 Process Test by 06/30/00 – earn 50% of fee
4. Complete AZ-101 Process Test by 06/06/00 – earn 100% 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.)*

AZ-101 Process Test is complete in accordance with WHC-SD-WM-PTP-027 and Mixer Pump Test Procedure TF-OTP-210-001. Formal transmittal of: a) the completed Operations Test Procedure and b) Test data to ORP, no later than the date specified in Section 3.

DEFINITIONS: *(define terms)*
"Unreasonable Weather Delay" are weather delays in excess of the routine winter delays, and are part of a site work stoppage.

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

Formally issued completed Operations Test Procedure, and Test data

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.)*

1. A day-for-day slip will be accommodated for unreasonable weather delays if written notification of the delay is provided within 5 working days of incurring the delay.
2. If there is a stop work order unrelated to the AY/AZ construction and operations activities, that prohibits operation of the mixer pumps, day-for-day slip will be accommodated if written notification is provided within 5 working days of incurring the delay.
3. No major equipment failure [i.e., mixer pumps, airlift circulators, suspended solids profiler (SSP) and URSILLA] requiring long lead repair.

SECTION 5
Signatures

Manager, ORP/Date

President and General Manager, CHG/Date

ORP Contracting Officer/Date

CHG Contract Representative/Date

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M014	See Block 16		

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT 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)*

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	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* H.18 "Performance Incentives and Fee Distribution"

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

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

The purpose of this modification is to incorporate the attached FY 2000 Performance Incentives (PI) listed below, into Part III, Section J, Appendix D, of the contract. These PIs were previously signed by both parties to the contract.

ORP 2.1.1 Revision 1 "Authorization Basis Management Improvement" dated 3/24/00.
ORP 3.3.1 Revision 1 "Vault Stabilization" dated 3/24/00.

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	3/24/00

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Authorization Basis Management Process Efficiency Improvement
Project Baseline Summary (PBS): TW02
Maximum Available Incentive Fee: $500,000
Type: X Standard X Stretch

SECTION 2
Technical Contacts

ORP Point of Contact: Joe Voice

Contractor Point of Contact: Mike Payne

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS: In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and

2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

STANDARD (100%)

I. Re-evaluate the following Final Safety Analysis Report (FSAR) accidents--earn 25% of fee as specified below:
   a. Re-evaluate the FSAR Spray Leak in Structure or From Waste Transfer Lines (FSAR Section 3.4.2.9), and Surface Leak Resulting in Pool (FSAR Section 3.4.2.7) accidents with historical, industrial failure modes, and plausible accident progression and system responses. Reassess existing controls including Structures, Systems, and Components (SSCs) on the basis of this accident reevaluation. Submit re-evaluated accident analyses and control strategy including appropriate Authorization Basis amendment request for ORP approval byJune 30, 2000--earn 13% of fee; and
   b. Re-evaluate FSAR Flammable Gas Deflagrations (FSAR Section 3.4.2.2) and Natural Phenomena Seismic (FSAR Section 3.4.2.12.3) accidents with historical, industrial failure modes, and plausible accident progression and system responses. Reassess existing controls including SSCs on basis of this accident reevaluation. Submit re-evaluated accident analyses and control strategy including appropriate Authorization Basis amendment request for ORP approval by dates specified for each item in Section 4, item I.--earn 12% of fee.

II. Re-evaluate the following five Authorization Basis controls for tank farm operations—earn 35% of fee as specified below:

   a. Using information and data gained during previous operations, re-evaluate the requirements for the use of portable exhausters during saltwell pumping based on existing flammable gas hazards. Based upon this re-evaluation, submit an Authorization Basis amendment and/or licensing strategy for appropriate use of portable exhausters for the saltwell pumping activity by June 30, 2000--earn 5% of fee.
   b. Using information and data gained during previous saltwell pumping operations, re-evaluate the requirements for the continuous flammable gas monitoring during saltwell pumping operations based on existing flammable gas hazards. Based upon this reevaluation, submit an Authorization Basis amendment and/or licensing strategy for flammable gas monitoring for the saltwell pumping activity by June 30, 2000--earn 5% of fee.
   c. Using information and data gained during previous operations, re-evaluate the requirements for the current set of controls associated with lightning in the area. Based upon this re-evaluation, submit an Authorization Basis amendment and/or licensing strategy for appropriate lightning controls by April 30, 2000--earn 5% of fee.
   d. Re-evaluate the FSAR Tank Bump accident (FSAR Section 3.4.2.11) using historical data, industrial failure modes, plausible accident scenarios, and system responses. Reassess existing controls, in particular temperature controls, based on this accident reevaluation. Submit re-evaluated accident analysis and control strategy including appropriate Authorization Basis amendment request for ORP approval by June 30, 2000--earn 10% of fee.

e. (1) Develop criteria and identify conditions under which double-valve isolation mechanisms can be used for ensuring that tank farm piping systems are physically disconnected when required by the FSAR controls; and (2) Based on identified criteria and conditions above, submit an Authorization Basis amendment to modify applicable TSRs to allow use of double-valve isolation as an option to the current TSR requirement of "PHYSICALLY CONNECTED" as identified in Section 1.1 of the TSR document. Submit Authorization Basis amendment based on items (1) and (2) above byJune 30, 2000--earn 10% of fee.

III. Disposition FSAR Safety Evaluation Report (TWRS-RT-SER-003) Attachment 3 Directed Changes by November 30, 1999--earn 1% of fee.

IV. Disposition FSAR Safety Evaluation Report (TWRS-RT-SER-003) Attachment 4 and 5 Directed Changes by June 30, 2000--earn 1% of fee.

V. Develop a crosswalk between FSAR programmatic chapter requirements (FSAR Chapters 6 through 17) and RPP environmental, safety, health, and quality programs by September 30, 2000--earn 5% of fee. For each FSAR programmatic requirement, the crosswalk should identify the program documents (e.g., manuals, procedures, and directives) that implement FSAR requirements including inconsistencies.

VI. Update radiological and toxicological source term documents (i.e., WHC-SD-WM-SARR-037, WHC-SD-WM-SARR-011, and WHC-SD-WM-SARR-016) to reflect plausible best known tank inventory as of 11/30/99. Using these plausible values, recalculate source term unit liter dose, and reassess consequent source term tank groupings by June 30, 2000; update toxicological methodology by September 30, 2000--earn 25% of fee.

