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

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

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

9. AMENDMENT OF SOLICITATION NO. | 9A. AMENDMENT OF SOLICITATION NO.
(X) | 9B. DATED (SEE ITEM 11)

10. MODIFICATION OF CONTRACT/ORDER NO. | 10A. MODIFICATION OF CONTRACT/ORDER NO.
X | DE-AC06-99RL14047

10B. DATED (SEE ITEM 13) | 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 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:

D. OTHER (Specify type of modification and authority)
X Contract Clause B-2, "Obligation of Funds"

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. CONTRACT/ORDER OR (Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA | 16C. DATE SIGNED
(Signature of person authorized to sign) | 3-22-00 | (Signature of Contracting Officer) | 3/28/00

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30F (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
Funds must be controlled within specific limitations required by the DOE contracting office. Exception noted below, this document identifies the funding level with corresponding Budget and Reporting (B&R) numbers 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:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>B&amp;R NUMBER</th>
<th>FUNDING CONTROL POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work for other fed. agencies</td>
<td>400000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
<td>Work for commercial entities</td>
<td>600000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
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<tr>
<td>Inter-DOE work orders</td>
<td>820101000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
</tbody>
</table>

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.: D0RL14047_004
Contract ID: RL14047

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
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<th>Budget Ref</th>
<th>Prior Year Uncosted</th>
<th>Amount This Modification</th>
<th>Previous Modifications Signed This FY</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
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<tbody>
<tr>
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<td>$18,171,427.24</td>
<td>$18,171,427.24</td>
<td>$18,371,427.24</td>
</tr>
<tr>
<td>39EW02J10</td>
<td>PRN99D40300</td>
<td>$1,000,000.00</td>
<td>$0.00</td>
<td>$17,234,716.97</td>
<td>$17,234,716.97</td>
<td>$18,234,716.97</td>
</tr>
<tr>
<td>820200000</td>
<td></td>
<td>$0.00</td>
<td>($79,594,190.33)</td>
<td>($230,975,000.00)</td>
<td>($310,569,190.33)</td>
<td>($310,569,190.33)</td>
</tr>
<tr>
<td>EW0200000</td>
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<td>$6,298,350.33</td>
<td>$0.00</td>
<td>$251,711,465.27</td>
<td>$251,711,465.27</td>
<td>$258,009,815.60</td>
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<td>EW4000000</td>
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<td>$70,000.00</td>
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<td>$1,465,180.48</td>
<td>$1,465,180.48</td>
<td>$1,535,180.48</td>
</tr>
</tbody>
</table>

| 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

2. AMENDMENT/MODIFICATION NO.  A012

3. EFFECTIVE DATE  See Block 16

4. REQUISITION/PURCHASE REQ. NO.  06-99RL14047.007

5. PROJECT NO. (If applicable)  

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

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

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(c).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X 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)

15B. CONTRACTOR/OFFEROR

Jewel J. Short, II

(Signature of person authorized to sign)

15C. DATE SIGNED 04/05/00

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED

04/05/00

STANDARD FORM 30F (REV. 10-83) Prescribed by GSA
Fund must be controlled within specific limitations required by 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:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
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</thead>
<tbody>
<tr>
<td>Work for other fed. agencies</td>
<td>400000000</td>
<td>By each individual work order from requesting entity.</td>
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<td>600000000</td>
<td>By each individual work order from requesting entity.</td>
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<td></td>
<td>650000000</td>
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<td>Inter-DOE work orders</td>
<td>820101000</td>
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</tr>
</tbody>
</table>

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

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### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<thead>
<tr>
<th>BNR Control</th>
<th>Budget Ref</th>
<th>Prior Year Uncosted</th>
<th>Amount This Modification</th>
<th>Previous Modifications Signed This FY</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
</tr>
</thead>
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<td>$0.00</td>
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<td></td>
<td>$0.00</td>
<td>($204,400.00)</td>
<td>($310,773,590.33)</td>
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<td>$70,000.00</td>
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<td>$1,465,180.48</td>
<td>$1,465,180.48</td>
<td>$1,535,180.48</td>
</tr>
</tbody>
</table>

**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

2. AMENDMENT/MODIFICATION NO. M013

3. EFFECTIVE DATE See Block 16

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

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

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

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/OFFER NO. x 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/OFFER 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/OFFER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority) x H.18 "Performance Incentives and Fee Distribution"

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.

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

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 3/2/00

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 3/8/00

(Signature of person authorized to sign) (Signature of Contracting Officer)
### 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 \([\text{BCWP-ACWP/BCWP}]\) less than -5.0 percent, or incur any unfavorable schedule variance \([\text{BCWP-BCWS/BCWS}]\) 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**

<table>
<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO. M014</th>
<th>3. EFFECTIVE DATE See Block 16</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ISSUED BY U.S. Department of Energy</td>
<td>CODE Office of River Protection</td>
<td>CODE PO Box 450, MS H6-60</td>
<td>CODE Richland, WA. 99352</td>
</tr>
</tbody>
</table>

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

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

8A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

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.

