

2. AMENDMENT/MODIFICATION NO. 0290
 3. EFFECTIVE DATE See Block 16C
 4. REQUISITION/PURCHASE REQ. NO.
 5. PROJECT NO. (If applicable)
 6. ISSUED BY CODE 05008
 7. ADMINISTERED BY (If other than Item 6) CODE 05008

NNSA/Oakridge Site Office
 U.S. Department of Energy
 NNSA/Y-12 Site Office
 P.O. Box 2050
 Building 9704-2
 Oak Ridge TN 37831

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 BABCOCK & WILCOX TECHNICAL SERVICES Y-12, LLC
 Attn: WILLIE J. WILSON
 PO BOX 2009
 602 SCARBORO RD., N1.149/MS 8004
 OAK RIDGE TN 378318004
 CODE 141952312 FACILITY CODE
 9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO.
 DE-AC05-000R22800
 10B. DATED (SEE ITEM 13)
 08/31/2000

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS
 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
 See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.
 CHECK ONE
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
 P.L. 95-91, Bilateral Agreement, FAR 52.217-8 Option To Extend Services (Nov 1999) (Deviation July 2013).
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not. is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 Tax ID Number: 54-1987297
 DUNS Number: 141952312
 The purpose of this modification is to update clause I.120 FAR 52.217-8 OPTION TO EXTEND SERVICES (Nov 1999) with the deviation to the clause dated July 2013. The modification also extends the period of performance of the contract until September 30, 2013. See the clause changes attached to this SF 30.

Period of Performance: 08/31/2000 to 09/30/2013

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)
 Nancy A. Johnson, Vice President
 Business Services and Performance Assurance
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
 Jill Y. Albaugh
 15B. CONTRACTOR/OFFEROR
 15C. DATE SIGNED
 07/24/2013
 16B. UNITED STATES OF AMERICA
 16C. DATE SIGNED
 07/24/2013

- I. The current clause I.120 FAR 52.217-8 Option To Extend Services (November 1999) is deleted and replaced by I.120 FAR 52.217-8 (November 1999)(Deviation July 2013) and is provided as follows:

FAR 52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)(deviation JUL 2013) The Government may require continued performance of any services within the limits and at the rates specified in the Contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed one year. The Contracting Officer may exercise the option by written notice to the Contractor within 10 calendar days of contract expiration.

- II. Contract clause I.120 FAR 52.217-8 Option To Extend Services (Nov 1999)(Deviation July 2013), is exercised to extend this Contract through September 30, 2013.

- III. Contract Clause F.1 Term of Contract is revised by deleting paragraph (b) and substituting for following:

(b) The period of performance of this Contract will expire on September 30, 2013, unless sooner reduced, terminated or extended in accordance with the provisions of this Contract. Provisions of the Contract applicable to the Term apply to any and all options which may be exercised.

- IV. Clause B.2 is revised to acknowledge the extension until September 30, 2013 as follows:

B.2 TRANSITION COST, ESTIMATED COST, MAXIMUM AVAILABLE FEE, AND AVAILABLE FEE (Modification [290](#), [284](#), [280](#), [270](#), [257](#), [239](#), [238](#), [219](#), [M201](#), [M180](#), [M162](#), [M153](#), [M150](#), [M141](#), [M132](#), [M103](#), [M092](#), [M080](#), [M055](#), [M051](#), [M049](#), [M034](#), [M022](#), [M003](#), [A002](#))

- (a) Estimated Cost:

- (1) The term of the transition period is from September 1, 2000 through October 31, 2000. The transition period will be on a cost reimbursement basis and the estimated cost will be negotiated after contract award.
- (2) The Estimated Cost of the Fiscal Year (FY) 2001 period of performance is \$567,376,000 (including fee).
- (3) The Estimated Cost of the Fiscal Year (FY) 2002 period of performance is \$634,411,000 (including fee).
- (4) The Estimated Cost of the Fiscal Year (FY) 2003 period of performance is \$674,299,000 (including fee).
- (5) The Estimated Cost of the Fiscal Year (FY) 2004 period of performance is \$719,428,000 (including fee).

- (b) Fee (Through FY 2004):

- (1) The Estimated Fee Base as defined in Department of Energy Acquisition Regulations (DEAR) 970.15 for FY 2001 is \$484,177,068. The proposed Maximum Available Fee for FY 2001 is \$22,000,000.

