

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 6 PAGES
2. AMENDMENT/MODIFICATION NO. M013	3. EFFECTIVE DATE 8/30/02	4. REQUISITION/PURCHASE REQ. NO. NOPR	5. PROJECT NO. (If applicable)		
6. ISSUED BY U.S. Department of Energy Idaho Operations Office Procurement Services Division 850 Energy Drive Idaho Falls, ID 83401-1563		7. ADMINISTERED BY (If other than Item 6) Brad Bauer Tel: (208) 526-0090 Fax: (208) 526-5548 E-mail: bauerbg@id.doe.gov		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state, ZIP Code) Foster Wheeler Environmental Corporation 3200 George Washington Way, Suite G Richland, WA 99352			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-00ID13729		
			10B. DATED (SEE ITEM 13) May 19, 2000		
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 as amended, by one of the following methods:

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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

- X** A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority):
THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 52.243-1 CHANGES--FIXED-PRICE AUG 1987 ALTERNATE I
- 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)

This modification deletes the Shippingport Seed and Blanket Fuels from the contract, provides a new fuel shipping schedule, and incorporates the equitable adjustment for these changes.

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

15A. NAME AND TITLE OF SIGNER (Type or print) RONALD D BATT, ISF PROJECT MANAGER		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Brad Bauer Contracting Officer	
15B. CONTRACTOR/OFFEROR BY (Signature) (Signature of person authorized to sign)	15C. DATE SIGNED 10/25/02	16B. UNITED STATES OF AMERICA BY (Signature) (Signature of Contracting Officer)	16C. DATE SIGNED 11/4/02

Section B of the Contract is changed as follows:

Section B - Supplies or Services and Prices/Costs, subsection B.3.,

1. Price Method 1 (Phases I-III),

a. Phase I-A: Fixed Lump Sum Price:

CHANGE: FROM: \$67,106,342

TO: \$66,708,081

b. Phase IB:

NO CHANGE

c. Phase III:

Amortized Capital Costs Peach Bottom Fuel:

CHANGE:

FROM: 800 FHUs Unit Price: \$142,445 Total: \$113,956,000

TO: 800 FHUs Unit Price: \$141,527 Total: \$113,221,595

Processing Prices:

LWBR Fuel:

CHANGE:

FROM: 16,721 fuel rods: Unit Price \$ 416 Total: \$6,955,936

TO: 2,971 fuel rods: Unit Price \$ 1,107 Total: \$3,288,403

Section C, Attachment C-A-D is changed to remove from the scope of work all Shippingport LWBR spent nuclear fuel blanket and seed assemblies. The following Shippingport LWBR fuel liner serial numbers (as identified in Section C, Attachment C-A-D) are deleted from the scope of the contract: (1) fifteen blanket fuel liners 15613, 15614, 15615, 15616, 15617, 15618, 15619, 15620, 15621, 15622, 15623, 15624, 15682, 15684, and 15687; and (2) twelve seed fuel liners 15601, 15602, 15603, 15604, 15605, 15606, 15607, 15608, 15609, 15610, 15611, and 15612. The total number of Shippingport LWBR fuel rods to be received, processed and stored by Foster Wheeler is reduced from 16,721 to 2,971. Through this change, the entire future scope associated with the handling and storage of LWBR blanket and seed spent nuclear fuel (e.g., completion of Phase IA; and all work in Phase IB, Phase II, Phase III, and Phase IV) is removed from this contract.

This contract change does not change the facility configuration, including the number and diameter of storage tubes. The facility and equipment design and capability (e.g., for all areas of the facility, such as the impacted storage, hot cell, transfer areas, canister closure area, waste management area) will continue to use the enveloping source term and mass for the

LWBR seed and blanket fuel. The thermal source term for these areas will be based on 120 watts per assembly.

A revised "Shipping Cask and Fuel Receipt Schedule" is incorporated by this modification. Only the fuel listed on the revised "Shipping Cask and Fuel Receipt Schedule" will be delivered to the contractor for repackaging and storage.

Information concerning fuel types other than those specified in the "Shipping Cask and Fuel Receipt Schedule", mentioned elsewhere in the contract and modifications, are for information only and not part of the scope of this contract (i.e. TRIGA FLIP, Fermi).