VII. Implement a hazard database configuration program that ensures the integrity of electronic management of Authorization Basis data by March 31, 2000--earn 2% of fee.

VIII. Implement an AB requirements database by September 30, 2000. This database should allow tracking of FSAR and Technical Safety Requirement (TSR) control requirements flow-down to implementing operational and programmatic procedures--earn 3% of fee.

IX. Re-evaluate the post Tank 241-C-106 sluicing hazards in Tank 241-AY-102 and Tank 241-C-106. Submit re-evaluated accident analyses and control strategy including appropriate Authorization Basis amendment request for ORP approval by August 31, 2000--earn 2% of fee.

X. Develop a tank structural integrity assessment program strategy and recommendation report. The report will identify candidate program elements including justification for its selection; cost and safety benefit, scheduler and implementation issues, for each item; and contractor recommendation for program implementation. Submit to ORP for consideration by January 31, 2000--earn 1% 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.)*
STANDARD:

I. (a) and (b) Completion is achieved by submitting a licensing strategy and/or Authorization Basis amendment with adequate justification for modifying the applicable FSAR and TSR sections, and a cost benefit analysis of any proposed changes. Part I(b) includes: (1) A licensing strategy and engineering justification for an appropriate safety classification designation for SSTs and DSTs--May 31, 2000; (2) An assessment of the viability of using 60% of the lower flammability limit (LFL) as an action level in the TSR Flammable Gas control strategy instead of 25% of the LFL as allowed by National Fire Protection Association--May 31, 2000; (3) An AB Amendment for Flammable Gas controls for DCRTs and Transfer Systems. (This is the FG USQ closure package for these facilities.)--June 30, 2000; and (4) A licensing strategy and evaluation of the viability of eliminating the limiting condition of operation (LCO) for SST and DST ventilation--June 30, 2000.

II.(a) thru (d) Completion is achieved by submitting a licensing strategy and/or Authorization Basis amendment with adequate

justification for modifying the applicable FSAR and TSR sections, and a cost benefit analysis of any proposed changes.

II. (e) Completion is achieved by submitting an Authorization Basis amendment with adequate justification for modifying the applicable FSAR and TSR sections, and a cost benefit analysis of any proposed changes.

III. Successful completion of item III requires agreement with ORP for disposition of FSAR Safety Evaluation Report (SER) items identified in Attachment 3.

IV. Successful completion of item IV requires agreement with ORP for disposition of FSAR SER items identified in Attachments 4 and 5.

V. A database identifying the crosswalk between FSAR requirements (FSAR Chapters 6 through 17) and RPP environmental, safety, health, and quality programs requirements.

VI. Completion is achieved by submitting revised source term documents (WHC-SD-WM-SARR-037, WHC-SD-WM-SARR-011, and WHC-SD-WM-SARR-016) to reflect updated unit liter doses, toxicological methodology, and tank groupings based on tank inventory as of 11/30/99.

VII. Completion is achieved by submitting a Hazards Database configuration plan that allows electronic maintenance of Authorization Basis hazards data including provisions for tracking and approving changes.

VIII. Completion is achieved by developing a database that can be used to identify FSAR and TSR control requirements flow-down to implementing operational and programmatic procedures.

IX. Completion is achieved by submitting licensing strategy, Authorization Basis amendment, cost benefit analysis of proposed changes, and an adequate justification for modifying the applicable FSAR and TSR sections for tanks 241-C-106 and 241-AY-102 based on the post 241-C-106 sluicing conditions.

X. Completion is achieved by submitting for ORP consideration a tank structural integrity assessment program strategy and recommendation report.

DEFINITIONS: *(define terms)*

1. **Disposition** in items III. And IV. includes disposition of SER comments with ORP including cost and draft schedule for completion of activities.

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

I. (a) and (b) a licensing strategy, cost benefit analysis, FSAR (HNF-SD-WM-SAR-067), and TSR (HNF-SD-WM-TSR-006) page changes as required.

II. For items II (a) thru II (d) a licensing strategy, cost benefit analysis, FSAR (HNF-SD-WM-SAR-067) and TSR (HNF-SD-WM-TSR-006) page changes as required.

For item II (e) Cost benefit analysis, FSAR (HNF-SD-WM-SAR-067), and TSR (HNF-SD-WM-TSR-006) page changes as required, and criteria and conditions for use of double-valve isolation option.

III. TWRS-RT-SER-003, Attachment 3 Directed Changes, disposition documentation.

IV. TWRS-RT-SER-003, Attachment 4 and 5 Directed Changes, disposition documentation.

V. A database identifying the crosswalk between FSAR requirements (FSAR Chapters 6 through 17) and RPP environmental, safety, health, and quality programs requirements.

VI. Revised source term documents (WHC-SD-WM-SARR-037, WHC-SD-WM-SARR-011, WHC-SD-WM-SARR-016).

VII. Hazards analysis Configuration Management Program Plan (Implementation will be verified by ORP).

VIII. Database management system for tracking facility compliance (ORP will validate implementation).

IX A licensing strategy, cost benefit analysis, FSAR (HNF-SD-WM-SAR-067), and TSR (HNF-SD-WM-TSR-006) page changes as required.

X. A tank structural integrity assessment program strategy report.

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

3/22/00
Division Director, ORP/Date

3/22/00
President and General Manager, CHG/Date

3/24/00
ORP Contracting Officer/Date

3/24/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Vault Stabilization

Project Baseline Summary (PBS): TW03

Maximum Available Incentive Fee: $250,000

Type: X Standard X Stretch

SECTION 2
Technical Contacts

ORP Point of Contact: Ami Sidpara

Contractor Point of Contact: Dale Allen

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS: In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and

2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

STANDARD (70%)
Provide a project plan (by March 30, 2000) for stabilizing 244-AR Vault.

STRETCH (30%)
Provide a project plan for stabilizing 244-CR Vault by April 28, 2000. The standard expectation must be met to earn this fee.

NEGATIVE (70%)
Fail to provide a project plan (by April 28, 2000) for stabilizing 244-AR Vault.

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 project plan shall:
(1) Address the six items listed in TPA Milestone M-45-11A.
(2) Describe the scope of work necessary to stabilize the vault(s) until the facility(s) may be turned over for final disposition and closure.
(3) Provide a cost estimate for performing the scope of work.
(4) Provide a schedule for completing the work.

