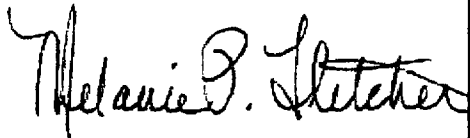


DEPARTMENT OF ENERGY- PNSO ACCEPTANCE

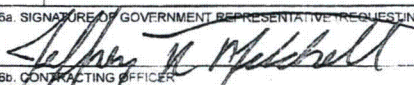
1. TO NRC Office of Nuclear Reactor Regulation		2. AGREEMENT NUMBER NRCHQ2014D0017		3. AMOUNT (as Listed on Agreement) \$38,392.00	
4. The Agreement identified above is accepted and the items requested will be provided as follows: (Check as Applicable)					
a. <input checked="" type="checkbox"/> ALL ITEMS WILL BE PROVIDED THROUGH REIMBURSEMENT (Category I) b. <input type="checkbox"/> ALL ITEMS WILL BE PROCURED BY THE DIRECT CITATION OF FUNDS (Category II) c. <input type="checkbox"/> ITEMS WILL BE PROVIDED BY BOTH CATEGORY I AND CATEGORY II AS INDICATED BELOW d. <input type="checkbox"/> THE ACCEPTANCE, FOR CATEGORY I ITEMS, IS QUALIFIED BECAUSE OF ANTICIPATED CONTINGENCIES AS TO FINAL PRICE. CHANGES IN THIS ACCEPTANCE FIGURE WILL BE FURNISHED PERIODICALLY UPON DETERMINATION OF DEFINITIZED PRICES, BUT PRIOR TO SUBMISSION OF BILLINGS.					
5. <input type="checkbox"/> AGREEMENT ITEM NUMBER(S) IDENTIFIED IN BLOCK 13, "REMARKS," IS NOT ACCEPTED (IS REJECTED) FOR THE REASONS INDICATED.					
6. TO BE PROVIDED THROUGH REIMBURSEMENT CATEGORY I			7. TO BE PROCURED BY DIRECT CITATION OF FUNDS CATEGORY II		
ITEM NO. a.	QUANTITY b.	ESTIMATED PRICE c.	ITEM NO. a.	QUANTITY b.	ESTIMATED PRICE c.
		\$38,392.00			
d. TOTAL ESTIMATED PRICE		\$38,392.00	e. TOTAL ESTIMATED PRICE		
8. ANTICIPATED DATE OF OBLIGATION FOR CATEGORY II ITEMS			9. GRAND TOTAL ESTIMATED PRICE OF ALL ITEMS		
10. FUNDS DATA (Check if Applicable)					
a. <input type="checkbox"/> ADDITIONAL FUNDS IN THE AMOUNT OF \$ ARE REQUIRED (See justification in Block 13) b. <input type="checkbox"/> FUNDS IN THE AMOUNT OF \$ ARE NOT REQUIRED AND MAY BE WITHDRAWN					
11. REMARKS					
<p>Action authorized to support DOE Project No. 60277G</p> <p>Consistent with the Department of Energy's (DOE) full cost recovery policy, DOE collects, as part of its standard indirect cost rate, a Laboratory Directed Research and Development (LDRD) cost. Based on the amount of funds being accepted for this project, \$1,814 represents the estimated amount that will be used for LDRD efforts. DOE believes that LDRD efforts provide opportunities in research that are instrumental in promoting cutting-edge science capabilities. In addition, DOE believes these capabilities benefit all the customers at the laboratory. By providing funds to DOE to perform work, you acknowledge that such activities are consistent with appropriations acts that provide funds to you.</p>					
12. ACCEPTING ACTIVITY U.S. Department of Energy Pacific Northwest Site Office P.O. Box 350 (Mail Stop K9-42) Richland, WA 99352			13. TYPED NAME AND TITLE OF AUTHORIZED OFFICIAL Melanie P. Fletcher, Contracting Officer		
			14. SIGNATURE 		15. DATE 5/15/2014

