ANL-460 (March 26, 2015)

APPENDIX A
ARGONNE TERMS AND CONDITIONS

(For Non-Commercial Awards Under $10,000)

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1. ACCEPTANCE (OCT 1999)

Acceptance of this Purchase Order (hereinafter called the "contract") must be in accordance with and strictly limited to the Terms and Conditions contained herein. An attempted acknowledgement or acceptance which contains provisions conflicting or additional to the Terms and Conditions herein set forth or which varies any term or condition shall have no force or effect. Performance by the contractor without an effective acknowledgement shall be deemed to be performance in accordance with the Terms and Conditions of this contract.

2. ASSIGNMENT (OCT 1999)

Neither this contract nor any interest therein nor claim there under shall be assigned or transferred by the contractor except as expressly authorized in writing by the Laboratory; provided, that the contractor or its assignee's rights to be paid amounts due as a result of performance of this contract may be assigned to a bank, trust company or other financing institution, including any Federal lending institution. The Laboratory may assign this contract to a successor operator of the Laboratory.

3. PAYMENTS (FEB 2004)

(a) The Laboratory shall pay the contractor, upon the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified in this contract, payment shall be made on partial deliveries accepted by the Laboratory if:
  (1) The amount due on the deliveries warrants it; or
  (2) The contractor requests it and the amount due on the deliveries is at least $1,000 or 50 percent of the total contract price.

(b) Property.
  (1) Property shall mean all tangible personal property as identified in Argonne Form PD-150, Control of Government Property – Contractor Requirements, in the section entitled, "IDENTIFICATION" that has been purchased by the contractor in the performance of the contract for which cost the contractor is entitled to be reimbursed as a direct item of cost under this contract or for which the contractor has included the cost for such property in the fixed price charged to the Laboratory.
  (2) All INVOICES submitted under contracts which contain Argonne Form PD-150, Control of Government Property – Contractor Requirements, shall be accompanied by the completed form entitled, Argonne National Laboratory Subcontract Property Management Government Property Acquisition Record, ANL-661.
  THE LABORATORY WILL NOT ISSUE PAYMENT UNLESS A COMPLETED FORM ANL-661 IS INCLUDED WITH ALL INVOICES (REGARDLESS IF PROPERTY IS BEING INVOICED ON A PARTICULAR INVOICE OR NOT.)

(c) Submission of Transportation Documents
  (1) The Contractor shall submit to the address identified below, for prepayment audit, transportation documents on which the United States will assume freight charges that were paid –
    (A) By the Contractor and added to the invoice for contractor supplied goods and/or services.
    (B) By a first-tier subcontractor and added to the invoice for contractor supplied goods and/or services
  (2) Contractors shall only submit for audit those bills of lading with freight shipment charges exceeding $200. Bills under $200 shall be retained on-site by the Contractor and made available for on-site audits.
  (3) Contractors shall submit the above referenced transportation documents with Contractor's invoice to - Argonne National Laboratory, 9700 South Cass Avenue, Accounts Payable Building 201, Lemont, IL 60439

4. BANKRUPTCY (JUL 1995)

In the event the contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the contractor agrees to furnish, by certified mail, written notification of the bankruptcy to the Laboratory Procurement Official responsible for administering the contract. This notification shall be furnished within five (5) days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of Laboratory contract numbers for all Laboratory contracts against which final payment has not been made. This obligation remains in effect until final payment under this contract.

5. COVENANT AGAINST CONTINGENT FEES (MAY 2014)

(a) The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Government shall have the right to annul this contract without liability or, to deduct from the contract price or consideration, or otherwise recover, the full amount of the contingent fee.

(b) "Bona fide agency," as used in this clause, means an established commercial or selling agency, maintained by a contractor for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds itself out as being able to obtain any Government contract or contracts through improper influence.
"Bona fide employee," as used in this clause, means a person, employed by a contractor and subject to the contractor's supervision and control as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds out as being able to obtain any Government contract or contracts through improper influence.
"Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a person or concern has in securing a Government contract.
"Improper influence," as used in this clause, means any influence that induces or tends to induce a Government employee or officer to give consideration or to act regarding a Government contract on any basis other than the merits of the matter.