DEFINITIONS: *(define terms)*

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

The Project Plan

FY 2000 PERFORMANCE INCENTIVE

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

Manager, ORP/Date — 3/24/00

for President and General Manager, CHG/Date — 3-24-00

ORP Contracting Officer/Date — 3/24/00

CHG Contract Representative/Date — 3-24-00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		20

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M015	See Block 16		

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* H.18 "Performance Incentives and Fee Distribution" and See Attached

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

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

The purpose of this modification is to incorporate changes to the FY 2000 Performance Incentive Agreements (PI), including the addition of Super Stretch PIs (2.1.3S, 3.8.2S, 4.1.2S, 4.3.2S, 4.3.3S, 4.3.4S), revisions to an existing PI (4.5.1), deletion of one PI (10.1.2)and replacement with a new PI (3.1.3), and the incorporation of DOE Order 110.3 "Conference Mangement". See the attached pages for details.

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	5/5/00

This purpose of this contract modification is as follows:

1) Incorporate the following attached FY 2000 Super Stretch Performance Incentive (PI) Agreements into the contract Part III, Section J, Appendix D:

   a) ORP 2.1.3S "Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging" dated 4/13/00.
   b) ORP 3.8.2S "Transfer Waste from 241-AW-104 to Evaporator Feed Tank" dated 3/30/00.
   c) ORP 4.1.2S "Drill 5 RCRA Groundwater Wells" dated 4/12/00.
   d) ORP 4.3.2S "SST Waste Retrieval of Tank C-104" dated 3/29/00.
   e) ORP 4.3.3S "Tank C-106 Operational Closure Status Assessment" dated 3/30/00.
   f) ORP 4.3.4S "SST Retrieval – Technology Testing and Deployment" dated 4/19/00.

2) Revise the existing FY 2000 Performance Incentive Agreements by incorporating the following attached Performance Incentive Agreement Revision into the contract Part III, Section J, Appendix D:

   a) ORP 4.5.1 Revision No. 2 "Phase I Part B-2 Readiness to Proceed" dated 4/25/00.

3) Revise the existing FY 2000 Performance Incentive Agreements by removing Performance Incentive Agreement No. ORP 10.1.2 "RPP Information System Development" dated 11/18/99, from the contract Part III, Section J, Appendix D. This PI will be replaced by PI No. ORP 3.1.3. (see next item).

4) Revise the existing FY 2000 Performance Incentive Agreements by incorporating the attached new Performance Incentive Agreement No. ORP 3.1.3 "Installation of Replacement Transfer Lines to Support Interim Stabilization" dated 4/19/00 into the contract Part III, Section J, Appendix D. This PI replaces ORP 10.1.2. (see previous item).

5) Incorporate the attached summary listing of PI agreements into the contract Part III, Section J, Appendix D.

6) Incorporate DOE Order No. 110.3 "Conference Management" into the contract Part III, Section J, Appendix C, in accordance with clause I-114 "970.5204-78 Laws, Regulations, and DOE Directives". This action was discussed in the following letters:

   a) CHG Letter No. CHG-0000409 R1 dated February 23, 2000, to J.J. Short, ORP.
   b) ORP Letter No. 00-PRO-182 dated January 28, 2000, to M.P. Delozier, CHG.

Summary Listing of FY 2000 Performance Incentive Agreements

	FY 2000 PERFORMANCE INCENTIVE AGREEMENTS	
Number	**Title**	**Available Fee**
ORP 1.1.1	Tank Characterization - Sampling Tanks	$ 1,500,000
ORP 1.1.2	Tank Characterization - Reduce Lab Turnaround	$ 100,000
ORP 2.1.1	Authorization Basis Management Process Improvement	$ 500,000
ORP 2.1.2	SY-101 Safety Mitigation	$ 2,500,000
ORP 3.1.1	Interim Tank Stabilization	$ 2,500,000
ORP 3.1.2	Supernatant Removal	$ 300,000
ORP 3.1.3	Installation of Replacement Transfer Lines to Support Interim Stabilization of 2 Tanks in S/SX Tank Farm Complex	$ 100,000
ORP 3.2.1	W-314 "A" Complex	$ 1,250,000
ORP 3.2.3	Implementation of Field Optimizations	$ 400,000
ORP 3.3.1	Vault Stabilization	$ 250,000
ORP 3.3.4	Drawing & Labeling	$ 250,000
ORP 3.4.1	ENRAF Installations	$ 150,000
ORP 3.5.1	Integrated Construction Projects/Operations Plan	$ 300,000
ORP 3.8.1	Waste Volume Mgmt	$ 250,000
ORP 4.1.1	Vadose Zone	$ 500,000
ORP 4.2.1	AZ-101 Process Test	$ 750,000
ORP 4.5.1 Rev. 2	Phase I Part B-2 Readiness to Proceed	$ 1,250,000
ORP 8.1.1	W-519 Privatization Phase I Infrastructure Support	$ 500,000
ORP 9.1.1	Immobilized Product Storage / Disposal	$ 250,000
ORP 10.1.3	Project Integration Office Deliverables	$ 800,000
	Total	$ 14,400,000
	FY 2000 SUPER STRETCH PERFORMANCE INCENTIVE AGREEMENTS	
Number	**Title**	**Available Fee**
ORP 2.1.3S	Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging	$ 1,390,000
ORP 3.8.2S	Transfer Waste from 241-AW-104 to Evaporator Feed Tank	$ 760,000
ORP 4.1.2S	Drill 5 RCRA Groundwater Wells	$ 220,000
ORP 4.3.2S	SST Waste Retrieval of Tank C-104	$ 335,000
ORP 4.3.3S	Tank C-106 Operational Closure Status Assessment	$ 70,000
ORP 4.3.4S	SST Retrieval - Technology Testing and Deployment	$ 88,000
	Total	$ 2,863,000
	Grand Total	$ 17,263,000

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Phase I Part B-2 Readiness to Proceed

Project Baseline Summary (PBS): TW04

Maximum Available Incentive Fee: $1,250,000

Type: X Standard X Stretch

SECTION 2
Technical Contacts

ORP Point of Contact: S. Wiegman/L. Erickson

Contractor Point of Contact: W. T. Dehn

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS: In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and
2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than -5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS/BCWS] less than -7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

STANDARD (40%)

1. Formal certification of the Contractor's ability (Memorandum of Readiness To Proceed) to provide the waste feed and infrastructure to handle the products from the BNFL waste processing plant. Submit a memorandum to ORP to that effect, by April 24, 2000. Supporting material shall be made available to DOE for an independent evaluation of the contractor's readiness.
2. Specific documents listed below will be updated or issued (if required) by April 24, 2000, in support of the Readiness-to-Proceed effort:
   A. Integrated Resource-loaded Schedule
   B. Supporting Documents
      TWRS Operation Utilization Plan; Staffing Plan; Configuration Management Plan; Quality Assurance Program Plan; Safety Program Plan; Environmental Program Plan; Technical Baseline Summary; Draft Project Execution Plan
3. Provide a letter report by April 24, 2000, to the ORP B2 Decision Manager stating how the eight "Major Recommendations on the RTP evidence package," as listed in 98-WDD-032, have been resolved.

