

# 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

M0015

3. EFFECTIVE DATE

04/13/2016

4. COMPLETION DATE

5. ISSUED TO

NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip)  
 UNIVERSITY OF CALIFORNIA, BERKELEY  
 2150 Shattuck Avenue, Room 313  
 BERKELEY CA 947045940

6. ISSUED BY

U.S. NRC - HQ

Mailing Address: Acquisition Management Division

Mail Stop: TWFN-5E03

Washington DC 20555-0001

7. TAXPAYER IDENTIFICATION NO. (TIN)

94-6002123

8. COMMERCIAL &amp; GOVERNMENT ENTITY (CAGE) NO.

9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name &amp; Phone)

Professor Khalid Mosalam, Peer Director

Email: mosalam@berkeley.edu; Phone: 510-634-4805

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 06/30/2016

13A.	AWARD HISTORY	13B.	FUNDING HISTORY
PREVIOUS	\$2,015,000.00	PREVIOUS	\$2,015,000.00
THIS ACTION	\$0.00	THIS ACTION	\$0.00
CASH SHARE	\$0.00	TOTAL	\$2,015,000.00
NON-CASH SHARE	\$0.00		
RECIPIENT SHARE	\$0.00		
TOTAL	\$2,015,000.00		

14. ACCOUNTING AND APPROPRIATION DATA

PURCHASE REQUEST NO.	JOB ORDER NO.	AMOUNT	STATUS

15. POINTS OF CONTACT

	NAME	MAIL STOP	TELEPHONE	E-MAIL ADDRESS
TECHNICAL OFFICER	SARAH B. SHAFFER	TWFN/10B21	301-415-2031	SARAH.SHAFFER@NRC.GOV
NEGOTIATOR				
ADMINISTRATOR	GORDANA ZUBER		301-415-5002	gordana.zuber@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:

- ☒ NO CHANGE IS MADE TO EXISTING PROVISIONS  
☐ FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT

18. APPLICABLE ENCLOSURE(S), IF CHECKED:

- ☐ PROVISIONS ☐ SPECIAL CONDITIONS  
☐ REQUIRED PUBLICATIONS AND REPORTS

UNITED STATES OF AMERICA

COOPERATIVE AGREEMENT RECIPIENT

CONTRACTING/GRANT OFFICER

M'LITA R. CARR

DATE

04/15/2016

AUTHORIZED REPRESENTATIVE

DATE

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

APR 19 2016

ADM002

# Grant and Cooperative Agreement

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: 77.009</p> <p>DUNS Number: 124726725</p> <p>Grant: NRC-04-08-144</p> <p>ZEROREQ-RES-16-0099</p> <p>The purpose of this modification is to change the Principal Investigator from Professor Stephen Mahin to Professor Khalid Mosalam. As a result, please make the following change to the award:</p> <p>Block 9, PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name &amp; Phone), delete in its entirety and replace with the following,  "Dr. Khalid Mosalam  Email: mosalam@berkeley.edu; Phone: 510-634-4805"</p> <p>All other terms and conditions remain the same.</p> <p>Payment:</p> <p>ASAP GRANT FUNDS REIMBURSEMENT SYS  US TREASURY</p> <p>Period of Performance: 10/01/2008 to 06/30/2016</p>				