- (i) The Estimated Fee Base for FY 2002 is \$527,634,396. The Maximum Available Fee for FY 2002 is \$22,000,000.
 - (ii) The Estimated Fee Base for FY 2003 is \$602,760,811. The Maximum Available Fee for FY 2003 is \$22,940,552.
 - (iii) The Estimated Fee Base for FY 2004 is \$633,649,655. The Maximum Available Fee for FY 2004 is \$26,200,000.
- (2) The Maximum Available Fee as proposed and set forth in (b)(1) above for FY 2001 shall also serve as the Maximum Available Fee for FY 2002 - FY 2005 and Option Years FY 2006 - FY 2010 unless the Estimated Fee Base for a given fiscal year deviates by more than plus or minus 15% from the Estimated Fee Base set forth above for FY 2001. The proposed Maximum Available Fee shall be applicable to the prime contractor and its members in a joint venture or Limited Liability Company, teaming partners, and subcontractors identified and considered as part of the selection and award of this contract, if any.
- (3) In the event the Estimated Fee Base deviates for any fiscal year more than plus or minus 15% from the Estimated Fee Base set forth in (b)(1) above, the Contractor agrees to negotiate with the U.S. Department of Energy (DOE) an equitable adjustment to the Maximum Available Fee amount to reflect the impact of such deviation. The new Maximum Available Fee for that fiscal year will be the amount calculated by DOE in accordance with DEAR 970.15 (consistent with the FY 2001 fee computation methodology), multiplied by the ratio of the proposed FY 2001 Maximum Available Fee in (b)(1) above and \$23,198,932. In the event the parties are unable to reach agreement on the Maximum Available Fee amount, the Government reserves the right to unilaterally establish the Maximum Available Fee amount.
- (4) The Available Fee for FY 2001 - FY 2005 and Option Years FY 2006 - FY 2010 will be negotiated annually (or any other period as may be mutually agreed to between the parties) between the Contractor and the Government. The Available Fee will be equal to or less than the Maximum Available Fee defined in (b)(1) above. The Available Fee shall be established considering the level of complexity, difficulty, cost effectiveness, and risk associated with specific objectives/incentives defined in the Performance Evaluation Plan (PEP), including work involving multiple-site taskings/objectives. Higher or lower levels of complexity, difficulty, cost effectiveness, and risk will correspondingly allow a higher or lower available fee. The portion of this Available Fee defined as award fee or comprehensive incentive versus performance-based incentives will be determined for each period during the negotiation of the requirements in the PEP. In the event the parties are unable to reach agreement on the Available Fee amount, the Government reserves the right to unilaterally establish the Available Fee amount. The Contract will be modified to reflect the Available Fee for each period.
- (5) RESERVED

- (6) The fee amounts Available and Earned for the specified Contract Periods are set forth below:

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
November 1, 2000 through September 30, 2001		
Award Fee	\$ 8,570,808	\$ 7,530,985
Performance Based Incentives	<u>\$ 11,595,858</u>	<u>\$ 8,604,587</u>
Total Actual Available Fee	\$ 20,166,666	\$ 16,135,572

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2001 through September 30, 2002		
Award Fee	\$ 6,692,250	\$ 5,554,568
Performance Based Incentives	<u>\$ 15,307,750</u>	<u>\$ 13,758,121</u>
Total Actual Available Fee	\$ 22,000,000	\$ 19,312,689

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2002 through September 30, 2003		
Award Fee	\$ 12,054,996	\$ 10,849,496
Performance Based Incentives	<u>\$ 10,885,556</u>	<u>\$ 10,339,015</u>
Total Actual Available Fee	\$ 22,940,552	\$ 21,188,511

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2003 through September 30, 2004		
Award Fee	\$ 16,310,939	\$ 15,810,939
Performance Based Incentives	<u>\$ 9,889,061</u>	<u>\$ 9,074,251</u>
Total Actual Available Fee	\$ 26,200,000	\$ 24,885,190

Fee for the above period will be earned by the contractor based on performance related to both the comprehensive fee performance objectives and the performance based incentives, which are contained in the Performance Evaluation Plan.