STRETCH (60%)

1. ORP will perform a readiness assessment. Based upon its rating by ORP B2 Decision Manager fee is earned.
   Rated Ready to Proceed with no outstanding deficiencies on 4/30/00 earn 30%
   Rated Ready to Proceed with no outstanding deficiencies on 6/15/00 earn 15%
   Rated Ready to Proceed with no outstanding deficiencies on 7/01/00 earn 5%
2. Develop presentation and training materials by June 30, 2000, to assist in the understanding of the Hanford, Regional, and Congressional community on feed delivery, pretreatment processing, glass production, and glass storage system to facilitate a positive B2 decision from Congress earn 10%.
3. Analyze the impacts of the "Assumptions Document" (to be developed by ORP based upon their review of the BNFL April 24th deliverables, and provided to the contractor by May 8, 2000) on the contractor's Readiness to Proceed Memorandum. Provide impacts and recommendations to mitigate to the B2 Decision Manager by May 31, 2000. Earn 20%.

NEGATIVE (100%)

Rated Ready to Proceed with no outstanding deficiencies on 7/15/00 lose 10%
Rated Ready to Proceed with no outstanding deficiencies 7/16/00 - 8/24/00 lose 1%/day until deficiencies are eliminated
Rated Ready to Proceed with no outstanding deficiencies after 8/24/00 lose 2% per day until deficiencies are eliminated

FY 2000 PERFORMANCE INCENTIVE

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.)*

STANDARD:

1. The Memorandum will describe the approach taken for providing evidence of the Contractor's readiness to proceed to Phase 1 B-2 and serve as the executive summary. The memorandum will include:
   A. Key Enabling Assumptions
   B. Critical risk list and handling actions
   C. Financial and Schedule Risk Analysis
   D. Manageable list of deficiencies, corrective action plan for each, including date for closure.

The Memorandum will state that the contractor can:

- Provide waste feed to the privatization contractor in the specified amounts to the specified place at the required time.
- Provide infrastructure to the privatization contractor as specified in the final privatization contract and the Interface Control Documents.
- Ensure that it will be prepared for receiving, storing and disposing of immobilized waste products
- Ensure that it will be prepared for receiving, managing, treating and disposing of byproducts from private contractors
- Ensure that the contractor can support alternatives other than the current baseline
- Ensure required administrative actions (e.g., permits, etc.) are in place

2. A and B
   The Criteria Review Assessment Documents will be used to evaluate the Integrated Schedule and other Support Documents. Provide a report to the B2 Decision Manager regarding the resolution of the eight recommendations made in 98-WDD-032.

STRETCH:

The Contractor's Readiness to Proceed will be assessed for deficiencies by the following:
Contractor's Memorandum of Readiness to Proceed

1. External Independent Review Team, Criteria Review Assessment Documents (CRADs) developed by ORP.
2. Submit presentation and training materials consisting of a CD-ROM on feed delivery, pretreatment processing, glass production, and glass storage system together with fact sheets on key aspects of the waste feed delivery system by June 30, 2000. These materials will be used to facilitate a B2 decision from Congress.
3. Impact Analysis will be a qualitative evaluation analysis of the differences between the contractor's deliverables and the ORP provided "Assumptions Document" (e.g., dates, planning assumptions, etc.) and it will recommend a solution. Submittal will be presentation materials.

DEFINITIONS: *(define terms)*

Deficiency – a condition which if left uncorrected or unimproved would preclude, in the opinion of the ORP B2 Decision Manager, a defensible Readiness to Proceed declaration.

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

Readiness-to-Proceed Memorandum; Integrated Resource-Loaded Schedule; Specific RTP Supporting Documents: TWRS Operations Utilization Plan; Staffing Plan; Configuration Management Plan; Quality Assurance Program Plan; Safety Program Plan; Environmental Program Plan; Technical Baseline Summary; Draft Project Execution Plan; Letter report on Major Recommendations on RTP evidence package; Baseline evaluation of waste feed delivery rates and impacts; and training materials.

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.)*

- Contractor may access CRADs on drive \\AP006\RPPSHAREDINF. Complete set of CRADs will be available by December 31, 1999. The contractor may suggest improvements to CRADs up until February 29, 2000.
- Review Comment Record process will be used to close out deficiencies.
- No special approvals are required for producing the presentation and training materials.
- The ORP "Assumptions List" will be submitted to the contractor by May 8, 2000.

FY 2000 PERFORMANCE INCENTIVE

SECTION 5
Signatures

James A Poppiti 4/25/2000
ORP Contracting Officer's Representative/Date

[signature] for 4/25/00
President and General Manager, CHG/Date

[signature] 4/25/00
ORP Contracting Officer/Date

[signature] 4/25/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Installation of Replacement Transfer Lines to Support Interim Stabilization of 2 Tanks in S/SX Tank Farm Complex

Project Baseline Summary (PBS): TW03

Estimated Costs (BCWS): $2039K

Maximum Available Incentive Fee: $100K

Type: Regular X

SECTION 2
Technical Contacts

ORP Point of Contact: Dana Bryson

Contractor Point of Contact: Dale Allen

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS: In order to earn incentive fee under this Performance Incentive, the Contractor shall:

1. Meet the specific completion criteria and expectations set forth in this Performance Incentive; and

2. Not incur any unfavorable cost variance [(BCWP-ACWP)/BCWP] less than –5.0 percent, or incur any unfavorable schedule variance [(BCWP-BCWS)/BCWS] less than –7.5 percent, measured at the Project Baseline Summary level identified in Section 1, at the end of FY 2000.

