

## Grant and Cooperative Agreement

| ITEM NO.<br>(A) | ITEM OR SERVICE (Include Specifications and Special Instructions)<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | ESTIMATED COST    |               |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 |   |                 |             | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|                 | <p>CFDA Number: 77.009</p> <p>DUNS Number: 041943176</p> <p>NRC-HQ-60-15-G-0001</p> <p>The purpose of this modification is to provide an incremental funding in the amount of \$63,000.00 increasing the obligated amount from \$162,000.00 to \$225,000.00.</p> <p>All other terms and conditions remain the same.</p> <p>Accounting Info :<br/>2016-X0200-FEEBASED-60-60D002-11-6-213-1052-4110</p> <p>Payment:<br/>ASAP GRANT FUNDS REIMBURSEMENT SYS<br/>US TREASURY</p> <p>Period of Performance: 02/04/2015 to 02/03/2018</p> |                 |             |                   |               |

# Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

CHOOSE ONE: ☐ EDUCATION ☐ FACILITIES ☒ RESEARCH ☐ SDCR ☐ TRAINING

|  |                  |                               |              |   |  |                    |  |
|--|------------------|-------------------------------|--------------|---|--|--------------------|--|
| 1. GRANT/COOPERATIVE AGREEMENT NUMBER<br>NRC-HQ-60-15-G-0001   |                  | 2. SUPPLEMENT NUMBER<br>M0004 |              | 3. EFFECTIVE DATE<br>06/13/2016   |  | 4. COMPLETION DATE |  |
| 5. ISSUED TO<br>NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip)<br>A N S<br>555 N KENSINGTON AVE<br>LA GRANGE PARK IL 605265535   |                  |                               |              | 6. ISSUED BY U.S. NRC -- HQ<br>Mailing Address: Acquisition Management Division<br>Mail Stop: 3WFN-05-C64MP<br>Washington DC 20555-0001   |  |                    |  |
| 7. TAXPAYER IDENTIFICATION NO. (TIN)<br>38-2386176   |                  |                               |              | 9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone)<br>Dr. Robert Budnitz<br>Email: budnitz@pacbell.net, Phone: (979) 583-8130                                |  |                    |  |
| 8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.   |                  |                               |              |   |  |                    |  |
| 10. RESEARCH, PROJECT OR PROGRAM TITLE<br>Development of Voluntary Consensus Standards that Establish Safety and Risk Criteria and Met for Probabilistic Analysis, Risk Analysis, Risk Assessment, and Risk Management                 |                  |                               |              |   |  |                    |  |
| 11. PURPOSE<br>See Schedule  |                  |                               |              |   |  |                    |  |
| 12. PERIOD OF PERFORMANCE (Approximately)<br>02/04/2015 through 02/03/2018   |                  |                               |              |   |  |                    |  |
| 13A.   |                  | AWARD HISTORY                 |              | 13B.  |  | FUNDING HISTORY    |  |
| PREVIOUS   |                  | \$225,000.00                  |              | PREVIOUS  |  | \$162,000.00       |  |
| THIS ACTION  |                  | \$0.00                        |              | THIS ACTION   |  | \$63,000.00        |  |
| CASH SHARE   |                  | \$0.00                        |              | TOTAL   |  | \$225,000.00       |  |
| NON-CASH SHARE   |                  | \$0.00                        |              |   |  |                    |  |
| RECIPIENT SHARE  |                  | \$0.00                        |              |   |  |                    |  |
| TOTAL  |                  | \$225,000.00                  |              |   |  |                    |  |
| 14. ACCOUNTING AND APPROPRIATION DATA<br>See Schedule  |                  |                               |              |   |  |                    |  |
| PURCHASE REQUEST NO.   |                  | JOB ORDER NO.                 |              | AMOUNT  |  | STATUS             |  |
| RES-16-0412  |                  |                               |              |   |  |                    |  |
| 15. POINTS OF CONTACT  |                  |                               |              |   |  |                    |  |
|  | NAME             | MAIL STOP                     | TELEPHONE    | E-MAIL ADDRESS  |  |                    |  |
| TECHNICAL OFFICER  | SARAH B. SHAFFER |                               | 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:<br>PURSUANT TO SECTION 31B AND 141B OF THE ATOMIC ENERGY ACT OF 1954, AS AMENDED.   |                  |                               |              |   |  |                    |  |
| 17. APPLICABLE STATEMENT(S), IF CHECKED:<br><input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS<br><input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT |                  |                               |              | 18. APPLICABLE ENCLOSURE(S), IF CHECKED:<br><input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS<br><input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS |  |                    |  |
| UNITED STATES OF AMERICA   |                  |                               |              | COOPERATIVE AGREEMENT RECIPIENT   |  |                    |  |
| CONTRACTING/GRANT OFFICER<br>M'LITA R. CARR  |                  | DATE<br>06/13/2016            |              | AUTHORIZED REPRESENTATIVE   |  | DATE               |  |

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

JUN 21 2016

ADM002