### AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1.</td>
<td>CONTRACT ID CODE</td>
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<td>2.</td>
<td>AMENDMENT/MODIFICATION NO.</td>
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<td>3.</td>
<td>EFFECTIVE DATE</td>
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<td>4.</td>
<td>REQUISITION/PURCHASE REQ. NO.</td>
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<td>5.</td>
<td>PROJECT NO. (If applicable)</td>
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<td>6.</td>
<td>ISSUED BY</td>
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<td>7.</td>
<td>ADMINISTERED BY (If other than Item 6)</td>
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<td>8.</td>
<td>NAME AND ADDRESS OF CONTRACTOR</td>
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<td>9.</td>
<td>AMENDMENT OF SOLICITATION NO.</td>
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<td>10.</td>
<td>MODIFICATION OF CONTRACT/ORDER NO.</td>
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<td>11.</td>
<td>THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</td>
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<td>12.</td>
<td>ACCOUNTING AND APPROPRIATION DATA (If required)</td>
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<td>13.</td>
<td>THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</td>
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<tr>
<td>14.</td>
<td>DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</td>
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<tr>
<td>15.</td>
<td>NAME AND TITLE OF SIGNER (Type or print)</td>
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<td>16.</td>
<td>NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</td>
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**DUNS Number:** PKK5TD16N  
**UEI:** PKK5TD16N4H1

The purpose of this modification is to revise Goals 2.0 and 3.0 in Section J, Appendix B, FY 2024 Performance Evaluation and Measurement Plan.

All other terms and conditions remain the same. End of modification.

Payment:
- Payment - Direct Payment
- from U.S. Dept of Treasury

Period of Performance: 06/01/2005 to 05/31/2025
Block 14 “DESCRIPTION OF AMENDMENT/MODIFICATION,” continued:

The purpose of this modification is to update Section J, Appendix B, FY 2024 PERFORMANCE EVALUATION AND MEASUREMENT PLAN.

Below is a summary of the contract updates:

A. DESCRIPTION OF MODIFICATION:

The purpose of this modification is to update Appendix B, Performance Evaluation and Measurement Plan Notable Outcomes.

1. Section J, Appendix B, FY 2024 PERFORMANCE EVALUATION AND MEASUREMENT PLAN

Current Language:

A. In Goal 2.0 Notable Outcomes:

Notable Outcomes

• BES/SUF: Effectively manage and safely execute the assigned LCLS-II-HE project scope in accordance with DOE Order 413.3B. Performance will be assessed based on the work planned and accomplished for the undulator systems during FY 2024. (Objective 2.1)

• BES/SUF: Effectively manage and execute the ALS-U project in accordance with DOE Order 413.3B to safely accomplish the planned work per the approved Performance Baseline. Performance will be assessed based on the work planned and accomplished during FY 2024. (Objective 2.2)

• FES: Conduct LaserNetUS experiments including proton source studies for radiation biology at the short focal length beamline at the BELLA petawatt laser. (Objective 2.3)

Is Amended to Read:

Notable Outcomes

• ASCR: In accordance with appropriated funding levels and schedule, stand up the High Performance Data Facility (HPDF) integrated project team to advance design and other project activities essential to preparing for Critical Decision 1. (Objective 2.1)

• BES/SUF: Effectively manage and safely execute the assigned LCLS-II-HE project scope in accordance with DOE Order 413.3B. Performance will be
assessed based on the work planned and accomplished for the undulator systems during FY 2024. (Objective 2.1)

- **BES/SUF**: Effectively manage and execute the ALS-U project in accordance with DOE Order 413.3B to safely accomplish the planned work per the approved Performance Baseline. Performance will be assessed based on the work planned and accomplished during FY 2024. (Objective 2.2)

- **FES**: Conduct LaserNetUS experiments including proton source studies for radiation biology at the short focal length beamline at the BELLA petawatt laser. (Objective 2.3)

**B. In Goal 3.0 Notable Outcomes:**

**Notable Outcomes**

- **ASCR**: Contribute to establishing the Integrated Research Infrastructure program, as measured by contributions to the FY 2024 IRI objectives and participation in the initial IRI program governance structure. (Objective 3.1)

- **BES/SUF**: Deliver a comprehensive, forward-looking out of cycle strategic plan for the ALS, reflecting budgetary considerations. (Objective 3.1)

- **BES/MSE**: Update the strategic plan for the research portfolio supported by BES-MSE. The plan should address staff and portfolio evolution, interaction between theory/computation and experiment, and programmatic prioritization, recognizing budgetary considerations. (Objective 3.1)

- **HEP**: Submit a strategic response to the 2023 P5 Report for the lab by August 31, 2024. Identify which new initiatives recommended by P5 that lab wishes to participate in and document the strengths the lab brings to those. Also identify existing efforts that will continue or strengthen. Identify efforts that will be reduced to enable this. (Objective 3.1)

**Is Amended to Read:**

**Notable Outcomes**

- **ASCR**: Contribute to establishing the Integrated Research Infrastructure program, as measured by contributions to the FY 2024 IRI objectives and participation in the initial IRI program governance structure. (Objective 3.1)

- **ASCR**: Ensure that all communications related to the HPDF Hub project, including the project and the Departmental cross-cut Integrated Research Infrastructure
program, are aligned with DOE/ASCR goals, strategies, and guidance. (Objective 3.3)

**ASCR:** Ensure that all communications related to Artificial Intelligence between LBNL and SC, DOE, vendors, the Administration and Congress are aligned with DOE/ASCR goals, strategies and guidance. (Objective 3.3)

- **BES/SUF:** Deliver a comprehensive, forward-looking out of cycle strategic plan for the ALS, reflecting budgetary considerations. (Objective 3.1)

- **BES/MSE:** Update the strategic plan for the research portfolio supported by BES-MSE. The plan should address staff and portfolio evolution, interaction between theory/computation and experiment, and programmatic prioritization, recognizing budgetary considerations. (Objective 3.1)

- **HEP:** Submit a strategic response to the 2023 P5 Report for the lab by August 31, 2024. Identify which new initiatives recommended by P5 that lab wishes to participate in and document the strengths the lab brings to those. Also identify existing efforts that will continue or strengthen. Identify efforts that will be reduced to enable this. (Objective 3.1)

2. **Attached to this modification is a conformed copy of Section J, Appendix B, FY 2024 PERFORMANCE EVALUATION AND MEASUREMENT PLAN implementing the above changes.**

All other terms and conditions remain unchanged.