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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. 0243 | 3. EFFECTIVE DATE See Block 16C | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| 6. ISSUED BY Princeton Site Office U.S. Department of Energy Princeton Site Office P.O. Box 102 Princeton NJ 08542 | CODE 06009 | 7. ADMINISTERED BY (If other than Item 6) Princeton Site Office U.S. Department of Energy Princeton Site Office P.O. Box 102 Princeton NJ 08542 | CODE 06009 |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TRUSTEES OF PRINCETON UNIVERSITY, THE Attn: DAVID J. MCCOMAS P.O. BOX 36 PRINCETON NJ 08544 | | (x) | 9A. AMENDMENT OF SOLICITATION NO. |
| CODE 002484665 | | | 9B. DATED (SEE ITEM 11) |
| FACILITY CODE | | x | 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC02-09CH11466 |
| | | | 10B. DATED (SEE ITEM 13) 01/28/2009 |

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

| | |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| X | D. OTHER (Specify type of modification and authority) Unilateral Modification IAW Clause H.17(g) |

E. IMPORTANT: Contractor is not. is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Tax ID Number: 21-0634501

DUNS Number: 002484665

TAS::89 0222::TAS

The purpose of this modification is to update Appendix I. See page 2 for details. The amount presently obligated by the Government under this contract remains \$740,643,728.23.

Payment:

Payment - Direct Payment

from U.S. Dept of Treasury

Period of Performance: 01/31/2009 to 03/31/2019

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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|---|------------------|--|--------------------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Joshua J. Hammill | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA Signature on File (Signature of Contracting Officer) | 16C. DATE SIGNED 11/18/2016 |

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|---------------------------|---|---------------|---|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE OF PAGES | |
| | DE-AC02-09CH11466/0243 | 2 | 2 |

NAME OF OFFEROR OR CONTRACTOR

The Trustees of Princeton University

14. Description of Amendment/Modification (continued):

- a. The following attachment is revised in PART III, LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS, SECTION J – LIST OF ATTACHMENTS, and the applicable TABLE OF CONTENTS modified:

ATTACHMENT J.9 – APPENDIX I – DOE DIRECTIVES/LIST B, the following is a summary of changes:

| <u>Action</u> | <u>Directive</u> | <u>Title / Date / Purpose</u> |
|---------------|--------------------|--|
| Add: | O 151.1D | Comprehensive Emergency Management System, dated 09/11/16. |
| Remove: | O 151.1C | Comprehensive Emergency Management System, dated 11/02/05. |
| Add: | O 420.2C | Safety of Accelerator Facilities, dated 07/21/11. |
| Add: | G 420.2-1A | Accelerator Facility Safety Implementation Guide for DOE O 420.2C, Safety of Accelerator Facilities, dated 08/01/14. |
| Add: | O 474.2 Chg. 4 | Nuclear Material Control and Accountability, dated 09/13/16. |
| Remove: | O 474.2 Chg. 3 | Nuclear Material Control and Accountability, dated 05/15/15 |
| Add: | O 221.1B | Reporting Fraud, Waste, and Abuse to the Office of Inspector General, dated 09/27/16. |
| Remove: | O 221.1A | Reporting Fraud, Waste, and Abuse to the Office of Inspector General, dated 04/19/08. |
| Add: | O 241.1B Chg. 1 | Scientific and Technical Information Management, dated 04/26/16 |
| Remove: | O 241.1B | Scientific and Technical Information Management, dated 12/13/10 |
| Add: | O551.1D Chg. 2 | Official Foreign Travel, dated 08/09/16. |
| Remove: | O551.1D Chg. 1 | Official Foreign Travel, dated 08/13/15. |

- b. All other terms and conditions remain unchanged.