SUNSI REVIEW COMPLETE

JUN 23 2014
23 2014

ADM092

TEMPLATE - ADM001

INTERAGENCY AGREEMENT		1. IAA NO. NRC-HQ-20-14-D-0017		PAGE OF 1 3		
2. ORDER NO.		3. REQUISITION NO. NRR-14-0152		4. SOLICITATION NO.		
5. EFFECTIVE DATE 05/05/2014		6. AWARD DATE 05/05/2014		7. PERIOD OF PERFORMANCE 05/05/2014 TO 08/31/2014		
8. SERVICING AGENCY PACIFIC NORTHWEST NAT LAB A.L.C: DUNS: +4: US DEPARTMENT OF ENERGY PACIFIC NORTHWEST SITE OFFICE PO BOX 350 MS K9-42 RICHLAND WA 99352 POC Genice Madera TELEPHONE NO. 509-372-4010			9. DELIVER TO KEVIN HELLER US NUCLEAR REGULATORY COMMISSION OFFICE OF NUCLEAR REACTOR REGULATION 11555 ROCKVILLE PIKE ROCKVILLE MD 20852			
10. REQUESTING AGENCY ADM A.L.C: 31000001 DUNS: 040535809 +4: US NUCLEAR REGULATORY COMMISSION ONE WHITE FLINT NORTH 11555 ROCKVILLE PIKE ROCKVILLE MD 20852-2738 POC Sandra Nesmith TELEPHONE NO. 301-287-0847			11. INVOICE OFFICE US NUCLEAR REGULATORY COMMISSION ONE WHITE FLINT NORTH 11555 ROCKVILLE PIKE MAILSTOP O3-E17A ROCKVILLE MD 20852-2738			
12. ISSUING OFFICE US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP 3WFN-05-C64MP WASHINGTON DC 20555-0001			13. LEGISLATIVE AUTHORITY Energy Reorganization Act of 1974			
			14. PROJECT ID J4433			
			15. PROJECT TITLE REVIEW OF AURORA-B: AN EVALUATION MODEL FOR BOILI			
16. ACCOUNTING DATA 2014-X0200-FEEBASED-20-20D008-11-4-141-1065-251D						
17. ITEM NO	18. SUPPLIES/SERVICES		19. QUANTITY	20. UNIT	21. UNIT PRICE	22. AMOUNT
	Reference Requisition: NRR-14-0152 TITLE: REVIEW OF AURORA-B: AN EVALUATION MODEL FOR BOILING WATER REACTORS; APPLICATION TO TRANSIENT AND ACCIDENT SCENARIOS. REVISION 0, ANP-10300P Period of Performance: May 6, 2014 - August 31, 2014. *****This new DOE Agreement replaces the Project ID Code from J4433, Task Order 11 to Continued ...					
23. PAYMENT PROVISIONS			24. TOTAL AMOUNT \$38,392.00			
25a. SIGNATURE OF GOVERNMENT REPRESENTATIVE (SERVICING)			26a. SIGNATURE OF GOVERNMENT REPRESENTATIVE (REQUESTING) 			
25b. NAME AND TITLE		25c. DATE	26b. CONTRACTING OFFICER JEFFREY R. MITCHELL		26c. DATE 5/5/2014	

NRC-HQ-20-14-D-0017.*****

The proposal from PNNL, dated April 23, 2014, for Project ID Code J4433, Task Order 11, is hereby transferred to this new DOE Agreement No. NRC-HQ-20-14-D-0017.

The outstanding tasks/effort remaining on Project ID Code J4433, Task Order 11, shall be performed on this new DOE Agreement No. NRC-HQ-20-14-D-0017.

The remaining funds under Project ID Code J4433, Task Order 11, shall be used first. Once the funds under J4433, Task Order 11 are exhausted, the DOE Laboratory shall transition the billing efforts to this new Agreement NRC-HQ-20-14-D-0017.

Consideration and Obligations:

(a) Authorized cost ceiling \$38,392.00 (Note: The authorized cost ceiling is the difference from the authorized cost ceiling on Project ID Code J4433, Task Order 11, minus the total obligations allotted for Project ID Code J4433, Task Order 11. Also note that since Project ID Code J4433, Task Order 11 was fully funded, the new ceiling under NRC-HQ-20-14-D-0017 will be the total cost for the increased level of effort identified in the PNNL proposal dated April 23, 2014.

(b) The amount presently obligated with respect to this agreement is \$38,392.00. When and if the amount(s) paid and payable to the DOE Laboratory hereunder shall equal the obligated amount, the DOE Laboratory shall not be obligated to continue performance of the work unless and until the NRC Contracting Officer shall increase the amount obligated with respect to this DOE Agreement. Any work undertaken by the DOE Laboratory in excess of the obligated amount specified above is done so at the DOE laboratory's sole risk.

Fee Recoverable Work Non-fee Recoverable Work

Continued ...

Attachment No. 1: Statement of Work
Attachment No. 2: PNNL Proposal dated April 23, 2014
Attachment No. 3: DOE Standard Terms and Conditions

This agreement is entered into pursuant to the authority of the Energy Reorganization Act of 1974, as amended (42 U.S.C 5801 et seq.). This work will be performed in accordance with the NRC/DOE Memorandum of Understanding dated November 24, 1998. To the best of our knowledge, the work requested will not place the DOE and its contractor in direct competition with the domestic private sector.

Master IAA: N/A