



GENERAL PROVISIONS FOR TIME & MATERIAL SUBCONTRACTS

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CLAUSE 1 – DEFINITIONS

As used herein, the following terms shall have the indicated meanings:

- "CFR" means the U.S. Code of Federal Regulations.
- "DEAR" means the DOE Acquisition Regulation.
- "DOE" means the U. S. Department of Energy.
- "FAR" means the Federal Acquisition Regulation.
- "Government" means the United States Government.
- "LBNL" means the Lawrence Berkeley National Laboratory.
- "Subcontract" means the subcontract between the University and the Subcontractor which includes these General Provisions.
- "Subcontractor" means the party who has entered into the Subcontract with the University, as identified in the Subcontract.
- The lower case term "subcontractor" means the Subcontractor's subcontractor(s).
- "University" means The Regents of the University of California, acting through the LBNL.

CLAUSE 2 – SCOPE OF SUBCONTRACT

The scope of the Subcontract shall be limited to the acquisition of supplies and services on a time and material basis, which may include research, development, or demonstration work.

The Subcontract is entered into under the University's Prime Contract No. DE-AC02-05CH11231 with DOE for management and operation of LBNL and performance of research and related work.

CLAUSE 3 – ACCEPTANCE OF SUBCONTRACT

The Subcontractor's written acceptance of this Subcontract or the performance of any portion of this Subcontract shall constitute the Subcontractor's unqualified acceptance of this Subcontract and all of the Subcontract's terms and conditions. Any alterations made to the documents comprising this Subcontract or any conditions imposed by the Subcontractor upon its written acceptance of this Subcontract are not accepted, shall constitute a proposal for modification of the Subcontract only, and shall have no effect on the validity or the Subcontractor's acceptance of this Subcontract and its terms and conditions, anything to the contrary notwithstanding.

In the event the Subcontractor's business status indicated in the Subcontract or the Subcontractor's proposal is not accurate and current, in accordance with applicable Federal laws, executive orders, and regulations, the University may cancel this Subcontract, without further obligation.

CLAUSE 4 – DOCUMENTS OF SUBCONTRACTOR

The provisions of any quotation or other documents of the Subcontractor referenced in or incorporated as a part of this Subcontract are referenced or incorporated only for the purpose of further describing the materials, supplies, or services and the price and/or the delivery thereof, and any terms and conditions contained in such referenced or incorporated documents shall not apply.

CLAUSE 5 – FORCED, CONVICT, AND INDENTURED LABOR

(a) By signing or accepting this subcontract, the Subcontractor hereby certifies that no foreign-made equipment, materials, or supplies furnished to the University pursuant to this subcontract will be produced in whole or in part by forced labor, convict labor, or indentured labor under penal sanction.

(b) Any Subcontractor subcontracting with the University who knew or should have known that the foreign-made equipment, materials, or supplies furnished to the University were produced in whole or in part by forced labor, convict labor, or indentured labor under penal sanction, when entering into a subcontract pursuant to the above, may have any or all of the following sanctions imposed:

(1) The subcontract under which the prohibited equipment, materials, or supplies were provided may be voided at the option of the University.

(2) The Subcontractor may be removed from consideration for University subcontracts for a period not to exceed 360 days.

CLAUSE 6 – PACKAGING INSTRUCTIONS

The Subcontractor shall suitably package the Items to prevent damage during handling and shipping. Any damage resulting from improper packaging, containerizing, or lack thereof shall be the liability of the Subcontractor, anything to the contrary notwithstanding. The Subcontractor shall indicate the University Subcontract number on each container or package. An itemized packing list shall be affixed to the outermost cover of each container or package.

The University encourages the use of biodegradable packaging materials. To assist in this endeavor, the Subcontractor is requested to use every reasonable effort to use biodegradable packaging materials for shipments to the University.

CLAUSE 7 – TITLE AND RISK OF LOSS

Unless otherwise provided in the Subcontract, title to items purchased under the Subcontract shall pass directly to the Government, and the risk of loss or damage to the items shall remain with the Subcontractor and shall pass to the University, upon completion of delivery and unloading at the delivery point.

However, if the Subcontract requires formal acceptance of any items by the University, then title to such Items shall pass directly to the Government upon such formal acceptance; and the title and risk of loss or damage to non-conforming Items shall remain with the Subcontractor until acceptance of the items by the University as conforming.

CLAUSE 8 – SHIPMENTS FOR UNIVERSITY'S ACCOUNT

Except as otherwise provided in the Subcontract, all shipments by the Subcontractor for the University's account shall be (1) shipped FOB Shipping Point and marked as shipped "For the U. S. Department of Energy;" (2) shipped at the maximum declared value for the lowest applicable transportation rate or classification, and the bill of lading shall so note; and (3) self-insured by the University and not insured by the Subcontractor. Airway bills shall be marked with the appropriate

"Government Package" entry. Shipping costs in excess of those per the "Shipping Instructions" specified on the face of this Subcontract shall be deducted from the Subcontractor's invoice(s).