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| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| D. OTHER (Specify type of modification and authority) |
| X H.18 "Performance Incentives and Fee Distribution" |

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 FIs 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) ☐

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) ☐

15C. DATE SIGNED 3/24/00

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jewel J. Short, II

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 3/24/00

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 304# (REV. 10-83)
Prescribed by GSA
### 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 by June 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 by June 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 (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-A-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.


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

Division Director, ORP/Date

President and General Manager, CHG/Date

ORP Contracting Officer/Date

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.)

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<thead>
<tr>
<th>SECTION 5</th>
<th>Signatures</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td><strong>Manager, ORP/Date</strong></td>
<td><strong>3/24/00</strong></td>
</tr>
<tr>
<td><strong>President and General Manager, CHG/Date</strong></td>
<td><strong>3-24-00</strong></td>
</tr>
<tr>
<td><strong>ORP Contracting Officer/Date</strong></td>
<td><strong>3/24/00</strong></td>
</tr>
<tr>
<td><strong>CHG Contract Representative/Date</strong></td>
<td><strong>3-24-00</strong></td>
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**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

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<thead>
<tr>
<th>1. CONTRACT ID CODE</th>
<th>2. AMENDMENT/MODIFICATION NO.</th>
<th>3. EFFECTIVE DATE</th>
<th>4. REQUISITION/PURCHASE REQ. NO.</th>
<th>5. PROJECT NO. (If applicable)</th>
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<tr>
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<td>M015</td>
<td>See Block 16</td>
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<td></td>
<td>U.S. Department of Energy</td>
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<td>Office of River Protection</td>
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<td></td>
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<td></td>
<td>PO Box 450, MS H6-60</td>
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<td></td>
<td>Richland, WA. 99352</td>
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<th>7. ADMINISTERED BY (If other than Item 6) CODE</th>
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<table>
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<tr>
<th>8. NAME AND ADDRESS OF CONTRACTOR (No., street, city, county, state and zip code)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH2M Hill Hanford Group, Inc.</td>
</tr>
<tr>
<td>P.O. Box 1500</td>
</tr>
<tr>
<td>Richland, WA. 99352</td>
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<th>9A. AMENDMENT OF SOLICITATION NO.</th>
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<td>9B. DATED (SEE ITEM 11)</td>
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<tr>
<td>x 10A. MODIFICATION OF CONTRACT/ORDER NO.</td>
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<tr>
<td>DE-AC06-99RL14047</td>
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<tr>
<td>10B. DATED (SEE ITEM 13)</td>
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<tr>
<th>CODE</th>
<th>FACILITY CODE</th>
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<tr>
<th>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers O is extended, O is not extended.</td>
</tr>
<tr>
<td>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:</td>
</tr>
<tr>
<td>(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.</td>
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<tr>
<th>12. ACCOUNTING AND APPROPRIATION DATA (If required)</th>
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<tr>
<th>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</th>
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</table>

<table>
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<tr>
<th>(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.</th>
</tr>
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</table>

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<tr>
<th>(X)  B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation dates, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</th>
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<tr>
<th>(X)  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</th>
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<tr>
<th>(X)  D. OTHER (Specify type of modification and authority)</th>
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| X  H.18 "Performance Incentives and Fee Distribution" and See Attached |

<table>
<thead>
<tr>
<th>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 &quot;Conference Management&quot;. See the attached pages for details.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>15A. NAME AND TITLE OF SIGNER (Type or print)</th>
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<tbody>
<tr>
<td>Jewel J. Short, II</td>
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<tr>
<th>15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)</th>
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</table>

<table>
<thead>
<tr>
<th>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</th>
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</thead>
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<tr>
<td>Jewel J. Short, II</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)</th>
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<tr>
<th>16C. DATE SIGNED</th>
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<td>11-00</td>
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NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE
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

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<tr>
<th>Number</th>
<th>Title</th>
<th>Available Fee</th>
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<tr>
<td>ORP 4.1.1</td>
<td>Tank Characterization - Sampling Tanks</td>
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<td>ORP 4.1.2</td>
<td>Tank Characterization - Reduce Lab Turnaround</td>
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<td>ORP 2.1.1</td>
<td>Authorization Basis Management Process Improvement</td>
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<td>SY-101 Safety Mitigation</td>
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<td>ORP 3.1.2</td>
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<td>Installation of Replacement Transfer Lines to Support Interim Stabilization of 2 Tanks in S/SX Tank Farm Complex</td>
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<td>ORP 3.2.1</td>
<td>W-314 &quot;A&quot; Complex</td>
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<td>ORP 3.2.3</td>
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<td>ORP 3.3.4</td>
<td>Drawing &amp; Labeling</td>
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<td>ORP 3.4.1</td>
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<td>ORP 3.5.1</td>
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<td>ORP 3.8.1</td>
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<td>ORP 10.1.3</td>
<td>Project Integration Office Deliverables</td>
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**FY 2000 SUPER STRETCH PERFORMANCE INCENTIVE AGREEMENTS**

