

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES	
						1      8	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
1291		See Block 16C					
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
		892430				06008	
SC Chicago Service Center Office of Science - Chicago U.S. Department of Energy 9800 South Cass Avenue Lemont IL 60439				Berkeley Site Office U.S. Department of Energy One Cyclotron Rd., MS90-1023 Berkeley CA 94720			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Attn: LOURDES DEMATTOS 1111 FRANKLIN ST 11TH FL OAKLAND CA 946075201				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC02-05CH11231			
CODE		FACILITY CODE		10B. DATED (SEE ITEM 13)			
PKK5TD16N				04/19/2005			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
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 data, 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: Bilateral FAR 43.102 (a) Mutual Agreement of the Parties						
	D. OTHER (Specify type of modification and authority)						
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: PKK5TD16N							
UEI: PKK5TD16N4H1							
The purpose of this modification is to modify Section H - CONTRACT CLAUSES, Section I - CONTRACT CLAUSES, and Section J, Appendix I - DOE DIRECTIVES/LIST B.							
All other terms and conditions remain the same. End of modification.							
THIS IS A PERFORMANCE-BASED MANAGEMENT CONTRACT (P BMC) IS FOR THE MANAGEMENT AND OPERATION OF THE ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY (LBNL). THE CONTRACTOR SHALL IN ACCORDANCE WITH THE PROVISIONS OF THIS CONTRACT ACCOMPLISH THE MISSIONS AND PROGRAMS							
Continued ...							
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)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Jacolyn Lanel Byrd			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED DE-AC02-05CH11231/1291	PAGE	OF
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NAME OF OFFEROR OR CONTRACTOR  
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>ASSIGNED BY THE U.S. DEPARTMENT OF ENERGY (DOE) AND MANAGE AND OPERATE THE LABORATORY. THE LABORATORY IS ONE OF THE DOE'S OFFICE OF SCIENCE (SC) MULTI-PROGRAM LABORATORIES. THE LABORATORY IS A FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER (FFRDC) ESTABLISHED IN ACCORDANCE WITH THE FEDERAL ACQUISITION REGULATION (FAR) PART 35 AND OPERATED UNDER THIS MANAGEMENT AND OPERATING (M&amp;O) CONTRACT AS DEFINED IN FAR 17.6 AND DEAR 917.6.</p> <p>Payment:</p> <p>    Payment - Direct Payment</p> <p>    from U.S. Dept of Treasury</p> <p>Period of Performance: 06/01/2005 to 05/31/2025</p>				

Block 14 "DESCRIPTION OF AMENDMENT/MODIFICATION," continued:

The purpose of this modification is to modify Section H – CONTRACT CLAUSES, Section I – CONTRACT CLAUSES, and Section J, Appendix I – DOE DIRECTIVES/LIST B.

Below is a summary of the contract updates:

## **1. Section H – CONTRACT CLAUSES**

- a. Current title and date: H.12 - IMPLEMENTATION OF CLAUSE DEAR 952.204-2 - SECURITY

Is amended to read: H.12 - IMPLEMENTATION OF CLAUSE DEAR 952.204-2 - SECURITY REQUIREMENTS (see H.12 Redline Version for Changes)

- b. H.14 - STANDARDS OF CONTRACTOR PERFORMANCE EVALUATION (see H.14 Redline Version for Changes)

**The following Clause has been Added:**

- a. H.54 - IMPLEMENTATION OF THE FRAMEWORK FOR NUCLEIC ACID SYNTHESIS SCREENING (NOV 2024)

## **2. Section I – CONTRACT CLAUSES**

**The following Clauses have been Updated:**

- a. **Current language:** I.051 - FAR 52.223-2 AFFIRMATIVE PROCUREMENT REPORTING OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS (SEP 2013) (PREV. I.132)

**Is Amended to read:** I.51 - FAR 52.223-2 REPORTING OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS (MAY 2024) (PREV. I.132) (See I.51 Redline Version for Changes.)

- b. **Current language:** I.053 - FAR 52.223-5 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (MAY 2011) ALTERNATE I (MAY 2011) (PREV. I.29)

**Is Amended to read:** I.053 - FAR 52.223-5 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (MAY 2024) (PREV. I.29) (See I.53 Redline Version for Changes.)

- c. **Current language:** I.055 - FAR 52.223-10 WASTE REDUCTION PROGRAM (MAY 2011) (PREV. I.29C)

**Is Amended to read:** I.055 - FAR 52.223-10 WASTE REDUCTION PROGRAM (MAY 2024) (PREV. I.29C) (See I.55 Redline Version for Changes.)

- d. **Current language:** I.056 - FAR 52.223-11 OZONE-DEPLETING SUBSTANCES AND HIGH GLOBAL WARMING POTENTIAL HYDROFLUOROCARBONS (JUN 2016) (PREV. I.29D)

**Is Amended to read:** I.056 - FAR 52.223-11 OZONE-DEPLETING SUBSTANCES AND HIGH GLOBAL WARMING POTENTIAL HYDROFLUOROCARBONS (MAY 2024) (PREV. I.29D) (See I.56 Redline Version for Changes.)