CLAUSE 9 – TRAVEL

This Subcontract may include the estimated cost of round trip travel deemed necessary by the LBNL Technical Coordinator. Only actual travel costs will be paid, and any such costs must be paid in accordance with the Federal Travel Regulations and Berkeley Laboratory Travel policies, attached as needed. Any Foreign Travel (any travel outside of the United States and its territories and possessions) will require prior written approval by LBNL.

CLAUSE 10 – INVOICES

The Subcontractor shall submit its invoice at the time of final shipment or completion, unless otherwise provided in the Subcontract. All invoices shall comply with the invoice requirements specified in the Subcontract. Failure to comply with any of these requirements may result in a delay in payment of the invoices.

CLAUSE 11 – PAYMENT

Unless otherwise provided in the Subcontract, Subcontractor shall be paid within 30 days after receipt of the Subcontractor's properly submitted invoice, for Items delivered and accepted or services performed and accepted. Any offered discount shall be taken if payment is made within the discount period indicated by the Subcontractor. Payments may be made electronically or by check, at the option of the University, and shall be deemed to have been made as of the date the electronic payment was made or the check was mailed.

Information on electronic payments is available at:
http://www.lbl.gov/Workplace/CFO/co/ap/electronic_payments.html.

CLAUSE 12 – NOTIFICATIONS

(a) Subcontractor shall immediately notify the University Procurement Representative in writing of: (1) any action, including any proceeding before an administrative agency, filed against the Subcontractor arising out of the performance of this Subcontract; and (2) any claim made against the Subcontractor, the cost of which is reimbursable hereunder.

(b) Subcontractor agrees to notify the University of any government tax, fee, or charge levied or purported to be levied on or collected from the Subcontractor in connection with this Subcontract which the Subcontractor has reason to believe may be inapplicable or invalid, and which would be reimbursable or the University has claimed an exemption hereunder. Subcontractor also agrees to refrain from paying any such tax, fee, or charge, unless otherwise authorized by the University, and to take such steps as may be required by the University to cause such tax, fee, or charge to be paid under protest and, if so directed by the University, to cause to be assigned to the University or its designee any and all rights to the abatement or refund of any such tax, fee, or charge, and to permit the University or its designee to join with the Subcontractor in any proceedings for the recovery thereof or to sue for recovery in the Subcontractor's name.

(c) If, at any time during the performance of this Subcontract, the Subcontractor becomes aware of any circumstances which may jeopardize its performance of all or any portion of the Subcontract, it shall immediately notify the University Procurement Representative in writing of such circumstances, and the Subcontractor shall take whatever action is reasonably necessary to resolve such circumstances within the shortest possible time.

CLAUSE 13 – BANKRUPTCY

If the Subcontractor enters into any proceeding related to bankruptcy, it shall give written notice to the University Procurement Representative via certified mail within five days of initiation of the proceeding. The notification shall include the date on which the proceeding was filed, the identity and location of the court, and a listing of the LBNL purchase orders, subcontracts, or agreements affected.

CLAUSE 14 – COST ACCOUNTING STANDARDS LIABILITY

(Applicable to Subcontracts exceeding \$700,000)

The Subcontractor shall be liable to the Government for any increased costs or interest, and the University shall be entitled to an adjustment of the Subcontract costs, as appropriate, resulting from any failure of the Subcontractor or a lower-tier subcontractor to comply with the "Cost Accounting Standards" and "Administration of Cost Accounting

Standards" clauses, if applicable, or to consistently follow any cost accounting practice.

CLAUSE 15 – WORK ON UNIVERSITY OR GOVERNMENT PREMISES

(Applicable to Subcontracts involving Subcontractor's performance at University or Government-owned sites or facilities.)

(a) **Liens.** The Subcontractor agrees that, at any time upon the request of the University, it will submit a sworn statement setting forth the services performed or goods furnished by lower-tier subcontractors and the amount due and to become due to each, and that before the final payment called for hereunder, it will, if requested, submit to the University a complete set of vouchers showing what payments have been made for goods and labor used in connection with the work called for hereunder.

(b) **Indemnify, Defend and Hold Harmless.**

(1) The Subcontractor shall indemnify, defend and hold harmless the University and the Government from all claims, demands, causes of action, or suits, of whatever nature, arising out of the services, labor, and goods furnished by the Subcontractor or its lower-tier subcontractors under the subcontract, and from all laborers', material 's, and mechanics' liens upon the real property upon which the work is located or any other property of the University or the Government; and

(2) Promptly notify the University, in writing, of any such claims, demands, causes of action, or suits brought to its attention. The Subcontractor shall forward with such notification copies of all pertinent papers received by the Subcontractor with respect to any such claims, demands, causes of action, suits, or liens and, at the request of the University, shall do all things and execute and deliver all appropriate documents and assignments in favor of the University or the Government of all the Subcontractor's rights and claims growing out of such asserted claims as will enable the University and the Government to protect their respective interests by litigation or other means. The final payment shall not be made until the Subcontractor, if required, shall deliver to the University a complete release of all liens arising out of the subcontract or receipts in full in lieu thereof, as the University may require, and if required in either case, an affidavit that as far as it has knowledge or information, the receipts include all the labor and goods for which a lien could be filed; but the Subcontractor may, if any lower-tier subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the University to indemnify it against any claim by lien or other means. If any lien or claim remains unsatisfied after all payments are made, the Subcontractor shall refund to the University all moneys that the latter may be compelled to pay in discharging such lien or claim, including all costs and reasonable attorney's fees.

