The purpose of this modification is to modify Section I Contract Clauses; Section J - List of Attachments - Appendix H, Small Business Subcontracting Plan; and Appendix I, DOE Directives/List B.

This is a performance-based management contract (PBMC) 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 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

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

13A. NAME AND TITLE OF SIGNER (Type or print)

Jacolyn Lanel Byrd

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 I Contract Clauses; Section J - List of Attachments - Appendix H, Small Business Subcontracting Plan; and Appendix I, DOE Directives/List B.

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

15A. NAME AND TITLE OF SIGNER (Type or print)

Jacolyn Lanel Byrd

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15D. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Signature of person authorized to sign

Signature of Contracting Officer

Previous edition unusable

STANDARD FORM 30 (REV. 11/2016)

Prescribed by GSA FAR (48 CFR) 53.243
<table>
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<th>UNIT PRICE</th>
<th>AMOUNT</th>
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<td>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. Payment: Payment - Direct Payment from U.S. Dept of Treasury Period of Performance: 06/01/2005 to 05/31/2025</td>
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Block 14 “DESCRIPTION OF AMENDMENT/MODIFICATION,” continued:

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

Below is a summary of the contract updates:

1. **Section I – Contract Clauses**

   a. **Current title and date:** I.34 - FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2022) (PREV. I.15)
      **Is amended to read:** I.34 - FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (SEP 2023) (PREV. I.15)

   b. **Current title and date:** I.35 - FAR 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (OCT 2022) (PREV. I.16)
      **Is amended to read:** I.35 - FAR 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (SEP 2023) (PREV. I.16)

   c. **Current title and date:** I.37 - FAR 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (OCT 2022)
      **Is amended to read:** I.37 - FAR 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (SEP 2023) (PREV. I.131)

   d. **Current title and date:** I.42 - FAR 52.222-19 CHILD LABOR- COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2022) (PREV. I.167)
      **Is amended to read:** I.42 - FAR 52.222-19 CHILD LABOR- COOPERATION WITH AUTHORITIES AND REMEDIES (NOV 2023) (PREV. I.167)

   e. **Current title and date:** I.50 - FAR 52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (NOV 2021) (PREV. I.127)
      **Is amended to read:** I.50 - FAR 52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (MAY 2022) (PREV. I.127)

   f. **Current title and date:** I.82 - FAR 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (NOV 2021)
      **Is amended to read:** I.82 - FAR 52.232-40 PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (MAR 2023) (PREV. I.154)
g. **Current title and date:** I.87A - FAR 52.242-3 PENALTIES FOR UNALLOWABLE COSTS (SEP 2021) (PF 2022-23 DEVIATION)
   **Is amended to read:** I.87A - FAR 52.242-3 PENALTIES FOR UNALLOWABLE COSTS (DEC 2022) (PF 2022-23 DEVIATION)

h. **Current title and date:** I.104 - DEAR 952.204-2 SECURITY (OCT 2013) (DEVIATION PF 2014-09)
   **Is amended to read:** I.104 - DEAR 952.204-2 SECURITY REQUIREMENTS (AUG 2016) (DEVIATION PF 2014-09)

The following Clauses have changes in their titles only (these are updates for consistency in naming convention):

a. **Current title and date:** I.137 - DEAR 970.5227-2 RIGHTS IN DATA -- TECHNOLOGY TRANSFER (DEC 2000) (DEVIATION) (PREV. I.91)
   **Is amended to read:** I.137 - DEAR 970.5227-2 RIGHTS IN DATA -- TECHNOLOGY TRANSFER (DEC 2000) (DEVIATION AL 2021-04) (PREV. I.91)

b. **Current title and date:** I.139 - DEAR 970.5227-4 AUTHORIZATION AND CONSENT (AUG 2002) (DEVIATION) (PREV. I.93)
   **Is amended to read:** I.139 - DEAR 970.5227-4 AUTHORIZATION AND CONSENT (AUG 2002) (DEVIATION AL 2021-04) (PREV. I.93)

c. **Current title and date:** I.140 - DEAR 970.5227-5 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (DEC 2000) (DEVIATION) (PREV. I.94)
   **Is amended to read:** I.140 - DEAR 970.5227-5 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (DEC 2000) (DEVIATION AL 2021-04) (PREV. I.94)

See Section I – CONTRACT CLAUSES attached.

**Section J, Appendix H – SMALL BUSINESS SUBCONTRACTING PLAN**


**Section J, List of Attachments - Appendix I – DOE Directives/List B:**

a. **Current DOE Order:** DOE O 200.1A, Chg 1 (MinChg), Information Technology Management, Contractor Requirements Document (All)
   **Updated DOE Order:** DOE O 200.1A, Chg 2 (LtdChg), Information Technology Management, Contractor Requirements Document (All)
b. **Current DOE Order**: DOE O 413.3B Chg 6 (LtdChg), Program and Project Management for the Acquisition of Capital Assets, Contractor Requirements Document (All)

**Updated DOE Order**: DOE O 413.3B Chg 7 (LtdChg), Program and Project Management for the Acquisition of Capital Assets, Contractor Requirements Document (All)

See updated Appendix I – DOE DIRECTIVES/LIST B attached.

2. Attached to this modification is a conformed copy of Section I; Section J, Appendix H; and Section J, Appendix I implementing the above changes.

3. **All other terms and conditions remain unchanged.**