Shipping Cask and Fuel Receipt Schedule -- January 2006 Start

Month	Year	SNF Type	No. FHUs	Shipping Cask	Location	No. Shipments	Remarks
January	2006	Peach Bottom Core 2	48	" "	IFSF	4	12 FHU/Cask
February	2006	Peach Bottom Core 2	48	" "	IFSF	4	" "
March	2006	Peach Bottom Core 2	48	" "	IFSF	4	" "
April	2006	Peach Bottom Core 2	48	" "	IFSF	4	" "
May	2006	Peach Bottom Core 1	90	" "	CPP-749	5	18 FHU/cask
June	2006	Peach Bottom Core 1	90	" "	CPP-749	5	" "
July	2006	Peach Bottom Core 1	90	" "	CPP-749	5	" "
August	2006	Peach Bottom Core 1	90	" "	CPP-749	5	" "
September	2006	Peach Bottom Core 1	90	" "	CPP-749	5	" "
October	2006	Peach Bottom Core 2	48	" "	IFSF	4	12 FHU/Cask
November	2006	Peach Bottom Core 2	48	" "	IFSF	4	" "
December	2006	Peach Bottom Core 2	48	" "	IFSF	4	" "
January	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
February	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
March	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
April	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
May	2007	Peach Bottom Core 1	90	" "	CPP-749	5	18 FHU/cask
June	2007	Peach Bottom Core 1	90	" "	CPP-749	5	" "
July	2007	Peach Bottom Core 1	90	" "	CPP-749	5	" "
August	2007	Peach Bottom Core 1	94	" "	CPP-749	6	18 FHU/cask (1 partial shipment)
September	2007	Peach Bottom Core 1	4	" "	IFSF	1	4 FHU/cask (partial)
	2007	Peach Bottom Core 2	24	" "	IFSF	2	12 FHU/Cask
October	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
November	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
December	2007	Peach Bottom Core 2	48	" "	IFSF	4	" "
January	2008	Peach Bottom Core 2	48	" "	IFSF	5	SEE PEACH BOTTOM NOTE BELOW
February	2008	Peach Bottom Core 2	43	" "	IFSF	7	" "
March	2008	Shippingport LWBR	4	" "	CPP-749	4	SEE LWBR NOTE BELOW -- 1 FHU/cask -- 4 Reflector V (15634-A, 15635-A, 15636-A, and 15638-A)
April	2008	Shippingport LWBR	4	" "	CPP-749	4	1 FHU/cask -- 2 Reflector V (15637-B and 15639-A); 2 Reflector IV (15625-A and 15626-A)
May	2008	Shippingport LWBR	5	" "	CPP-749	5	1 FHU/cask -- 5 Reflector IV (15627-B, 15628-B, 15629-A, 15630-A, 15631-A)
June	2008	Shippingport LWBR	6	" "	CPP-749	3	1 FHU/cask -- 2 Reflector IV (15632-A and 15633-B); 1 Reflector Scrap (15681-C);
July	2008	TRIGA	90	" "	IFSF	5	18 FHU/cask
August	2008	TRIGA	72	" "	IFSF	4	" "
September	2008	TRIGA	90	" "	IFSF	5	" "
October	2008	TRIGA	68	" "	IFSF	4	18 FHU/cask (1 partial shipment)

GENERAL NOTE:

Peach Bottom Core 1: 818 FHUs = 812 elements and 6 partial elements Peach Bottom Core 2: 787 FHUs = 787 elements

Shippingport LWBR: 16 FHUs = 2971. See LWBR Note below.)

TRIGA: 320 FHUs = 1600 elements

PEACH BOTTOM NOTE:

January 2008: 1 shipment w/ 12 FHU/cask; 2 shipments w/ 11 FHU/cask; 1 shipment w/ 10 FHU/cask; 1 shipment w/ 4 FHU/cask

February 2008: 1 shipment w/ 12 FHU/cask; 2 shipments w/ 9 FHU/cask; 1 shipment w/ 6 FHU/cask; 1 shipment w/ 5 FHU/cask;
and 2 shipments w/ 1 FHU/cask

LWBR NOTE:

The Liner Number and Liner Type are shown in parenthesis ("liner #" - "liner type") after each LWBR type (Reflector V, Reflector IV). For detailed information on number of rods in each liner, see Table 6-1 in Section J-L, Reference Document 1-3. For even more detail on the Type C liners, see Table 6-2 in the same Reference Document.

Contractor's Statement of Release

In consideration of the modification(s) agreed to herein as complete equitable adjustments for the Contractor's "Amendment to Proposal for Contract Cost and Schedule Impacts for Deletion of Shippingport Seed and Blanket Fuel Modules" dated June 20, 2001 and "Revised Proposal for Contract Cost and Schedule Impacts for Deletion of Shippingport Seed and Blanket Fuel Modules" dated May 3, 2002" proposal(s) for adjustment," the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposal(s) for adjustment."