(c) **Clean Up.** The Subcontractor shall at all times keep University or Government premises and adjoining premises where the work is performed free from accumulations of waste material or rubbish caused by its work or the work of any of its lower-tier subcontractors; and shall remove all such waste material and rubbish at the completion of the work and shall leave the work area "broom clean" or its equivalent, unless more exactly specified. If the waste material and rubbish is not promptly removed as herein required, the University may remove the rubbish and charge the cost to the Subcontractor.

(d) **Employees.**

(1) The Subcontractor shall not employ for the work any unfit person or anyone not skilled in the work assigned to the person and shall devote only its best-qualified personnel to work under the subcontract. Should the University deem anyone employed on the work incompetent or unfit for duty and so inform the Subcontractor, the Subcontractor shall remove such person from the work under the subcontract, and that person shall not again, without written permission of the University, be assigned to work under the subcontract.

(2) It is understood that if employees of the University shall perform any acts for the purpose of discharging the responsibility undertaken by the Subcontractor hereunder, whether requested to perform such acts by the Subcontractor or not, such employees of the University while performing such acts shall be considered the agents and servants of the Subcontractor subject to the exclusive control of the Subcontractor.

(e) **Insurance.** The Subcontractor shall maintain with reputable companies insurance in amounts required under the subcontract sufficient to protect the University and the Government from any and all public liability and Workers' Compensation claims at all times during the performance of the subcontract. If requested, the Subcontractor shall supply the University with one copy of certificates of insurance covering

policies required hereunder and shall obtain satisfactory evidence of lower-tier subcontractors' compliance with these provisions before their participation in the work. In the absence of more specific direction from the University, the Subcontractor shall maintain additional insurance to the extent consistent with sound business practice.

(f) Environment, Safety, and Health.

(1) The Subcontractor shall take all reasonable precautions in the performance of the work under this Subcontract to protect the health and safety of employees and members of the public, to minimize danger from all hazards to life and property, and to prevent injury to any of its employees or other persons; and shall comply with all applicable environmental, safety, health, and fire protection regulations and requirements, including those of the University and DOE (including reporting requirements).

(2) The Subcontractor shall immediately take action to correct any noncompliance with the requirements of this clause. In the event that the Subcontractor fails to comply with said regulations or requirements of the University or the DOE, the University may, without prejudice to any other legal or contractual rights of the University, issue a stop-work order stopping all or any part of the work; thereafter, a start order for resumption of the work may be issued at the discretion of the University. The Subcontractor shall make no claim for an extension of time or for compensation or damages by reason of or in connection with such work stoppage.

CLAUSE 16 – TECHNICAL DIRECTION AND CHANGES

(a) Performance of the work under this Subcontract shall be subject to the technical direction of the University Technical Representative. The Subcontractor shall promptly proceed with the performance of technical direction of the nature prescribed by this article issued by the University Technical Representative.

(b) The term "technical direction" is defined to include directions to the Subcontractor within the Scope of Work of the Subcontract which: (1) clarify the desired work emphasis between work areas or tasks; (2) direct the pursuit of certain lines of inquiry; (3) assist in the interpretation of drawings, specifications, or technical portions of the work description; or (4) fill in details necessary to perform and complete the Scope of Work. All technical direction must be issued in writing by the University Technical Representative.

(c) The University Technical Representative is not authorized to issue any technical direction which would: (1) constitute an assignment of work outside the general scope of the work covered by this Subcontract; (2) change the description of the work to be performed or any applicable drawings, designs, and specifications; (3) change the time or place of performance; the method of shipment or packaging, or the place of inspection, delivery or acceptance; (4) increase the estimated cost for performance of the work, the fixed fee, or the time required for performance of the work; (5) change any expressed term or condition of the Subcontract; or (6) unreasonably interfere with the Subcontractor's ability to perform and complete the work.

Any such technical direction must first be authorized by a written change order to this Subcontract issued by the University Procurement Representative, as provided in the clause of these General Provisions entitled *Changes–Time-And-Materials or Labor-Hour Contracts*.

(d) If any instruction or direction by the University Technical Representative falls within one of the types described in Paragraph (c), above, the Subcontractor shall not proceed to act on such technical direction and shall promptly notify the University Procurement Representative.

