

**U.S. NUCLEAR REGULATORY COMMISSION
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-HQ-12-G-04-0061	2. MODIFICATION NO. M001	3. PERIOD OF PERFORMANCE FROM: 07/23/2012 TO: 11/21/2014	4. AUTHORITY Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended
5. TYPE OF AWARD <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT	6. ORGANIZATION TYPE Non-Profit Entity DUNS: 041964057 NAICS: 541712	7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS National Academy of Sciences 500 5 th Street, N.W. Washington, DC 20001 Email: ddenning@nas.edu	
8. PROJECT TITLE: <p align="center">State of the Art and Practice in Earthquake Induced Soil Liquefaction Assessment</p>			
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED See Program Description AND APPENDIX A-PROJECT GRANT PROVISIONS	10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)	11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS National Academy of Sciences Attn: Sammantha L. Magsino 500 5 th Street, N.W. Washington, DC 20001 Email: smagsino@nas.edu	
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Heather Dempsey, Heather.Dempsey@nrc.gov 21 Church Street, Mail Stop: C6D20 Rockville, MD 20850 TA: Thomas Weaver, Thomas.Weaver@nrc.gov	13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2012-60-11-6-187 JOB CODE: G6023 BOC NO: 252A OFFICE ID NO: ADMIN. RPPA FAIMIS:	14. METHOD OF PAYMENT <input type="checkbox"/> ADVANCE BY TREASURY CHECK <input type="checkbox"/> REIMBURSEMENT BY TREASURY CHECK <input type="checkbox"/> LETTER OF CREDIT <input checked="" type="checkbox"/> OTHER (SPECIFY) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")	
15. NRC OBLIGATION FUNDS THIS ACTION \$0.00 PREVIOUS OBLIGATION \$100,000.00 TOTAL \$100,000.00		16. TOTAL FUNDING AGREEMENT NRC \$100,000.00 RECIPIENT \$0.00 TOTAL \$100,000.00 This action provides funds for Fiscal Year 2012 in the amount of \$0.00	
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: M'Lita Carr Mail Stop: TWB-01-B10M Washington, DC 20555 Email: MLita.Carr@NRC.gov			
18. Signature Not Required		19. NRC CONTRACTING OFFICER <div style="text-align: right;"><i>M'Lita Carr</i> 08/14/2012</div> <div style="display: flex; justify-content: space-between;">(Signature)(Date)</div> <div style="display: flex; justify-content: space-between;">NAME (TYPED) <u>M'Lita Carr</u></div> <div style="display: flex; justify-content: space-between;">TITLE <u>Grants Officer</u></div> <div style="display: flex; justify-content: space-between;">TELEPHONE NO. <u>301-492-3464</u></div>	
20. PAYMENT INFORMATION Payment will be made through the Automated Standard Application for Payment (ASAP.gov) unless the recipient has failed to comply with the program objectives, award conditions, Federal reporting requirements or other conditions specified in 2 CFR 215 (OMB Circular A110).			
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Non-Government Recipients. Acceptance of these terms and conditions is acknowledged when Federal funds are used on this project.			
22. ORDER OF PRECEDENCE In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.			
23. By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program.			

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

DESCRIPTION OF MODIFICATION:

The purpose of this modification M001 is:

1. Correct the award letter;
2. Correct the award document;
3. Correct the Attachment A.

As a result of this modification:

1. The third paragraph in the award letter is deleted in its entirety and replaced with the following:

"This award is made to the Recipient on condition that the funds will be administered in accordance with the terms and conditions as set forth in Attachment A (the Schedule); Attachment B (the Program Description); and Attachment C (the Standard Provisions); all of which have been agreed to by your organization."

2. Box 16 of the Notice of Grant/Assistance Award entitled "TOTAL FUNDING AGREEMENT" is deleted in its entirety and replaced with the following:

NRC	\$100,000.00
RECIPIENT	\$0.00
TOTAL	\$100,000.00

3. ATTACHMENT A – SCHEDULE in section A. GENERAL delete item number 3 in its entirety and replace with the following:

3. Cost-Sharing Amount: \$0.00

Base Period: July 23, 2012 – November 21, 2014 (unchanged)

Total Agreement Amount: \$100,000.00 (unchanged)

Total Obligated Amount: \$100,000.00 (unchanged)

All terms and conditions remain the same.