REGULAR (100%):

Perform the engineering, procurement, and installation for the segments of Replacement Transfer Lines required to support the pumping of two S/SX tanks to the SY tank farm by September 30, 2000. (50 percent for each tank)

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 of the expectation described in Section 3 above shall be evidenced by completion of backfill over the installed line segments specified for each of the two S/SX tanks. Shield plates will be installed over the back filled trench.

DEFINITIONS:

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

Letter to ORP verifying the operations acceptance of installation work package(s) as complete and that the installed replacement line segments for each of two S/SX tanks are available for final tie in.

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.)*

FY 2000 PERFORMANCE INCENTIVE

SECTION 5
Signatures

D Bryson 4/19/00
ORP Contracting Officer's Representative/Date

[illegible] for 4/19/00
President and General Manager, CHG/Date

[illegible] 4/19/00
ORP Contracting Officer/Date

J.M. Baterman 4/19/00
CHG Contract Representative/Date

This incentive replaces number ORP 10.1.2. MB

JS

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): $6948K[1] (FY 2000/2001)

Maximum Available Incentive Fee: $1390K (FY 2000/2001)

Type: Superstretch X Multi-Year X

[1]FY 2000: $6948K BCWS + $1390K Fee = $8338 Funds

SECTION 2
Technical Contacts

ORP Point of Contact: Joe Voice

Contractor Point of Contact: Dale Allen

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS:

1. 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.

2. 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%):

A. 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).
B. 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.
C. Complete construction, testing, and place system in service by September 30, 2001.

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.)*

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

FY 2000 PERFORMANCE INCENTIVE

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

4/13/00
ORP Contracting Officer's Representative/Date

4/12/00
President and General Manager, CHG/Date

4/13/00
ORP Contracting Officer/Date

4/12/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Transfer Waste from 241-AW-104 to Evaporator Feed Tank

Project Baseline Summary (PBS): TW03

Estimated Cost (BCWS): $4526K[1] (FY 2000/2001)

Maximum Available Incentive Fee: $760K (FY 2000/2001)

Type: Superstretch X Multi-Year X

[1]FY 2000: $4526K BCWS + $760K Fee = $5286K Funds

SECTION 2
Technical Contacts

ORP COR: Dana Bryson

Contractor Point of Contact: Dale Allen

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS:

1. 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.

2. 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%)

Replace the transfer pump in Tank 241-AW-104. Equipment installation and waste transfer to evaporator feed tank to be complete by March 31, 2001.

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.)*

Remove existing AW-104 transfer pump. Install new transfer pump in AW-104. Transfer 750,000 gallons from AW-104 to an evaporator feed double-shell tank using new transfer pump. Submit to ORP a letter stating completion of this transfer, with copies of the transfer data sheets attached, showing that at least 750,000 gallons of supernatant waste has been transferred.

DEFINITIONS: *(define terms)*

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

A letter will be submitted with the approved transfer material data sheet attached.

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. All field activities are covered under existing As-Low-As-Reasonably-Achievable-Current-Technology [ALARACTS] (i.e., no new Notices of Construction [NOCs] are required to perform this workscope). If notification is received after August 2000 that an NOC is required, then the schedule will be renegotiated.
B. The Readiness Review activities will be no more than a Management Self-Assessment.

FY 2000 PERFORMANCE INCENTIVE

SECTION 5
Signatures

DC Bryson 3/30/00	[illegible] for 3/30/00
ORP Contracting Officer's Representative/Date	President and General Manager, CHG/Date
[illegible] Short II. 3/30/00	[illegible] 3/30/00
ORP Contracting Officer/Date	CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Drill 5 RCRA Groundwater Wells

Project Baseline Summary (PBS): TW04

Estimated Cost (BCWS): $1,374K (FY 2000)[1]

Maximum Available Incentive Fee: $220K (FY 2000)

Type: Superstretch X

[1] FY2000: $1,374K BCWS + $220K Fee = $1,594K Funds

SECTION 2
Technical Contacts

ORP Point of Contact: Dana Bryson

Contractor Point of Contact: Garry Cusack

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS:

1. 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.

2. 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%):

A. Complete the drilling and development of 5 RCRA groundwater monitoring wells by September 30, 2000.

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 a letter to the U.S. Department of Energy, Office of River Protection (ORP) outlining completion of the drilling and development of the RCRA groundwater monitoring wells.

DEFINITIONS: (define terms) N/A

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

SUPERSTRETCH A: A letter outlining completion of the drilling and development of the RCRA groundwater monitoring wells. Contractor will transmit to ORP the State of Washington "Well Construction Certification" signed by the licensed driller/engineer.

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.)*

ORP will direct contractor where to install the wells by May 15, 2000.

FY 2000 PERFORMANCE INCENTIVE

SECTION 5
Signatures

D Bryson 4/12/00
ORP Contracting Officer's Representative/Date

K A Sage for 4/12/00
President and RPP General Manager, CHG/Date

D. Shorr II 4/12/00
ORP Contracting Officer/Date

J. M. Bateman 4/12/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: SST Waste Retrieval of Tank C-104

Project Baseline Summary (PBS): TW04

Estimated Cost (BCWS): $2234K[1]

Maximum Available Incentive Fee: $335K

Type: Superstretch X

[1]FY 2000: $2234K BCWS + $335K Fee = $2569K Funds

SECTION 2
Technical Contacts

ORP Point of Contact: D. Bryson

Contractor Point of Contact: Garry Cusack

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS:

1. 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.

2. 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%)

A. Issue SST Project planning documentation by September 30, 2000 (earn 20%):
   - "SST Retrieval Project Plan for Tank 241-C-104 Retrieval", and
   - "Retrieval Performance Evaluation for Tank 241-C-104", and
   - "Tank Selection and Retrieval/Transfer Sequence" white paper (provides information for future inclusion in the Tank Waste Remediation System, Operation and Utilization Plan (TWRSO&UP).

B. Issue Tank 241-C-104 preliminary engineering documentation by September 30, 2000 (earn 80%):
   - "Tank 241-C-104 Retrieval Functions and Requirements Document", and
   - "Tank 241-C-104 Retrieval Pre-conceptual Engineering Report".