Upon receipt of a notification from the Subcontractor, the University Procurement Representative shall promptly advise the Subcontractor either that, in accordance with the *Changes–Time-And-Materials or Labor-Hour Contracts* clause: (1) the technical direction is within the general scope of the Subcontract and does not constitute a change and to proceed to act on such technical direction; or (2) the technical direction is not within the general scope of the Subcontract or would constitute a change, and to act on such technical direction unless and until the University issues a written change order.

CLAUSE 17 – APPROVAL OF TECHNICAL DATA

(a) If this Subcontract requires the Subcontractor to furnish any drawings, specifications, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance or test data, or other technical data for approval by the University prior to Subcontractor performance, the approval of the data by the University shall not relieve the Subcontractor from responsibility for any errors or omissions in such

data or from responsibility for complying with the requirements of this Subcontract, except as specified below. Any work done prior to such approval shall be at the Subcontractor's risk.

(b) If the data includes any variations from the Subcontract requirements, the Subcontractor shall describe such variations in writing at the time of submission of the data. If the University approves any such variation(s), a change order to the Subcontract shall be issued by the University and, if appropriate, a bilateral modification to the Subcontract shall be negotiated.

CLAUSE 18 – QUALITY OF MATERIALS AND SUPPLIES

(a) Any materials and supplies furnished or used by the Subcontractor in performance of the work shall, as a minimum: (1) conform to the requirements of this Subcontract and be as warranted; (2) be new (not used or reconditioned) and not of such age or so deteriorated as to impair their usefulness or safety; and (3) not contain any counterfeit or suspect materials, parts, or components. The furnishing of reconditioned items must be specified in the Subcontract or approved by the University Procurement Representative, and shall be warranted the same as new items.

(b) The University will not accept any work involving the furnishing or use of any materials or supplies that do not meet these minimum requirements, notwithstanding any inspection or acceptance of delivery by the University, unless such condition is specifically approved in writing by the University Procurement Representative. The Subcontractor shall promptly replace such items with conforming items at its expense.

(c) The University may impound any suspect/counterfeit items furnished or used under this Subcontract and provide such items to the appropriate authorities for investigation. The University reserves the right to withhold payment for the suspect/counterfeit items pending the results of any such investigation.

(d) A suspect item is any material, part, or component that visual inspection, testing, or other information indicates may not conform to established Government or industry-accepted specifications or national consensus standards. A counterfeit item is a suspect item that is a copy or substitute made without legal right or authority or whose material, performance, or characteristics are misrepresented by the Subcontractor, supplier, distributor, or manufacturer. Types of known suspect or counterfeit items include, but are not limited to: fasteners, circuit breakers, valves, piping components, electrical devices, plate, bar, shapes, and channel members. Such items may be falsely labeled as a different class of part, or be used or refurbished parts that are falsely represented as new parts.

CLAUSE 19 – WARRANTY

The Subcontractor warrants that the supplies and services furnished under this Subcontract shall be: (1) free from defects in workmanship, material, and Subcontractor's design or engineering contributions; (2) of the most suitable grade and exactly as specified in the descriptions and specifications of this Subcontract and the affirmations and promises made by the Subcontractor in its proposal; and (3) merchantable and fit for the particular purpose, if any, described in the Subcontract. The Subcontractor further warrants that the data and documentation provided by the Subcontractor or its suppliers shall be complete and accurate, and may be relied upon by the University.

The Subcontractor shall correct all nonconformances with this warranty discovered within one year after formal acceptance or initial use of the supplies and services. Such corrective action shall be at the Subcontractor's expense, including any related transportation costs. The limited warranty period shall not apply in the case of latent defects, specific failure to comply with the terms of this Subcontract, or fraud or such gross mistakes as amount to fraud.

CLAUSE 20 – RELEASE OF INFORMATION

The Subcontractor agrees that information regarding this Subcontract, any data developed or obtained, and the name of the University, the Lawrence Berkeley National Laboratory, or the Government shall not be disclosed in any publications, news releases, advertising, speeches, technical papers, photographs, and other releases of information without prior written approval from the University Procurement Representative.

CLAUSE 21 – ASSIGNMENTS

(a) This Subcontract may be assigned by the University to the U.S. Government or a successor-in-interest for management and operation of LBNL.

(b) Except as to the assignment of payments due hereunder, the Subcontractor shall have no right, power, or authority to sell, mortgage, transfer, or assign this Subcontract, any portion hereof, any interest herein, or any claim hereunder, nor shall it allow or permit any other party or parties to have any interest in or use any part of the rights or obligations granted hereunder for any purpose whatsoever without the prior written consent of the University.

CLAUSE 22 – DISPUTES

(a) Except as otherwise provided in this Subcontract, any non-routine claim under this Subcontract not resolved in the ordinary course of business shall be referred in writing to the University Procurement Representative and the executive management of the Subcontractor with the authority to settle the dispute. The representatives of the parties, or their designees, shall then attempt in good faith to resolve the dispute by negotiations. All negotiations shall be confidential and shall be treated as compromise and settlement negotiations, for the purposes of application of rules of evidence. Pending resolution of the dispute, the Subcontractor shall proceed diligently with the performance of the Subcontract, in accordance with its terms and conditions.

