AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			NTRACT ID CODE	PA	AGE OF	PAGES 2
2. AMENDMENT/MODIFICATION NO. 247	3. EFFECTIVE DATE (M.D/Y)  See Block 16C	4. REQUISITION/PURC 11EM00	5. PROJECT NO. (If applicable)			
6. ISSUED BY CODE		7. ADMINISTERED BY	CODE			
U.S. Department of Energy Office of River Protection P. O. Box 450, MS H6-60 Richland, WA 99352						
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	ounty, State and ZIP code)		9A. AMENDME	NT OF SOLIC	CITATION NO.	
Bechtel National, Inc. 2435 Stevens Center Place Richland, WA 99354		DE-AC	ATION OF CO 27-01RV1 SEE ITEM 13)		ER NO.	
CODE 396A5	FACILITY CODE 153392	2068	Decemb	er 11, 200	0	30 - 10 - 2 <u>21</u> 0
11. THIS I	TEM APPLIES TO AMENI	OMENTS OF SOLIC	ITATIONS			
submitted; or (c) By separate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO desire to change an offer already submitted, such change may be prior to the opening hour and date specified.  12. ACCOUNTING AND APPROPRIATION DATA (If required to the opening hour and date specified).  13. THIS ITEM ALTI MODIFIES  CHECK ONE  A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (S)  Clause I.82, FAR 52.243-2 Changes — Cost Re  B. THE ABOVE NUMBERED CONTRACT/ORDER IS IN TIEM 14, PURSUANT TO AUTHORITY OF FAR 42.  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED D. OTHER (Specify type of modification and authority)	nour and date specified in the solicitates of the amendment; (b) By acknowledgenere to the solicitation and amend the DATE AND HOUR SPECIFIED made by telegram or letter, provided ared)  PPLIES ONLY TO MODIFIED THE CONTRACT/ORDER (Specify authority) THE CHANGES SET Filmbursement (AUG 1987) — Alto MODIFIED TO REFLECT ADMINIS 3, 103(b).  DINTO PURSUANT TO THE AUTHORISM SET FOR THE CONTRACT ADMINIS 1, 103(b).	tion or as amended, by one edging receipt of this amer idment numbers. FAILUR: D MAY RESULT IN REJECT Each telegram or letter material telegra	dment on each copy of YOUR ACKNO TION OF YOUR OFF tes reference to the s TRACTS/ORDI H IN ITEM 14. DE IN THE CONTRAC  as changes in paying	of the offer WLEDGEMEN FER. If by viriolicitation and ERS,	NT TO BE RECE tue of this amen d amendment an	dment you id is received
E. IMPORTANT: Contractor is not, is	required to sign this document		-	A 90 55507 7		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (OR Reference Continuation Page(s)	trganized by UCF section headings, i	including solicitation/contr	act subject matter wi	here feasible.)		
Except as provided herein, all terms and conditions of the docum	nent referenced in Item 9A or 10A, as					
15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  George F. Champlain  Contracting Officer					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATE	OF AMERICA		16C. DATE	SIGNED
Circumum of names authorized to gion		BY ORIGINA	AL SIGNE	O BY	100	20 2011

## **Modification Purpose:**

- A. The purpose of this modification is to:
  - 1. Direct BNI to continue with the performance of large scale testing (LST) to substantiate the committed design, reduce risk, and support design confirmation of pulse jet mixed vessels; to include meeting DOE commitments in *Implementation Plan for Defense Nuclear Safety Board Recommendation 2010-2* to perform testing of mixing, sampling, and transfer systems to ensure the WTP can operate safely; and
  - 2. Authorize a not-to-exceed amount of \$25,000,000 (\$15,000,000 rolled over from Modification 221 plus an additional \$10,000,000).
- **B.** This modification does not add additional funds to the contract. Accordingly, work under the contract, such as that described herein, must be performed within the amount of funds which have been incrementally allotted to the contract in accordance with clause B.2 "Obligation and Availability of Funds and Contract Value", and clause I.66,"FAR 52.232-22 Limitation of Funds (Apr 1984)."

## **Modification Description:**

BNI is directed to continue with the performance of large scale testing (LST), as specified in Section C, Statement of Work, Standard 2 Research, Technology, and Modeling, (a) Research and Technology Testing Program (3) Required Research and Technology Testing, (x) Vessel Mixing.

All other terms and conditions remain unchanged.

(End of Modification)