6. EMPLOYMENT ELIGIBILITY VERIFICATION (AUG 2013)

(a) *Definitions*. As used in this clause—
"Commercially available off-the-shelf (COTS) item"—
  (1) Means any item of supply that is—
    (i) A commercial item (as defined in paragraph (1) of the definition at 2.101);
    (ii) Sold in substantial quantities in the commercial marketplace; and
    (iii) Offered to the Government, without modification, in the same form in which it is sold in the commercial marketplace; and
  (2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products. Per 46 CFR 525.1 (c)(2), "bulk cargo" means cargo that is loaded and carried in bulk onboard ship without mark or count, in a loose unpackaged form, having homogenous characteristics. Bulk cargo loaded into intermodal equipment, except LASH or Seabee barges, is subject to mark and count and, therefore, ceases to be bulk cargo.

"Employee assigned to the contract" means an employee who was hired after November 6, 1986 (after November 27, 2009 in the Commonwealth of the Northern Mariana Islands), who is directly performing work, in the United States, under a contract that is required to include the clause prescribed at 22.1803. An employee is not considered to be directly performing work under a contract if the employee—
  (1) Normally performs support work, such as indirect or overhead functions; and
  (2) Does not perform any substantial duties applicable to the contract.

"Subcontract" means any contract, as defined in 2.101, entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.
"Subcontractor" means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for a prime Contractor or another subcontractor.
"United States", as defined in 8 U.S.C. 1101(a)(38), means the 50 States, the District of Columbia, Puerto Rico, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands.

(b) *Enrollment and verification requirements*.
  (1) If the Contractor is not enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall—
    (i) *Enroll*. Enroll as a Federal Contractor in the E-Verify program within 30 calendar days of contract award;
    (ii) *Verify all new employees*. Within 90 calendar days of enrollment in the E-Verify program, begin to use E-Verify to initiate verification of employment eligibility of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); and
    (iii) *Verify employees assigned to the contract*. For each employee assigned to the contract, initiate verification within 90 calendar days after date of enrollment or within 30 calendar days of the employee's assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).
  (2) If the Contractor is enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall use E-Verify to initiate verification of employment eligibility of—
    (i) *All new employees*.
      (A) *Enrolled 90 calendar days or more*. The Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or
      (B) *Enrolled less than 90 calendar days*. Within 90 calendar days after enrollment as a Federal Contractor in E-Verify, the Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or
    (ii) *Employees assigned to the contract*. For each employee assigned to the contract, the Contractor shall initiate verification within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).
  (3) If the Contractor is an institution of higher education (as defined at 20 U.S.C. 1001(a)); a State or local government or the government of a Federally recognized Indian tribe; or a surety performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond, the Contractor may choose to verify only employees assigned to the contract, whether existing employees or new hires. The Contractor shall follow the applicable verification requirements at (b)(1) or (b)(2) respectively, except that any requirement for verification of new employees applies only to new employees assigned to the contract.
  (4) *Option to verify employment eligibility of all employees*. The Contractor may elect to verify all existing employees hired after November 6, 1986 (after November 27, 2009, in the Commonwealth of the Northern Mariana Islands), rather than just those employees assigned to the contract. The Contractor shall initiate verification for each existing employee working in the United States who was hired after November 6, 1986 (after November 27, 2009, in the Commonwealth of the Northern Mariana Islands), within 180 calendar days of—
    (i) Enrollment in the E-Verify program; or
    (ii) Notification to E-Verify Operations of the Contractor's decision to exercise this option, using the contact information provided in the E-Verify program Memorandum of Understanding (MOU).
  (5) The Contractor shall comply, for the period of performance of this contract, with the requirements of the E-Verify program MOU.
    (i) The Department of Homeland Security (DHS) or the Social Security Administration (SSA) may terminate the Contractor's MOU and deny access to the E-Verify system in accordance with the terms of the MOU. In such case, the Contractor will be referred to a suspension or debarment official.
    (ii) During the period between termination of the MOU and a decision by the suspension or debarment official whether to suspend or debar, the Contractor is excused from its obligations under paragraph (b) of this clause. If the suspension or debarment official determines not to suspend or debar the Contractor, then the Contractor must reenroll in E-Verify.