(b) Any unresolved dispute with a value under \$100,000 relating to the Subcontract (whether contract, tort, or both), or the breach of the Subcontract shall be arbitrated by and in accordance with the then existing commercial arbitration rules of the American Arbitration Association (AAA). Judgment on the award rendered by the arbitrator may be entered in any court in Alameda County, CA having jurisdiction.

(c) The following modifications are made to the AAA rules: (1) the arbitrator shall be neutral and appointed by the AAA.; (2) the location for all arbitrations shall be in Alameda County; and (3) each party to the arbitration shall pay its pro rata share of the arbitrator's fees not including counsel fees or witness fees or other expenses incurred by a party for its own benefit.

(d) The parties shall consider the use of a form of alternate disputes resolution (ADR), including non-binding mediation and binding arbitration, for any unresolved dispute with a value of \$100,000 or more. In the event that ADR fails or is not used for such disputes, the parties may thereafter pursue any remedy they may have, at law or in equity, in a court of competent jurisdiction, in accordance with the GOVERNING LAW AND VENUE clause.

CLAUSE 23 – WORKER SAFETY AND HEALTH

(Applicable if the Subcontract involves performance at an LBNL site.)

The Subcontractor and its lower-tier subcontractors performing work at an LBNL site are subject to the DOE *Worker Safety and Health Program* regulation of Title 10, Part 851 of the U.S. Code of Federal Regulations (10 CFR 851), and shall perform the work in compliance with the *LBNL Health and Safety Manual*, available at <http://www.lbl.gov/ehs/pub3000/>, which implements the requirements of 10 CFR 851, and in compliance with their Cal/OSHA mandated Injury and Illness Prevention Plan (IIPP) or equivalent and all other LBNL safety procedures and policies communicated to the Subcontractor. The Subcontractor is responsible for ensuring that its lower tier subcontractors comply with these requirements. Violations of these requirements may subject the Subcontractor and its lower tier subcontractors to civil penalties.

The Subcontractor shall ensure that all workers requiring unescorted/unbadged access to an LBNL site complete the *General Employee Radiation Training* (GERT). A GERT booklet and the on-line training are available at <http://www.lbl.gov/ehs/training/>. The GERT booklet is also available at the Site Access Office in Building 65B.

CLAUSE 24 – INJURY REPORTING

(Applicable if the Subcontract involves performance by ten or more Subcontractor employees at LBNL sites.)

(a) Subcontractor shall report all injuries to Subcontractor's employees that qualify for inclusion on Subcontractor's Cal-OSHA log to the University within 10 days of occurrence of the injury. Subcontractor shall furnish a copy of its supplemental injury report form (OSHA form 101 or

equivalent) for each such case. This report shall be mailed to the LBNL SAAR Office, Health Services, MS 26-109. In addition, serious injuries resulting in death or hospitalization shall be reported by telephone immediately to the LBNL Health Services Receptionist, (510) 486-6266.

(b) Subcontractor shall report to the University the hours worked by Subcontractor's employees on the LBNL Site on a quarterly basis. For each quarter, the hours worked shall be reported in writing no later than the 10th day of the month following the end of the quarter. This report shall be mailed to the LBNL SAAR Office, Health Services, MS 26-109.

CLAUSE 25 – LAWS AND REGULATIONS

All delivered items and all services performed under this Subcontract shall be in compliance with all applicable laws, regulations, and orders, including but not limited to those relating to wages, hours, employment, discrimination, immigration, and safety (including worker safety and health), export control, and environmental protection.

CLAUSE 26 – GOVERNING LAW AND VENUE

This Subcontract shall be interpreted in accordance with the substantive and procedural laws of the State of California. Any action at law or judicial proceeding instituted by either party pertaining to the Subcontract shall be instituted in the State of California in the Superior Court of Alameda County (or in the Superior Court of Contra Costa County if the underlying action occurred at LBNL's JGI Site).

CLAUSE 27 – ENTIRE AGREEMENT AND ORDER OF PRECEDENCE

This Subcontract shall consist of the Subcontract document (including any signature page and schedule of articles), these General Provisions, and any other referenced or incorporated clauses, provisions, and documents, which is the entire agreement between the parties concerning the subject matter hereof and supersedes all prior proposals, representations, negotiations, or agreements, whether written or oral.

Any inconsistencies in the terms and conditions comprising the Subcontract shall be resolved by giving precedence in the following order: (a) the Subcontract document; (b) these General Provisions, including the FAR and DEAR clauses listed in the clause entitled *Clauses Incorporated by Reference*; (c) any specifications; (d) other documents listed in the Subcontract Article entitled *Incorporated Documents*, if any, in the order in which they are listed; and (e) any other referenced or incorporated clauses, provisions, and documents.