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: Issue SST Project planning documentation:

- The "SST Retrieval Project Plan for Tank 241-C-104 Retrieval" will describe planning for activities required to support the retrieval of Tank 241-C-104 including detailed logic diagrams, similar to Level 1 logics prepared for the remainder of the Phase I Minimum Order Quantity feed tanks.
- The "Retrieval Performance Evaluation for Tank 241-C-104" will define the process for attaining a waiver from the retrieval criteria specified in TPA Milestone M-45-00.
- The "Tank Selection and Retrieval/Transfer Sequence" white paper (provides information for future inclusion in the "Tank Waste Remediation System, Operation and Utilization Plan (TWRSO&UP)") will select tanks, tank retrieval and transfer sequence for the Single-Shell Tanks to meet the requirements of the Tri-Party Agreement M-45-02 Milestone series.

SUPERSTRETCH B: Issue Tank 241-C-104 preliminary engineering documentation:

- The "Tank 241-C-104 Retrieval Functions and Requirements Document" will be prepared consistent with Hanford Systems

FY 2000 PERFORMANCE INCENTIVE

Engineering policies and procedures, i.e. the revision of RPP-PRO-1999 current when this PI is signed.

- The "Tank 241-C-104 Retrieval Pre-conceptual Engineering Report" will address preliminary design concepts, initial process flow sheets and material balances, equipment layouts, operating strategies, and provide a project schedule and project cost estimate.

DEFINITIONS: *(define terms)*
"Tri-Party Agreement" refers to the revision of the Hanford Federal Facility Agreement and Consent Order in effect when this Performance Incentive is issued.
"Phase I Minimum Order Quantity" refers to the set of tanks to be delivered to the Privatization Contractor as part of the Phase I contract and under DOE change control. (Reference: DOE Letter 00-OPD-013, Richard T. French to Ms. M. P. DeLozier, "Contract No. DE-AC06-99RL14047 - Modification to Feed Delivery", January 26, 2000)

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

Provide copies of the documents referenced in SUPERSTRETCH A and B above.

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.)*

1. The addition of liquids to Tank 241-C-104 for retrieval operations is acceptable in accordance with permit conditions.
2. The Retrieval Performance Evaluation methodology established for the 241-AX Tank Farm will be used on Tank 241-C-104.
3. The Leak Detection Mitigation and Monitoring requirements for 241-C-104 will be based upon the Retrieval Performance Evaluation methodology established for the 241-AX Tank Farm.

SECTION 5
Signatures

D Bryson 3/29/00
ORP Contracting Officer's Representative/Date

3-29-00
President and General Manager, CHG/Date

3/29/00
ORP Contracting Officer/Date

3/29/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: Tank C-106 Operational Closure Status Assessment

Project Baseline Summary (PBS): TW04

Estimated Cost (BCWS): $ 534K[1]

Maximum Available Incentive Fee: $70K

Type: Superstretch X

[1]FY 2000: $534K BCWS + $70K Fee = $604K Funds

SECTION 2
Technical Contacts

ORP Point of Contact: Dana Bryson

Contractor Point of Contact: Garry Cusack

SECTION 3
Performance Expectations and Earning Schedule

GENERAL REQUIREMENTS:

1. 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.

2. 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%):

A. Provide a white paper by August 15, 2000 with the recommended decision criteria for ORP and Ecology to use when making a decision on how to proceed with either retrieving more waste out of Tank C-106 or proceeding with operational closure.

B. Provide a white paper by September 30, 2000 summarizing the proposed path forward for reaching a decision with ORP and the regulators to operationally close Tank C-106 or require additional retrieval campaigns.

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: Provide a white paper with the recommended process and decision criteria for ORP and Ecology to use when making a decision on how to proceed with either retrieving more waste out of Tank C-106 or proceeding with operational closure.

SUPERSTRETCH B: Utilizing the process specified in Superstretch A above, provide a white paper summarizing the current knowledge of the content and risks associated with Tank C-106 residual materials and the proposed path forward for reaching a decision with ORP and Ecology to operationally close Tank C-106 or require additional retrieval campaigns. The white paper may be used by ORP to prepare a letter to Ecology communicating current status information and a proposed plan of action regarding operational closure for Tank C-106.

DEFINITIONS: *(define terms)* Operational Closure: Both Tri-Party Agreement Milestone M-45-00 and applicable sections of DOE Order 435.1 define tank closure in the context of removing as much radioactive waste as is technically and economically practical and being protective of human health and the environment. For the purpose of this Superstretch PI, Tank C-106 "operational closure" is defined as a condition whereby: 1) the current past practice sluicing equipment has been demonstrated to have removed as much waste as is technically and economically practical, 2) a technically feasible path forward exists for incorporating the residual tank waste into a solid physical form at a concentration that does not exceed the applicable concentration limits for Class C low-level waste as set out in 10 CFR Part 61, 3) a technically feasible path forward exists for management of the wastes so that safety requirements comparable to the performance objectives set out in 10 CFR Part 61, Subpart C can be met, and

FY 2000 PERFORMANCE INCENTIVE

4) a technically feasible path forward exists for management of the wastes so that environmental and human protection objectives set out in WAC 173-303-610 can be met. A minimum set of nuclear safety and environmental monitoring requirements (if any) has been identified for the time period between completion of waste retrieval activities and initiation of final closure per WAC 173-303 and DOE Order 435.1.

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

Deliver the documents listed in SUPERSTRETCH A and B.

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

R C Bryson 3/30/00
ORP Contracting Officer's Representative/Date

3-30-00
President and General Manager, CHG/Date

J. D. Short II 3/30/00
ORP Contracting Officer/Date

J. M. Baltrum 3/30/00
CHG Contract Representative/Date

FY 2000 PERFORMANCE INCENTIVE

SECTION 1
General Information

Descriptive Short Title: SST Retrieval – Technology Testing and Deployment

Project Baseline Summary (PBS): TW04

Estimated Cost (BCWS) $583K[1]

Maximum Available Incentive Fee: $88K

Type: Superstretch X

[1]FY2000: $583 K BCWS + $88K Fee = $671K Funds

SECTION 2
Technical Contacts

ORP Point of Contact: Dana Bryson

Contractor Point of Contact: Garry Cusack

SECTION 3
Performance Expectations and Earning Schedule

General Requirements:

1. Both budgeted and actual Cost and Schedule results from this Superstretch incentive will be separated in its PBS so as to have no effect on the fiscal year end calculations of Cost and Schedule Variance used to measure Standard and Stretch incentives.