- e. **Current language:** I.057 - FAR 52.223-12 MAINTENANCE, SERVICE, REPAIR, OR DISPOSAL OF REFRIGERATION EQUIPMENT AND AIR CONDITIONERS (JUN 2016) (PREV. I.30)

**Is Amended to read:** I.057 - FAR 52.223-12 MAINTENANCE, SERVICE, REPAIR, OR DISPOSAL OF REFRIGERATION EQUIPMENT AND AIR CONDITIONERS (MAY 2024) (PREV. I.30) (See I.57 Redline Version for Changes.)

- f. **Current language:** I.065 - FAR 52.223-20 AEROSOLS (JUN 2016) (PREV. I.161)

**Is Amended to read:** I.065 - FAR 52.223-20 AEROSOLS (MAY 2024) (PREV. I.161) (See I.65 Redline Version for Changes.)

- g. **Current language:** I.066 - FAR 52.223-21 FOAMS (JUN 2016) (PREV. I.162)

**Is Amended to read:** I.066 - FAR 52.223-21 FOAMS (MAY 2024) (PREV. I.162) (See I.66 Redline Version for Changes.)

- h. **Current language:** I.090 - FAR 52.244-5 COMPETITION IN SUBCONTRACTING (DEC 1996) (PREV. I.49)

**Is Amended to read:** I.090 - FAR 52.244-5 COMPETITION IN SUBCONTRACTING (AUG 2024) (PREV. I.49) (See I.90 Redline Version for Changes.)

- i. **Current language:** I.091A - FAR 52.246-26 REPORTING NONCONFORMING ITEMS (NOV 2021)

**Is Amended to read:** I.091A - FAR 52.246-26 REPORTING NONCONFORMING ITEMS (AUG 2024) (See I.91A Redline Version for Changes.)

- j. I.092 - FAR 52.247-1 COMMERCIAL BILL OF LADING NOTATIONS (FEB 2006) (PREV. I.51) is updated. (See I.92 Redline Version for Changes.)
- k. I.106 - DEAR 952.204-72 DISCLOSURE OF INFORMATION (APR 1994) (PREV. I.63) is updated. (See I.106 Redline Version for Changes.)
- l. I.126 - DEAR 970.5215-1 TOTAL AVAILABLE FEE: BASE FEE AMOUNT AND PERFORMANCE FEE AMOUNT (DEC 2000) (ALTERNATES II AND IV) (DEC 2000) (PREV. I.82) is updated. (See I.126 Redline Version for Changes.)
- m. **Current language:** I.138 - DEAR 970.5227-3 TECHNOLOGY TRANSFER MISSION (AUG 2002) (DEVIATION AL 2022-01) (PREV. I.92)  
  
**Is Amended to read:** I.138 - DEAR 970.5227-3 TECHNOLOGY TRANSFER MISSION (AUG 2019) (DEVIATION AL 2022-01) (PREV. I.92) (See I.138 Redline Version for Changes.)
- n. I.150 - DEAR 970.5232-4 OBLIGATION OF FUNDS (DEC 2000) (PREV. I.104) is updated. (See I.150 Redline Version for Changes.)

**The following Clauses have been Added:**

- a. I.66B - FAR 52.223–23 SUSTAINABLE PRODUCTS AND SERVICES (MAY 2024)
- b. I.074A - FAR 52.226-8 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (MAY 2024)

**The following Clauses have been Removed:**

- a. I.014 - FAR 52.204-4 PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER (MAY 2011) (PREV. I.9)
- b. I.037 - FAR 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (SEP 2023) (PREV. I.131)
- c. I.058 - FAR 52.223-13 ACQUISITION OF EPEAT®-REGISTERED IMAGING EQUIPMENT (JUN 2014) (PREV. I.156)

- d. I.059 - FAR 52.223-14 ACQUISITION OF EPEAT®-REGISTERED TELEVISIONS (JUN 2014) (PREV. I.157)
- e. I.060 - FAR 52.223-15 ENERGY EFFICIENCY IN ENERGY-CONSUMING PRODUCTS (MAY 2020) (PREV. I.122)
- f. I.061 - FAR 52.223-16 ACQUISITION OF EPEAT® -REGISTERED PERSONAL COMPUTER PRODUCTS (OCT 2015) (PREV. I.123)
- g. I.062 - FAR 52.223-17 AFFIRMATIVE PROCUREMENT OF EPA-DESIGNATED ITEMS IN SERVICE AND CONSTRUCTION CONTRACTS (AUG 2018) (PREV. I.133)
- h. I.063 - FAR 52.223-18 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (JUN 2020) (PREV. I.148)
- i. I.066A - FAR 52.223-99 ENSURING ADEQUATE COVID-19 SAFETY PROTOCOLS FOR FEDERAL CONTRACTORS (OCT 2021) (DEVIATION)

### 3. Section J, Appendix I – DOE DIRECTIVES/LIST B

The following updates to DOE Order are accepted into Section J, Appendix I:

- a. **Current DOE Order:** DOE O 205.1C Chg 1 (LtdChg) DEPARTMENT OF ENERGY CYBERSECURITY PROGRAM, Implementation Plan: No, Contractor Requirements Document (All)  
**Updated DOE Order:** DOE O 205.1D, DEPARTMENT OF ENERGY CYBERSECURITY PROGRAM, Implementation Plan: No, Contractor Requirements Document (All)
- b. **Current DOE Order:** DOE O 206.2 Chg 1 (LtdChg), IDENTITY, CREDENTIAL, AND ACCESS MANAGEMENT (ICAM), Implementation Plan: Yes, Full Implementation by 9/30/2032, Contractor Requirements Document (All) - CRD implementation in accordance with the Office of Science HSPD-12 Implementation Plan Guidance  
**Updated DOE Order:** DOE O 206.2 Chg 2 (LtdChg), IDENTITY, CREDENTIAL, AND ACCESS MANAGEMENT (ICAM), Implementation Plan: Yes, Full implementation by 9/30/2032, Contractor Requirements Document (All) - CRD implementation in accordance with the Office of Science HSPD-12 Implementation Plan Guidance
- c. **Current DOE Order:** DOE O 241.1B Chg 1 (AdminChg), SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT, Implementation Plan: No, Contractor Requirements Document (All)

**Updated DOE Order:** DOE O 241.1C, SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT, Implementation Plan: No, Contractor Requirements Document (All)

- d. **Current DOE Order:** DOE O 252.1A Chg 1 Admin Chg 1, TECHNICAL STANDARDS PROGRAM, Implementation Plan: No, Contractor Requirements Document (All)

**Updated DOE Order:** DOE O 252.1A Chg 2 (AdminChg), TECHNICAL STANDARDS PROGRAM, Implementation Plan: No, Contractor Requirements Document (All)

- e. **Current DOE Order:** DOE O 472.2A, PERSONNEL SECURITY, Implementation Plan: No, Contractor Requirements Document (All)  
**Updated DOE Order:** DOE O 472.2A Chg 1 (LtdChg), PERSONNEL SECURITY, Implementation Plan: Yes, Full Implementation by: 9/30/2032, Contractor Requirements Document (All) - CRD implementation in accordance with the Office of Science HSPD-12 Implementation Plan Guidance

- f. **Current DOE Order:** DOE O 483.1B Chg 2 (LtdChg), DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS, Implementation Plan: No, Contractor Requirements Document (All)

**Updated DOE Order:** DOE O 483.1B Chg 3 (MinChg), DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS, Implementation Plan: No, Contractor Requirements Document (All)

- g. **Current DOE Order:** DOE O 484.1 Chg 3 (LtdChg), REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY, Implementation Plan: No, Contractor Requirements Document (All)

**Updated DOE Order:** DOE O 484.1 Chg 4 (LtdChg), REIMBURSABLE WORK FOR THE DEPARTMENT OF HOMELAND SECURITY, Implementation Plan: No, Contractor Requirements Document (All)

- h. **Current DOE Order:** DOE O 522.1A, PRICING OF DEPARTMENTAL MATERIALS AND SERVICES, Implementation Plan: No, Contractor Requirements Document (All) In accordance with DOE Order 522.1A, (Contractor Requirements Document), Pricing of Departmental Materials and Services, the prohibition for depreciation and imputed interest charges to non-DOE entities is applicable to DOE owned assets and does not apply to University owned assets deployed for performance of work under this contract.

**Updated DOE Order:** DOE O 522.1A Chg 1 (LtdChg), PRICING OF DEPARTMENTAL MATERIALS AND SERVICES, Implementation Plan: No, Contractor Requirements Document (All) In accordance with DOE Order 522.1A, (Contractor Requirements Document), Pricing of Departmental Materials and Services, the prohibition for depreciation and imputed interest

charges to non-DOE entities is applicable to DOE owned assets and does not apply to University owned assets deployed for performance of work under this contract.

The following DOE Orders have revised implementation plan dates:

- a. DOE O 243.1C, RECORDS MANAGEMENT PROGRAM, from current IP date of 9/1/2024, to new IP date 6/30/2025
- b. DOE O 473.1A, PHYSICAL PROTECTION PROGRAM. from current IP date of 5/1/2025 to 9/30/2032

The following new DOE Order is accepted into Section J, Appendix I:

- a. DOE O 144.1A, DEPARTMENT OF ENERGY (DOE) REQUIREMENTS FOR CONSULTATION AND ENGAGEMENT WITH FEDERALLY RECOGNIZED INDIAN TRIBES AND ALASKA NATIVE CLAIMS SETTLEMENT ACT CORPORATIONS PURSUANT TO DOE POLICY 144.1, Implementation Plan: Yes, Full implementation by 2/1/2026, Contractor Requirements Document (All)

- 4. Attached to this modification is a conformed copy of Section H, Section I, and Section J Appendix I implementing the above changes.**
- 5. All other terms and conditions remain unchanged.**