CLAUSE 28 – CLAUSES INCORPORATED BY REFERENCE

The FAR and DEAR clauses listed below, which are located in Chapters 1 and 9 of CFR Title 48 and available at <http://www.gpo.gov/fdsys/>, are hereby incorporated by reference as a part of these General Provisions, as prescribed below. The Subcontractor shall include the listed clauses in its subcontracts at any tier, to the extent applicable.

As used in the clauses, the term "contract" shall mean this Subcontract; the term "Contractor" shall mean the Subcontractor; the lower-case term "subcontractor" shall mean the Subcontractor's subcontractor; and the terms "Government" and "Contracting Officer" shall mean the University, except in FAR 52.227-1, 52.227-2, 52.227-3, 52.227-14, and 52.227-19, and DEAR 952.227-11, 952.227-13, 970.5227-4, and 970.5232-3, in which clauses "Government" shall mean the U. S. Government and "Contracting Officer" shall mean the DOE Contracting Officer for Prime Contract DE-AC02-05CH11231 with the University. As used in FAR 52.245-1, the terms "Government" and "Contracting Officer" shall mean the University, except with respect to title. As used in DEAR 952.227-9 and 970.5232-3, the term "DOE" shall mean DOE and the University.

THE FOLLOWING CLAUSES APPLY TO ALL SUBCONTRACTS:

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| DEAR 952.203-70 | WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 2000). Applies if the Subcontract involves any work at a DOE owned or leased facility. |
| DEAR 952.204-71 | SENSITIVE FOREIGN NATIONS CONTROLS (MAR 2011). Applies if any nuclear technology information will be made available to foreign nationals of sensitive foreign nations. See list of sensitive foreign nations at: www.lbl.gov/ufva . |
| DEAR 952.204-77 | COMPUTER SECURITY (AUG 2006). Applies if the Subcontractor has access to any computers owned, leased or operated by or on |

	behalf of LBNL or DOE.		Applies if any "data" will be produced, furnished, or acquired under the Subcontract.
DEAR 970.5208-1	PRINTING (DEC 2000). Applies if printing is specified under the Subcontract.		If delivery of Limited Rights Data is required, then ALTERNATE II shall apply, with the following disclosure purposes added to the end of paragraph (a) of the Limited Rights Notice:
FAR 52.211-17	DELIVERY OF EXCESS QUANTITIES (SEP 1989). Applies if the Subcontract is for supplies.		1. Use (except for manufacture) by support services contractors or subcontractors;
FAR 52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS (JAN 2011). Applies if the Subcontract involves any further subcontracting opportunities.		2. Evaluation by non-government evaluators;
FAR 52.222-21	PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)		3. Use (except for manufacture) by other contractors or subcontractors participating in the Government's program of which the specific subcontract is a part;
FAR 52.222-26	EQUAL OPPORTUNITY (MAR 2007) Note: Download the required EEO Poster at: http://www.dol.gov/ofccp/regs/compliance/poster/s/ofccpost.htm		4. Emergency repair or overhaul work; and
FAR 52.222-50	COMBATING TRAFFICKING IN PERSONS (FEB 2009)		5. Release to a foreign government, or its instrumentalities, if required to serve the interests of the U.S. Government, for information or evaluation or for emergency repair or overhaul work.
FAR 52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997), with ALTERNATE I (JUL 1995). Applies if the Subcontract involves the delivery or on-site use of any hazardous materials.		If delivery of Restricted Computer Software is required, then ALTERNATE III shall apply.
FAR 52.223-11	OZONE-DEPLETING SUBSTANCES (MAY 2001). Applies if the Subcontract involves the delivery or use of ozone-depleting substances or supplies that may contain or be manufactured with ozone depleting substances	FAR 52.227-19	COMMERCIAL COMPUTER SOFTWARE LICENSE (DEC 2007). Applies if the Subcontract involves the acquisition of commercial computer software.
FAR 52.223-12	REFRIGERATION EQUIPMENT AND AIR CONDITIONERS (MAY 1995). Applies if the Subcontract is for services involving the maintenance, repair, or disposal of any equipment or appliance using ozone-depleting substances, as a refrigerant, such as air conditioners (including motor vehicles), refrigerators, chillers, or freezers.	DEAR 952.227-82	RIGHTS TO PROPOSAL DATA (APR 1994). Applies if the awarded Subcontract is based upon a technical proposal.
FAR 52.223-15	ENERGY EFFICIENCY IN ENERGY-CONSUMING PRODUCTS (DEC 2007). Applies if the Subcontract involves furnishing, specifying the use of, or using at an LBNL Site any energy-consuming product listed in the ENERGY STAR® Program or DOE's Federal Energy Management Program (FEMP). For information on listed energy-consuming products see: http://www.energystar.gov/products and http://www1.eere.energy.gov/femp/technologies/eep_purchasingspecs.html .	DEAR 970.5232-3	ACCOUNTS, RECORDS, AND INSPECTION (DEC 2010), Paragraphs (a) through (h), excluding Paragraph (d). Applies If costs incurred are a factor in determining any payable amount. The records shall be retained for 3 years after final payment.
FAR 52.223-16	IEEE 1680 STANDARD FOR THE ENVIRONMENTAL ASSESSMENT OF PERSONAL COMPUTER PRODUCTS (DEC 2007). Applies if the Subcontract involves the furnishing or use at an LBNL Site of any personal computer products (as defined). Requires personal computer products that are EPEAT Bronze Registered or higher. For information about the standard, see http://www.epeat.net .	FAR 52.232-7	PAYMENTS UNDER TIME-AND-MATERIALS AND LABOR-HOUR CONTRACTS (FEB 2007). The first sentence of Paragraph (b)(4) and Paragraphs (h) and (i) shall not apply.
FAR 52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUN 2008)	FAR 52.236-7	PERMITS AND RESPONSIBILITIES (NOV 1991)
DEAR 952.227-9	REFUND OF ROYALTIES (FEB 1995). Applies if "royalties" are paid under the Subcontract by the Subcontractor, or a subcontractor at any tier.	FAR 52.242-15	STOP-WORK ORDER (AUG 1989)
FAR 52.227-14	RIGHTS IN DATA-GENERAL (DEC 2007), with ALTERNATE V and DEAR 927.409(d)(3), and substituting paragraph (a) with DEAR 927.409(a).	FAR 52.243-3	CHANGES – TIME-AND-MATERIALS OR LABOR-HOURS (SEP 2000)
		FAR 52.244-2	SUBCONTRACTS (OCT 2010), with ALTERNATE I (JUN 2007). Paragraph (d) insert regarding consent is: "Any subcontract or purchase order that: (1) is for work at an LBNL site; (2) exceeds \$150,000 and is for other than a "commercial item," as defined in FAR 2.101; or (3) provides for the reimbursement of costs."
		FAR 52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS (DEC 2010)
		FAR 52.245-1	GOVERNMENT PROPERTY (APR 2012), with ALTERNATE I (APR 2012)
		FAR 52.246-1	CONTRACTOR INSPECTION REQUIREMENTS (APR 1984)
		FAR 52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS (JUN 2003). Applies if the Subcontract involves international air transportation.
		FAR 52.247-64	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (FEB 2006). Applies if the Subcontract involves ocean transportation of supplies other than "commercial items", except as described in