2. Subject to the maximum available incentive fee shown above, the aggregate sum of the 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%):

A. Issue a Project Management Plan for crawler acquisition by September 30, 2000. (25% earned)

B. Define test objectives, prepare functions and requirements document and issue an engineering report for a salt-cake dissolution test deployment by September 30, 2000. (75% earned)

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: Issue Project Management Plan (which includes the organization, roles and responsibilities, project execution logics at a level of detail equivalent to the Level 1 logics prepared for RTP-2, the summary schedule and the cost project cost estimate).

SUPERSTRETCH B: Issue a document defining the test objectives for a salt cake dissolution test, issue the Functions and Requirements document for salt cake dissolution demonstration, and issue an engineering report for a salt-cake dissolution demonstration (consisting of: pre-conceptual process flow sheets and material balance, preliminary equipment outline drawings, preliminary operating strategy, ROM project schedule and project cost estimate.)

DEFINITIONS: *(define terms) N/A*

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

Provide a letter to the ORP point of contact identified in Section 2 of this Performance Incentive documenting completion. The specific documents are identified in Section 3.

FY 2000 PERFORMANCE INCENTIVE

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

D Bryson 4/19/00
ORP Contracting Officer's Representative/Date

[signature] 4/19/00
President and General Manager, CHG/Date

[signature] Short II 4/19/00
ORP Contracting Officer/Date

[signature] 4/19/00
CHG Contract Representative/Date

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M016	See Block 16		

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

CODE FACILITY CODE

(X)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

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

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause I-104 "970.5204-42 Key Personnel"
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ◯ is not, ◉ is required to sign this document and return 3 copies to the issuing office.

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

The purpose of this modification is to revise Section J, Appendix A - "Key Personnel" as follows: D.M. McDaniel and H.L. Boston are hereby removed from Appendix A. W.T. Dehn, Executive Vice President and Deputy General Manager, is hereby added to Appendix A.

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Michael D. Ebben, Vice President & CFO	Jewel J. Short, II

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	6-1-00	*(Signature of Contracting Officer)*	6/2/00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A017	See Block 16c	06-99RL14047.008	

6. ISSUED BY CODE

U.S. Department of Energy OFFICE OF RIVER PROTECTION
~~Richland Operations Office~~
P.O. Box 1000
Richland, Washington 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, Washington 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)* 09/30/99

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

See attached detail

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Contract Clause B-2, "Obligation of Funds"

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

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

OBLIGATION NOTICE NO. 9

The purpose of this modification is to transmit the attached report which identifies the funding levels with corresponding Budget and Reporting (B&R) numbers, and for construction line items, the Budget Reference number, that cannot be exceeded. The report reflects changes in distribution only, and a net change of $0.00 in the amount of funds obligated to this contract. The reference contract clause remains unchanged, ($0.00).

All other terms and conditions of the contract are unchanged

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	5/31/00

Fun[illegible] be controlled within specific limitations required by [illegible]l/or at levels directed by the DOE contracting officer. [illegible] as noted below, this document identifies the funding levels with corresponding Budget and Reporting (B&R) numbers and, for construction line items, the Budget Reference number, that cannot be exceeded. Costs plus commitments at each control point shall not exceed total budget authority (BA) available (Prior year uncosted and current fiscal year obligations) AND must be related to DOE authorized work scope. The following B&R numbers have funding ceilings at a lower level as indicated below:

ACTIVITY	B&R NUMBER	FUNDING CONTROL POINT
Work for other fed. agencies	400000000	By each individual work order from requesting entity.
Work for commercial entities	600000000 650000000	By each individual work order from requesting entity.
Inter-DOE work orders	820101000	By each individual work order from requesting entity.

Note: For modifications with a net change of $0.00, the modification reflects changes in distribution.

FINAL

CH2M HILL HANFORD GROUP, INC.
Modification No. : A017 Requisition No. : ORL/14047.008
Contract ID: RL14047

SF-0030
Page 1

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
Fin Plan: RL	Fund Type: TE	Approp: 89X0242.91				
39EW02J10	PRN89D17300	$0.00	$0.00	$60,380.00	$60,380.00	$60,380.00
39EW02J10	PRN94D40700	$8,000,000.00	$812,000.00	$6,357,670.04	$7,169,670.04	$15,169,670.04
39EW02J10	PRN97D40200	$200,000.00	$4,103,000.00	$18,171,427.24	$22,274,427.24	$22,474,427.24
39EW02J10	PRN99D40300	$1,000,000.00	$2,800,177.09	$17,234,716.97	$20,034,894.06	$21,034,894.06
820200000		$0.00	($57,077,637.92)	($310,773,590.33)	($367,851,228.25)	($367,851,228.25)
EW0200000		$6,298,350.33	$49,287,460.83	$251,915,865.27	$301,203,326.10	$307,501,676.43
EW4000000		$70,000.00	$75,000.00	$1,465,180.48	$1,540,180.48	$1,610,180.48
	Fund Type Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
	Contract Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A018	See Block 16c	06-00RL14047.009	

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
P.O. Box 450, M/S H6-60
Richland, Washington 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, Washington 99352

CODE	FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)* 09/30/99

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

See attached detail

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Contract Clause B-2, "Obligation of Funds"

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

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

OBLIGATION NOTICE NO. 10

The purpose of this modification is to transmit the attached report which identifies the funding levels with corresponding Budget and Reporting (B&R) numbers, and for construction line items, the Budget Reference number, that cannot be exceeded. The report reflects changes in distribution only, and a net change of $0.00 in the amount of funds obligated to this contract. The reference contract clause remains unchanged, ($0.00).

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	6/30/00

Funds must be controlled within specific limitations required by law and/or at levels directed by the DOE contracting officer. Except as noted below, this document identifies the funding levels with corresponding Budget and Reporting (B&R) numbers and, for construction line items, the Budget Reference number, that cannot be exceeded. Costs plus commitments at each control point shall not exceed total budget authority (BA) available (Prior year uncosted and current fiscal year obligations) AND must be related to DOE authorized work scope. The following B&R numbers have funding ceilings at a lower level as indicated below:

ACTIVITY	B&R NUMBER	FUNDING CONTROL POINT
Work for other fed. agencies	400000000	By each individual work order from requesting entity.
Work for commercial entities	600000000 650000000	By each individual work order from requesting entity.
Inter-DOE work orders	820101000	By each individual work order from requesting entity.

Note: For modifications with a net change of $0.00, the modification reflects changes in distribution.