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<tr>
<td>ORP 2.1.3S</td>
<td>Advanced Preparation of 241-SY-101 for Retrieval and for Receiving and Staging</td>
<td>$ 1,390,000</td>
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<tr>
<td>ORP 3.8.2S</td>
<td>Transfer Waste from 241-AW-104 to Evaporator Feed Tank</td>
<td>$ 760,000</td>
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<td>ORP 4.1.2S</td>
<td>Drill 5 RCRA Groundwater Wells</td>
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<td>ORP 4.3.4S</td>
<td>SST Retrieval - Technology Testing and Deployment</td>
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**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\RPPSHARE\DINF. 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

[Signatures and dates]

ORP Contracting Officer/Date

ORP Contracting Officer's Representative/Date

President and General Manager, CHG/Date

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.)
This incentive replaces number ORP 10.1.2.
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: TW20
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)


SECTION 5
Signatures

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

President and General Manager, CHG/Date 4/13/00

ORP Contracting Officer/Date 4/13/00

CHG Contract Representative/Date 4/12/00

Contract Number DE-AC06-99RL14047
# 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 (FY 2000/2001)  
Maximum Available Incentive Fee: $760K (FY 2000/2001)  
Type: Superstretch X Multi-Year X  

<sup>1</sup>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.
<table>
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<tr>
<td>R.C. Bryson</td>
<td>3/30/00</td>
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<tr>
<td>J. M. Betten</td>
<td>3/30/00</td>
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<td>President and General Manager, CHG/Date</td>
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**SECTION 5**

Signatures
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)
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.
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<tr>
<td>G. Bryson</td>
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<td>ORP Contracting Officer/Date</td>
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<td>R.P. Paige</td>
<td>4/12/00</td>
<td>President and RPF General Manager CHG/Date</td>
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<tr>
<td>R. Short</td>
<td>4/12/00</td>
<td>ORP Contracting Officer/Date</td>
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<tr>
<td>J.M. Bateman</td>
<td>2/12/00</td>
<td>CHG Contract Representative/Date</td>
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**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  
Maximum Available Incentive Fee: $335K  
Type: Superstretch X  

\footnote{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 1 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-Shelk 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

[Signatures]

ORP Contracting Officer's Representative/Date

President and General Manager, CHG/Date

ORP Contracting Officer/Date

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
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.)

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<th>SECTION 5</th>
<th>Signatures</th>
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ORP Contracting Officer’s Representative/Date

President and General Manager, CHG/Date

ORP Contracting Officer/Date

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
Maximum Available Incentive Fee: $88K
Type: Superstretch X
1FY2000: $583K 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%):
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.)

<table>
<thead>
<tr>
<th>SECTION 5</th>
<th>Signatures</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORP Contracting Officer’s Representative/Date</td>
<td>President and General Manager, CHG/Date</td>
</tr>
<tr>
<td>ORP Contracting Officer/Date</td>
<td>CHG Contract Representative/Date</td>
</tr>
</tbody>
</table>

ORP: Bryan 4/19/00

President and General Manager, CHG: 4/19/00

ORP Contracting Officer: 4/19/00

CHG Contract Representative: 4/19/00
**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
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</table>

**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:

Clause 1-104 "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)**

Michael D. Ebden, Vice President & CFO

**15B. CONTRACTOR/OFFEROR**

(Signature of person authorized to sign) 6 - 1 - 00

**15C. DATE SIGNED**

**16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)**

Jewel J. Short, II

**16B. UNITED STATES OF AMERICA**

(Signature of Contracting Officer) 6 / 1 / 00

**16C. DATE SIGNED**

NSN 7540-01-152-8070

PREVIOUS EDITION NOT USABLE

STANDARD FORM 30A (REV. 10-63)

Prescribed by GSA
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO.  
A017

3. EFFECTIVE DATE  
See Block 16c

4. REQUISITION/PURCHASE REQ. NO.  
06-99RL14047.008

5. PROJECT NO. (If applicable)

6. ISSUED BY  
CODE

U.S. Department of Energy  
Richland-Ocations-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

9A. AMENDMENT OF SOLICITATION NO.  