- (7) There will be no fee paid for the transition period.
- (c) Fee (Beginning FY2005):
Beginning in Fiscal Year 2005 the maximum potential fee and the actual available fee for each fiscal year will be established by NNSA prior to the commencement of the applicable fiscal year in accordance with NNSA Policy Letter: BOP-003.0501 dated January 10, 2005, and incorporated into paragraph (c)(5) below by modification.

- (1) Up to thirty-five percent (35%) of the actual available fee pool shown in (c)(5) below for a given contract period may be paid to the Contractor provisionally in equal monthly increments of one-twelfth (1/12) of the amount per month. This provisional fee payment is the only fee payment that will be made prior to the final fee determination. The final determination of fee will be made by the Fee Determining Official (FDO), in accordance with the fee clauses of this contract. In the event that overpayment results from the payment of fee on a provisional basis, the Contractor shall reimburse such overpayment to the Government upon

demand, payable with interest in accordance with FAR 52.232-17,
Interest.

- (2) Estimated Budget –
- (i) The estimated budget for FY2005 is \$692,148,000.
 - (ii) The estimated budget for FY2006 is \$682,699,000.
 - (iii) The estimated budget for FY2007 is \$700,000,000.
 - (iv) The estimated budget for FY2008 is \$790,472,000.
 - (v) The estimated budget for FY2009 is \$760,178,000.
 - (vi) The estimated budget for FY2010 is \$762,003,000.
 - (vii) The estimated budget for FY2011 is \$803,000,000.
 - (viii) The estimated budget for FY2012 is \$960,816,000.
 - (ix) The estimated budget and fee for the six one-month option periods for FY 2013 is calculated as follows (in \$1000's):

FY 2013 Fee Base	\$1,171,339
Six month Fee Base	\$ 585,670
1/12 of 2013 Fee Base	\$ 97,611
- (3) Work for Others Fee:
- (i) The Work for Others fee percentage for FY2005 is 3.91% (85% of 4.6%).
 - (ii) The Work for Others fee percentage for FY2006 is 4.50% (85% of 5.3%).
 - (iii) The Work for Others fee percentage for FY2007 is 5.95% (85% of 7.0%).
 - (iv) The Work for Others fee percentage for FY2008 is 5.95% (85% of 7.0%).
 - (v) The Work for Others fee percentage for FY2009 is 5.95% (85% of 7.0%).
 - (vi) The Work for Others fee percentage for FY2010 is 5.95% (85% of 7.0%).
 - (vii) The Work for Others fee percentage for FY2011 is 5.95% (85% of 7.0%).
 - (viii) The Work for Others fee percentage for FY2012 is 5.95% (85% of 7.0%).
 - (ix) The Work for Others fee percentage for FY 2013 monthly Option periods is 5.95% (85% of 7.0%).
- (4) Cash Work - The amount of fee for work accomplished for other Management and Operating contractors will be negotiated between the two contractors.
- (5) Available and earned fee amounts for the specified contract periods are:
Maximum Potential Available Fee: Amounts shown relate to the estimated budget in (c)(2) above. The fee obtained from work accomplished under paragraphs (c)(3) and (4) above are additive to the amounts shown below.

<u>Contract Period</u>	<u>Maximum Available</u>
October 1, 2004 through September 30, 2005	\$45,280,710
October 1, 2005 through September 30, 2006	\$44,662,551
October 1, 2006 through September 30, 2007	\$45,794,393
October 1, 2007 through September 30, 2008	\$51,713,121
October 1, 2008 through September 30, 2009	\$49,731,271
October 1, 2009 through September 30, 2010	\$49,850,664
October 1, 2010 through September 30, 2011	\$52,532,710
October 1, 2011 through September 30, 2012	\$57,641,794

Fiscal Year 2013 is dependent length of contract and will use the following information:

1/12 of the MAF	\$ 6,386
Six months of MAF	\$ 38,315

Fiscal Year maximum Available Fee (MAF) \$ 76,630

Actual Available and Earned Fee: Actual available fee will be earned by the contractor based on performance related to award fee (AF) objectives, high challenge fee, multi-site fee, and performance based incentives (PBIs) contained in the Performance Evaluation Plan.