FINAL

CH2M HILL HANFORD GROUP, INC.
Modification No. : A018 Requisition No. : 00RL14047.009
Contract ID: RL14047

SF-0030
Page 1

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
Fin Plan: RL	Fund Type: TE	Approp: 89X0242.91				
39EW02J10	PRN89D17300	$0.00	$0.00	$60,380.00	$60,380.00	$60,380.00
39EW02J10	PRN94D40700	$8,000,000.00	$0.00	$7,169,670.04	$7,169,670.04	$15,169,670.04
39EW02J10	PRN97D40200	$200,000.00	$0.00	$22,274,427.24	$22,274,427.24	$22,474,427.24
39EW02J10	PRN99D40300	$1,000,000.00	$0.00	$20,034,894.06	$20,034,894.06	$21,034,894.06
820200000		$0.00	($1,283,005.65)	($367,851,228.25)	($369,134,233.90)	($369,134,233.90)
EW0200000		$6,298,350.33	$1,283,005.65	$301,203,326.10	$302,486,331.75	$308,784,682.08
EW4000000		$70,000.00	$0.00	$1,540,180.48	$1,540,180.48	$1,610,180.48
	Fund Type Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
	Contract Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A019	See Block 16	06-99RL14047.010	

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
PO Box 450, MS H6-60
Richland, WA. 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, WA 99352

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
x	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)*

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.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT 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)*
89X249.91 EW03 J1010 TW06 $7,000,000

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Section B, Clause B.2 "Obligation of Funds"

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

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

Part I, Section B, Clause B.2.a "Obligation of Funds" is hereby increased by $7,000,000. The first sentence of the paragraph is hereby changed to read as follows: "The amount obligated by the Government with respect to this contract is $7,000,000."

All other terms and conditions of the contract are unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA *(Signature of Contracting Officer)*	16C. DATE SIGNED 7/24/00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF	PAGES
	1		4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
A020	See Block 16c	06-00RL14047.011	

6. ISSUED BY CODE

U.S. Department of Energy
Office of River Protection
P.O. Box 450, M/S H6-60
Richland, Washington 99352

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*

CH2M Hill Hanford Group, Inc.
P.O. Box 1500
Richland, Washington 99352

CODE FACILITY CODE

(X)	
	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ ORDER NO. DE-AC06-99RL14047
	10B. DATED *(SEE ITEM 13)* 09/30/99

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ◯ is extended, ◯ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment, (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

See attached detail

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

◯	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Contract Clause B-2, "Obligation of Funds"

E. IMPORTANT: Contractor ◯ is not, ◉ is required to sign this document and return 3 copies to the issuing office.

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

See attached pages.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
VP + CFO		Jewel J. Short, II	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		*(Signature of Contracting Officer)*	7/31/00

OBLIGATION NOTICE NO. 11

The purpose of this modification is to transmit the attached report which identifies the funding levels with corresponding Budget and Reporting (B&R) numbers, and for construction line items, the Budget Reference number, that cannot be exceeded. The report reflects changes in distribution only, and a net decrease of $7,000,000.00 in the amount of funds obligated to this contract.

Part I, Section B, Clause B.2.a "Obligations of Funds" is hereby decreased by $7,000,000. The first sentence of the paragraph is hereby changed to read as follows: "The amount presently obligated by the Government with respect to this contract is zero dollars. ($0.00)"

All other terms and conditions of the contract are unchanged.

Funds may be controlled within specific limitations required by law and/or at levels directed by the DOE contracting officer. Except as noted below, this document identifies the funding levels with corresponding Budget and Reporting (B&R) numbers and, for construction line items, the Budget Reference number, that cannot be exceeded. Costs plus commitments at each control point shall not exceed total budget authority (BA) available (Prior year uncosted and current fiscal year obligations) AND must be related to DOE authorized work scope. The following B&R numbers have funding ceilings at a lower level as indicated below:

ACTIVITY	B&R NUMBER	FUNDING CONTROL POINT
Work for other fed. agencies	400000000	By each individual work order from requesting entity.
Work for commercial entities	600000000 650000000	By each individual work order from requesting entity.
Inter-DOE work orders	820101000	By each individual work order from requesting entity.

Note: For modifications with a net change of $0.00, the modification reflects changes in distribution.

FINAL

CH2M HILL HANFORD GROUP, INC.

SF-0030

Modification No. : A020 Requisition No. : 00RL14047.011

Contract ID: RL14047

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
Fin Plan: RL	Fund Type: TE	Approp: 89X0242.91				
39EW02J10	PRN89D17300	$0.00	($48,289.70)	$60,380.00	$12,090.30	$12,090.30
39EW02J10	PRN93D18200	$0.00	($87,955.86)	$0.00	($87,955.86)	($87,955.86)
39EW02J10	PRN94D40700	$8,000,000.00	$0.00	$7,169,670.04	$7,169,670.04	$15,169,670.04
39EW02J10	PRN97D40200	$200,000.00	$0.00	$22,274,427.24	$22,274,427.24	$22,474,427.24
39EW02J10	PRN99D40300	$1,000,000.00	($4,000,000.00)	$20,034,894.06	$16,034,894.06	$17,034,894.06
820200000		$0.00	($3,814,756.13)	($369,134,233.90)	($372,948,990.03)	($372,948,990.03)
EW0200000		$6,298,350.33	$951,001.69	$302,486,331.75	$303,437,333.44	$309,735,683.77
EW4000000		$70,000.00	$0.00	$1,540,180.48	$1,540,180.48	$1,610,180.48

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BNR Control	Budget Ref	Prior Year Uncosted	Amount This Modification	Previous Modifications Signed This FY	Total FY Mods	Total BA Avail
	Fund Type Total	$15,568,350.33	($7,000,000.00)	($15,568,350.33)	($22,568,350.33)	($7,000,000.00)
Fin Plan: RL	Fund Type: TQ	Approp: 89X0249.91				
EW0300000		$0.00	$7,000,000.00 *	$0.00	$7,000,000.00	$7,000,000.00
	Fund Type Total	$0.00	$7,000,000.00	$0.00	$7,000,000.00	$7,000,000.00
	Contract Total	$15,568,350.33	$0.00	($15,568,350.33)	($15,568,350.33)	$0.00

* This entry reflects the $7,000,000 Obligation to CH2M Hill Hanford Group documented in A019 modification.