X

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.  
DE-AC06-99RL14047

10B. DATED (SEE ITEM 13)  
09/30/99

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)

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:

D. OTHER (Specify type of modification and authority)

X Contract Clause B-2, "Obligation of Funds"

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)  

15B. CONTRACTOR/OFFEROR  

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  

Jewel J. Short, II

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED  
5/31/00

(Signature of person authorized to sign) 

30-105

STANDARD FORM 30F (REV. 10-83)

NSN 7540-01-152-8070

PREVIOUS EDITION NOT USABLE

Prescribed by GSA

FAR (48 CFR) 52.243
Fund be controlled within specific limitations required by or at levels directed by the DOE contracting officer. 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:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>B&amp;R NUMBER</th>
<th>FUNDING CONTROL POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work for other fed. agencies</td>
<td>400000000</td>
<td>By each individual work order from requesting entity.</td>
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<tr>
<td>Work for commercial entities</td>
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<td>By each individual work order from requesting entity.</td>
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<tr>
<td>Inter-DOE work orders</td>
<td>820100000</td>
<td>By each individual work order from requesting entity.</td>
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</table>

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

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>BNR Control</th>
<th>Budget Ref</th>
<th>Prior Year Uncosted</th>
<th>Amount This Modification</th>
<th>Previous Modifications Signed This FY</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
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Fund Type Total

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$15,568,350.33 | $0.00 | ($15,568,350.33) | ($15,568,350.33) | $0.00 |
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>Previous Modifications Signed This FY</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
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<td>Contract Total</td>
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<td>$0.00</td>
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</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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

9A. AMENDMENT OF SOLICITATION NO.
9B. DATED (SEE ITEM 11)
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:

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) Jewel J. Short, II
15B. CONTRACTOR/OFFEROR
15C. DATE SIGNED 6/30/00

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
16B. UNITED STATES OF AMERICA
16C. DATE SIGNED 6/30/00

(Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30W (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
Funds must be controlled within specific limitations required by law 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 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:

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<thead>
<tr>
<th>ACTIVITY</th>
<th>B&amp;R NUMBER</th>
<th>FUNDING CONTROL POINT</th>
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<tbody>
<tr>
<td>Work for other fed. agencies</td>
<td>4000000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
<td>Work for commercial entities</td>
<td>6000000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
<td>Inter-DOE work orders</td>
<td>8201010000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
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</table>

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.: 04RL14047.009
Contract ID: RL14047

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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| 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

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<th>BNR Control</th>
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<td>Contract Total</td>
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<td>($15,568,350.33)</td>
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</tr>
</tbody>
</table>
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)
   DE-AC06-99RL14047

10A. MODIFICATION OF CONTRACT/ORDER NO.

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 O is extended, O 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)
   896249.91 EW03 10/10 TWP6 $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:

   D. OTHER (Specify type of modification and authority)
      X Section B, Clause B.2 "Obligation of Funds"

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.

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

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

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED 16C. DATE SIGNED

(Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070

STANDARD FORM 309 (REV. 10-83)

PREVIOUS EDITION NOT USABLE

30-105

Prescribed by GSA

7/24/00
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. A020

3. EFFECTIVE DATE
See Block 16c

4. REQUISITION/PURCHASE REQ. NO. 06-00RL14047.011

5. PROJECT NO. (if applicable)

6. ISSUED BY
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)

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

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

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(d).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Contract Clause B-2, "Obligation of Funds"

E. IMPORTANT: Contractor is not 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.)
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)

15B. CONTRACTOR'S SIGNER (Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Jewel J. Short, II

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED 7/31/00

(Signature of Contracting Officer)

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE
30-105
STANDARD FORM 30# (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243
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 must be controlled within specific limitations required by the DOE contracting office. 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:

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>B&amp;R NUMBER</th>
<th>FUNDING CONTROL POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work for other fed. agencies</td>
<td>400000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
<td>Work for commercial entities</td>
<td>600000000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
<tr>
<td>Inter-DOE work orders</td>
<td>820101000</td>
<td>By each individual work order from requesting entity.</td>
</tr>
</tbody>
</table>

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

FINAL

CH2M HILL HANFORD GROUP, INC.
Modification No.: A020
Requisition No.: [Redacted]
Contract ID: RL14047

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>BNR Control</th>
<th>Budget Ref</th>
<th>Prior Year Uncosted</th>
<th>Amount This Modification</th>
<th>Previous Modifications Signed This FY</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
</tr>
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<tbody>
<tr>
<td>39EW02J10</td>
<td>PRN89D17300</td>
<td>$0.00</td>
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<td>$60,380.00</td>
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Fin Plan: RL Fund Type: TE Approv: 89X0242.91
### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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<th>BNR Control</th>
<th>Budget Ref</th>
<th>Prior Year</th>
<th>Amount This</th>
<th>Previous Modifications</th>
<th>Total FY Mods</th>
<th>Total BA Avail</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Uncosted</td>
<td>Modification</td>
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**Fin Plan:** RL  **Fund Type:** TQ  **Approp:** 89X0249.91

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