

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0160	3. EFFECTIVE DATE 07/02/2014	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: JEFFREY FRIEDLAND NEW SOUTH BUILDING ORPA, P.O. BOX 36 PRINCETON NJ 085442020		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 002484665 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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 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

See page 2 ("0160 - SF30 p 2.pdf") incorporated by attachment to this modification. The amount presently obligated by the Government under this contract remains \$488,914,667.06.

Payment:

Payment - Direct Payment

from U.S. Dept of Treasury

Period of Performance: 01/31/2009 to 03/31/2018

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.

15A. NAME AND TITLE OF SIGNER (Type or print) AJ Stewart Smith, VP for PPPL	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Kim E. Tafe
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 7-1-2014
15D. UNITED STATES OF AMERICA	16C. DATE SIGNED 7/2/2014
(Signature of person authorized to sign)	(Signature of Contracting Officer)

NAME OF OFFEROR OR CONTRACTOR
 The Trustees of Princeton University

14. Description of Amendment/Modification (continued):

- a. The following clauses will be revised or inserted in PART II, SECTION I, CONTRACT CLAUSES, and applicable TABLE OF CONTENTS modified:

CLAUSE I.15 – FAR 52.208-8 REQUIRED SOURCES FOR HELIUM AND HELIUM USAGE DATA (APR 2014), replaces CLAUSE I.15 – FAR 52.208-8 REQUIRED SOURCES FOR HELIUM AND HELIUM USAGE DATA (APR 2002).

CLAUSE I.16A – FAR 52.210-1 MARKET RESEARCH (APR 2011), renumbered in the prime contract to CLAUSE I.16B.

CLAUSE I.16A – FAR 52.209-10 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (MAY 2012), added to the prime contract.

CLAUSE I.33 – FAR 52.222-19 CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (MAR 2012), removed from the prime contract.

CLAUSE I.65A – FAR 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013), replaces CLAUSE I.65A – FAR 52.232-99 PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS (DEVIATION) (AUG 2012).

CLAUSE I.75 – FAR 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (DEC 2013), replaces CLAUSE I.75 – FAR 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (JUL 2013).

- b. 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,

<u>Action</u>	<u>Directive</u>	<u>Title / Date / Purpose</u>
Add:	O 150.1A	Continuity Program , dated 03/31/14 and added to the PPPL Prime Contract.
Remove:	O 150.1	Continuity Program , dated 05/08/08, cancelled by DOE O 150.1A and removed from the PPPL Prime Contract.
Add:	O 232.2 Chg. 1	Occurrence Reporting and Processing of Operations Information , dated 08/30/11, Chg. 1 dated 03/12/14 and added to the PPPL Prime Contract.

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

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NAME OF OFFEROR OR CONTRACTOR

The Trustees of Princeton University

<u>Action</u>	<u>Directive</u>	<u>Title / Date / Purpose</u>
Add:	O 414.1D Chg. 1	Quality Assurance , dated 04/25/11, Chg. 1 dated 05/08/13 and added to PPPL Prime Contract.
Add:	DOE Std. 1090-2011	Hoisting and Rigging Standard , dated 09/2011 and added to the PPPL Prime Contract.
Remove:	DOE Std. 1090-2007	Hoisting and Rigging Standard , dated 08/2008, cancelled by DOE Std. 1090-2011 and removed from the PPPL Prime Contract.
Add:	O 142.2A Chg. 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency , dated 12/15/06, Chg. 1 dated 06/27/13 and added to the PPPL Prime Contract.
Add:	O 472.2 Chg. 1	Personnel Security , dated 07/27/11, Chg. 1 dated 10/18/13 and added to the PPPL Prime Contract.
Add:	O 410.2 Chg. 1	Management of Nuclear Materials , dated 08/17/09, Chg. 1 dated 04/10/14 and added to the PPPL Prime Contract.
Add:	O 252.1A Chg. 1	Technical Standards Program , dated 02/23/11, Chg. 1 dated 03/12/13 and added to the PPPL Prime Contract.
Add:	O 483.1A	DOE Cooperative Research and Development Agreements , dated 11/06/13 and added to the PPPL Prime Contract.
Remove:	O 483.1 Chg. 1	DOE Cooperative Research and Development Agreements , dated 09/18/13, cancelled by DOE O 483.1A and removed from the PPPL Prime Contract.

c. All other terms and conditions remain unchanged.