

Grant and Cooperative Agreement

CHOOSE ONE:

- COOPERATIVE AGREEMENT
 GRANT

CHOOSE ONE: EDUCATION FACILITIES RESEARCH SDCR TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-04-08-144	2. SUPPLEMENT NUMBER M0011	3. EFFECTIVE DATE 04/23/2014	4. COMPLETION DATE
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5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) UNIVERSITY OF CALIFORNIA, BERKELEY NA BERKELEY CA 947045940	6. ISSUED BY U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: 3WFN-05-C64MP Washington DC 20555-0001
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7. TAXPAYER IDENTIFICATION NO. (TIN)	9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Professor Stephen Mahin, Peer Director mahin@berkeley.edu; p gates@berkeley.edu
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.	

10. RESEARCH, PROJECT OR PROGRAM TITLE
NEXT GENERATION ATTENUATION MODEL FOR CENTRAL AND EASTERN US (NGA-EAST)

11. PURPOSE
See Schedule

12. PERIOD OF PERFORMANCE (Approximately)
10/01/2008 through 09/30/2015

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$1,500,000.00	PREVIOUS	\$1,500,000.00
THIS ACTION	\$300,000.00	THIS ACTION	\$300,000.00
CASH SHARE	\$0.00	TOTAL	\$1,800,000.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$0.00		
TOTAL	\$1,800,000.00		

14. ACCOUNTING AND APPROPRIATION DATA
2014-X0200-FEEBASED-60-60D001-17-6-161-K6681-4110

PURCHASE REQUEST NO.	JOB ORDER NO.	AMOUNT	STATUS
RES-14-0203			

15. POINTS OF CONTACT

	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS
TECHNICAL OFFICER				
NEGOTIATOR				
ADMINISTRATOR	M'LITA R. CARR		301-287-0909	MLita.Carr@nrc.gov
PAYMENTS				

16. THIS AWARD IS MADE UNDER THE AUTHORITY OF:
Pursuant to Section 31b and 141b of the Atomic Energy Act of 1953, as amended

17. APPLICABLE STATEMENT(S), IF CHECKED: <input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT	18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS
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UNITED STATES OF AMERICA	COOPERATIVE AGREEMENT RECIPIENT
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CONTRACTING/GRANT OFFICER ERIKA EAM <i>Erika Eam</i>	DATE 04/23/2014	AUTHORIZED REPRESENTATIVE	DATE
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ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.006 NRC-04-08-144</p> <p>The purpose of this modification is to extend the period of performance until September 30, 2015 and increase the ceiling by \$300,000.00</p> <p>As a result of this modification:</p> <p>Total obligated amount for this modification: \$300,000.00</p> <p>Total ceiling amount changed from \$1,500,000.00 to \$1,800,000.00</p> <p>Period of Performance changed to October 1, 2008 - September 30, 2015.</p> <p>All other terms and conditions remain the same.</p> <p>Delivery Location Code: NRCHQ US NUCLEAR REGULATORY COMMISSION- MAIL PROCESSING CENTER 4930 BOILING BROOK PARKWAY ROCKVILLE MD 20852 USA</p> <p>Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY</p> <p>Period of Performance: 10/01/2008 to 09/30/2015</p>				