Paragraph (e)(4) of the clause.
DEAR 952.247-70 FOREIGN TRAVEL (JUN 2010)
FAR 52.249-6 TERMINATION (COST REIMBURSEMENT)
(MAY 2004), with ALTERNATE IV (SEP 1996)
FAR 52.249-14 EXCUSABLE DELAYS (APR 1984)

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT EXCEEDS \$2,500:

FAR 52.222-41 SERVICE CONTRACT ACT OF 1965, AS AMENDED (NOV 2007). Applies if the Subcontract is principally for the furnishing of services through the use of "service employees", unless the Subcontract qualifies for an exemption.
FAR 52.222-43 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT-PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS) (SEP 2009). Applies if FAR clause 52.222-41 is applicable and the Subcontract is for multiple years or has an option to renew.
FAR 52.222-44 FAIR LABOR STANDARDS ACT AND SERVICES CONTRACT ACT - PRICE ADJUSTMENT (SEP 2009). Applies if FAR Clause 52.222-41 is applicable and FAR clause 52.222-43 does not apply.

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT EXCEEDS \$3,000:

FAR 52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (JUL 2012). Applies if the Subcontract is for construction or services in the U.S., except for commercial services that are part of the purchase of a 'commercially available off-the-shelf' (COTS) item, or a COTS item with minor modifications, normally provided for that COTS item, and performed by the COTS provider.
FAR 52.225-1 BUY AMERICAN ACT-SUPPLIES (FEB 2009)

THE FOLLOWING CLAUSE APPLIES IF THE SUBCONTRACT EXCEEDS \$15,000:

FAR 52.222-20 WALSH-HEALEY PUBLIC CONTRACTS ACT (OCT 2010). Applies if the Subcontract is for other than a "commercial item," as defined in FAR 2.101.
FAR 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (OCT 2010)

THE FOLLOWING CLAUSE APPLIES IF THE SUBCONTRACT EXCEEDS \$25,000:

DEAR 970.5223-4 WORKPLACE SUBSTANCE ABUSE PROGRAMS AT DOE SITES (DEC 2010). Applies if the Subcontract involves any of the hazardous activities stipulated in 10 CFR 707.2.

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT IS FOR \$100,000 OR MORE:

FAR 52.222-35 EQUAL OPPORTUNITY FOR VETERANS (SEP 2010)
FAR 52.222-37 EMPLOYMENT REPORTS ON VETERANS (SEP 2010)

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT EXCEEDS \$150,000:

FAR 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (SEP 2006). ALTERNATE 1 (JUL 1995) applies if the Subcontract is for "commercial items".