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2004 through September 30, 2005		
Award Fee	\$18,499,187	\$16,538,795
Performance Based Incentives	<u>\$11,939,445</u>	<u>\$10,947,995</u>
Total Actual Available Fee	\$30,438,632	\$27,486,790

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2005 through September 30, 2006		
Award Fee	\$18,261,085	\$13,713,228**
Performance Based Incentives	<u>\$16,100,783</u>	<u>\$17,821,357</u>
Subtotal	\$34,361,868	\$31,534,585**
High Challenge Fee	<u>\$10,300,683</u>	<u>\$ 5,037,250**</u>
Total Actual Available Fee	\$44,662,551	\$34,534,585

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2006 through September 30, 2007		
Base Fee (AF and PBIs)	\$32,056,075	\$27,703,338
Stretch Fee (AF and PBIs)	<u>\$ 9,158,879</u>	<u>\$ 6,577,340</u>
Subtotal	\$41,214,954	\$34,280,678
Multi-Site Fee	<u>\$ 4,579,439</u>	<u>\$ 3,492,321</u>
Total Actual Available Fee	\$45,794,393	\$37,772,999

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2007 through September 30, 2008		
Base Fee (AF and PBIs)	\$33,613,529	\$30,700,765
Stretch Fee (AF and PBIs)	\$12,928,280	\$10,374,765
Subtotal	\$46,541,809	\$41,075,530
Multi-Site Fee	\$ 5,171,312	\$ 5,171,312
Total Actual Available Fee	\$51,713,121	\$46,246,842

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2008 through September 30, 2009		
Base Fee (AF and PBIs)	\$32,949,655	\$31,253,880
Stretch Fee (AF and PBIs)	\$11,808,489	\$ 9,326,639
Subtotal	\$44,758,144	\$40,580,519
Multi-Site Fee	\$ 4,973,127	\$ 4,968,127
Total Actual Available Fee	\$49,731,271	\$45,548,646

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2009 through September 30, 2010		
Base Fee (AF and PBIs)	\$32,402,932	\$29,822,958
Stretch Fee (AF and PBIs)	\$12,462,666	\$12,216,566
Subtotal	\$44,865,598	\$42,039,524
Multi-Site Fee	\$ 4,985,066	\$ 4,985,066
Total Actual Available Fee	\$49,850,664	\$47,024,590
Management Adjustment	-----	(\$1,824,000)
Total Fee Earned		\$45,200,590

Available and earned fee amounts for the extended performance beginning October 1, 2010 through September 30, 2011; October 1, 2011 through September 30, 2012; and Option Periods October 1, 2012 through December 31, 2012 and January 1, 2013 through March 31, 2013:

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2010 through September 30, 2011		
Base Fee (AF and PBIs)	\$37,796,410	\$34,558, 595
Stretch Fee (AF and PBIs)	\$ 9,483,029	\$ 8,692,987
Subtotal	\$47,279,439	\$43,251,582
Multi-Site Fee	\$ 5,253,271	\$ 5,253,271
Total Actual Available Fee	\$52,532,710	\$48,504,853

<u>Actual Contract Period</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2011 through September 30, 2012		
Base Fee (AF and PBIs)	\$40,727,615	\$30,393,710
Stretch Fee (AF and PBIs)	\$11,150,000	\$ 6,483,125
Subtotal	\$51,877,615	\$36,876,835
Multi-Site Fee	\$ 5,764,179	\$ 5,764,179
Total Actual Available Fee	\$57,641,794*	\$42,641,014
Less Management Adjustment		\$10,000,000
Total Fee Earned		\$32,641,014

* Fee will not be paid on funding provided for pensions.

Fiscal Year 2013:

<u>Option Periods:</u>	<u>Available Fee</u>	<u>Earned Fee</u>
October 1, 2012 through October 31, 2012	\$6,386,000	\$TBD
November 1, 2012 through November 30, 2012	\$6,386,000	\$TBD
December 1, 2012 through December 31, 2012	\$6,386,000	\$TBD
January 1, 2013 through January 31, 2013	\$6,386,000	\$TBD
February 1, 2013 through February 28, 2013	\$ N/A	\$TBD
March 1, 2013 through March 31, 2013	\$ N/A	\$TBD

FAR 52.217-8, Option to Extend Services

February 1, 2013 to September 30, 2013	\$51,088,000	\$TBD
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Note: In the event the Actual Budget deviates by more than plus or minus 15% from the Estimated Budget and Fee Base defined in (c)(2) which is determined by BOP—003.0501, the Contractor agrees to negotiate with the National Nuclear Security Administration an equitable adjustment to the Maximum Available Fee amount to reflect the impact of such deviation.

End Clause