

Grant and Cooperative Agreement

CHOOSE ONE:

- ☐ COOPERATIVE AGREEMENT
- ☒ GRANT

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

| | | | | | | | |
|--|------------------------|-------------------------------|-----------|---|-----------------------------|--------------------|--|
| 1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-HQ-12-G-38-0042 | | 2. SUPPLEMENT NUMBER M0001 | | 3. EFFECTIVE DATE 12/19/2013 | | 4. COMPLETION DATE | |
| 5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) UNIVERSITY OF TOLEDO, THE 3000 ARLINGTON AVE TOLEDO OH 436142595 | | | | 6. ISSUED BY U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: 3WFN-05-C64MP Washington DC 20555-0001 | | | |
| 7. TAXPAYER IDENTIFICATION NO. (TIN) | | | | 9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Dr. Changhu Chen Email: changhu.chen@utoledo.edu | | | |
| 8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO. | | | | | | | |
| 10. RESEARCH, PROJECT OR PROGRAM TITLE Joint initiative in a new type of nuclear detector through faculty development between the departments of Radiation Oncology and Physics and Astronomy. | | | | | | | |
| 11. PURPOSE See schedule | | | | | | | |
| 12. PERIOD OF PERFORMANCE (Approximately) 06/06/2012 through 06/05/2015 | | | | | | | |
| 13A. | | AWARD HISTORY | | 13B. | | FUNDING HISTORY | |
| PREVIOUS | | \$345,436.00 | | PREVIOUS | | \$345,436.00 | |
| THIS ACTION | | \$0.00 | | THIS ACTION | | \$0.00 | |
| CASH SHARE | | \$0.00 | | TOTAL | | \$345,436.00 | |
| NON-CASH SHARE | | \$0.00 | | | | | |
| RECIPIENT SHARE | | \$0.00 | | | | | |
| TOTAL | | \$345,436.00 | | | | | |
| 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 | NANCY V. HEBRON-ISREAL | | 3WFN3A12 | 301-287-0718 | Nancy.Hebron-Isreal@nrc.gov | | |
| NEGOTIATOR | | | | | | | |
| ADMINISTRATOR | GORDANA ZUBER | | | 301-287-0900 | gordana.zuber@nrc.gov | | |
| PAYMENTS | | | | | | | |
| 16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Persuant to Section 31b and 141b of the Atomic Energy Act of 1954, 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 | | | |
| UNITED STATES OF AMERICA | | | | COOPERATIVE AGREEMENT RECIPIENT | | | |
| CONTRACTING/GRANT OFFICER SHASHI MALHOTRA | | DATE 12/31/2013 | | AUTHORIZED REPRESENTATIVE | | DATE | |

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

JAN 08 2014

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) |
| | CFDA Number: 77.008 DUNS Number: 807418939 The purpose of this modification is to change the PI from Dr. Feldmeier to Dr. Changhu Chen. All other terms and conditions remain the same. Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY Period of Performance: 06/06/2012 to 06/05/2015 | | | | |