FAR 52.203-7 ANTI-KICKBACK PROCEDURES (OCT 2010), excluding paragraph (c)(1). Applies unless the Subcontract is for "commercial items".
FAR 52.203-10 PRICE OR FEE REDUCTION FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997)
FAR 52.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (OCT 2010)
DEAR 952.209-72 ORGANIZATIONAL CONFLICTS OF INTEREST (AUG 2009), with ALTERNATE I. Applies if the Subcontract involves advisory and assistance services, as defined in FAR 2.101. The period of ineligibility shall be five years.
FAR 52.215-14 INTEGRITY OF UNIT PRICES (OCT 2010), excluding paragraph (b)
FAR 52.215-23 LIMITATIONS ON PASS-THROUGH CHARGES (OCT 2009)
FAR 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT – OVERTIME COMPENSATION (JUL 2005). Applies if the Subcontract involves mechanics or laborers and is for other than "commercial items."
FAR 52.227-1 AUTHORIZATION AND CONSENT (DEC 2007) Applies only if the subcontract is not for research, development or demonstration work.
FAR 52.227-2 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (DEC 2007)
FAR 52.227-3 PATENT INDEMNITY (APR 1984). Applies IF commercial supplies are furnished under the Subcontract.
FAR 52.229-3 FEDERAL, STATE, AND LOCAL TAXES (APR 2003)
FAR 52.246-6 INSPECTION – TIME-AND-MATERIAL AND LABOR-HOUR (MAY 2001)

THE FOLLOWING CLAUSE APPLIES IF THE SUBCONTRACT EXCEEDS \$500,000:

DEAR 952.226-74 DISPLACED EMPLOYEE HIRING PREFERENCE (JUN 1997)

THE FOLLOWING CLAUSE APPLIES IF THE SUBCONTRACT EXCEEDS \$650,000:

FAR 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2011). Applies unless the Subcontractor is a small business or there are no subcontracting possibilities.

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT EXCEEDS \$700,000 AND CERTIFIED COST OR PRICING DATA WAS REQUIRED:

FAR 52.215-10 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (AUG 2011)
FAR 52.215-12 SUBCONTRACTOR COST OR PRICING DATA (OCT 2010)
FAR 52.230-2 COST ACCOUNTING STANDARDS (MAY 2012). Applies if the Subcontract is with a large business; is for other than a "commercial item," as defined in FAR 2.101; and is not otherwise exempt; unless the Subcontractor certifies that it is eligible for and elects to use modified CAS coverage, per 48 CFR 9903.201-2.

FAR 52.230-3 DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES (MAY 2012), excluding Paragraph (b). Applies if the Subcontract is with a large business; is for other than a "commercial item," as defined in FAR 2.101; is not otherwise exempt; and the Subcontractor certifies that it is eligible for and elects to use modified CAS coverage, per 48 CFR 9903.201-2.

FAR 52.230-6 ADMINISTRATION OF COST ACCOUNTING STANDARDS (JUN 2010). Applies if the FAR 52.230-2 or 52.230-3 clause applies.

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT EXCEEDS \$5,000,000:

FAR 52.203-13 CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT (APR 2010). Applies if the Subcontract has a performance period of more than 120 days. All disclosures of violation of the False Claims Act or of Federal criminal law shall be directed to the DOE Inspector General, with a copy to the LBNL DOE Contracting Officer.

FAR 52.203-14 DISPLAY OF HOTLINE POSTER(S) (DEC 2007). Download the required poster at: <http://energy.gov/ig/downloads/office-inspector-general-hotline-poster>

THE FOLLOWING CLAUSES APPLY IF THE SUBCONTRACT INDICATES IT IS FOR RESEARCH, DEVELOPMENT, OR DEMONSTRATION (RD&D) WORK OR DESIGN WORK INVOLVING NON-STANDARD TYPES OF CONSTRUCTION:

DEAR 970.5227-4 AUTHORIZATION AND CONSENT (AUG 2002) Paragraph (a), in place of FAR 52.227-1.

DEAR 952.227-11 PATENT RIGHTS - RETENTION BY THE CONTRACTOR (SHORT FORM) (MAR 1995). Applies if the Subcontractor is a Domestic Small Business or Non-Profit Organization, as defined at FAR 27.301.

DEAR 952.227-13 PATENT RIGHTS - ACQUISITION BY THE GOVERNMENT (SEP 1997). Applies if the Subcontractor is not a Domestic Small Business or Non-Profit Organization, as defined at FAR 27.301.

FAR 52.227-16 ADDITIONAL DATA REQUIREMENTS (JUN 1987). Applies to all Subcontracts except those with Universities or Colleges under \$500,000.

DEAR 952.227-84 RIGHT TO REQUEST PATENT WAIVER (FEB 1998)

DEAR 952.235-71 RESEARCH MISCONDUCT (JUL 2005)

END OF GENERAL PROVISIONS