(c) *Web site*. Information on registration for and use of the E-Verify program can be obtained via the Internet at the Department of Homeland Security Web site: *http://www.dhs.gov/E-Verify*.

(d) *Individuals previously verified*. The Contractor is not required by this clause to perform additional employment verification using E-Verify for any employee—
  (1) Whose employment eligibility was previously verified by the Contractor through the E-Verify program;
  (2) Who has been granted and holds an active U.S. Government security clearance for access to confidential, secret, or top secret information in accordance with the National Industrial Security Program Operating Manual; or
  (3) Who has undergone a completed background investigation and been issued credentials pursuant to Homeland Security Presidential Directive (HSPD)-12, Policy for a Common Identification Standard for Federal Employees and Contractors.

(e) *Subcontracts*. The Contractor shall include the requirements of this clause, including this paragraph (e) (appropriately modified for identification of the parties), in each subcontract that—
  (1) Is for—
    (i) Commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications), performed by the COTS provider, and are normally provided for that COTS item); or
    (ii) Construction;
  (2) Has a value of more than $3,000; and
  (3) Includes work performed in the United States.

7. NOTICE OF RADIOACTIVE MATERIALS (JAN 1997)

(a) The Contractor shall notify the Laboratory Procurement Representative or designee, in writing, *days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either
   (1) Radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy Act of 1954, as amended, as set forth in Title 10 of the Code of Federal Regulations, in effect on the date of this contract, or
   (2) Other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 microcuries per gram or the activity per item equals or exceeds 0.01 microcuries.

   Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).

   * The Laboratory Procurement Representative shall insert the number of days required in advance of delivery of the item or completion of the servicing to assure that required licenses are obtained and appropriate personnel are notified to institute any necessary safety and health precautions. See FAR 23.601(d).

(b) If there has been no change affecting the quantity of activity, or the characteristics and composition of the radioactive material from deliveries under this contract or prior contracts, the Contractor may request that the Laboratory Procurement Representative or designee waive the notice requirement in paragraph (a) of this clause. Any such request shall —
   (1) Be submitted in writing;
   (2) State that the quantity of activity, characteristics, and composition of the radioactive material have not changed; and
   (3) Cite the contract number on which the prior notification was submitted and the contracting office to which it was submitted.

(c) All items, parts, or subassemblies which contain radioactive materials in which the specific activity is greater than 0.002 microcuries per gram or activity per item equals or exceeds 0.01 microcuries, and all containers in which such items, parts or subassemblies are delivered to the Government or the Laboratory shall be clearly marked and labeled as required by the latest revision of MIL-STD 129 in effect on the date of the contract.

(d) This clause, including this paragraph (d), shall be inserted in all subcontracts for radioactive materials meeting the criteria in paragraph (a) of this clause.

8. PREFERENCE FOR U.S. FLAG AIR CARRIERS (JUN 2003)

(a) Definitions. As used in this clause -- International air transportation means transportation by air between a place in the United States and a place outside the United States or between two places both of which are outside the United States.
   "United States" means the 50 States, the District of Columbia, and outlying areas.
   "U.S.-flag air carrier" means an air carrier holding a certificate under 49 U.S.C. Chapter 411.

(b) Section 5 of the International Air Transportation Fair Competitive Practices Act of 1974 (49 U.S.C. 40118)(Fly America-Act) requires that all Federal agencies and Government contractors and subcontractors use U.S.-flag air carriers for U.S. Government-financed international air transportation of personnel (and their personal effects) or property, to the extent that service by those carriers is available. It requires the Comptroller General of the United States, in the absence of satisfactory proof of the necessity for foreign-flag air transportation, to disallow expenditures from funds, appropriated or otherwise established for the account of the United States, for international air transportation secured aboard a foreign-flag air carrier if a U.S.-flag air carrier is available to provide such services.

(c) If available, the contractor, in performing work under this contract, shall use U.S.-flag air carriers for international air transportation of personnel (and their personal effects) or property.

(d) In the event that the contractor selects a carrier other than a U.S.-flag air carrier for international air transportation, the contractor shall include a statement on vouchers involving such transportation essentially as follows:
   STATEMENT OF UNAVAILABILITY OF U.S.-FLAG AIR CARRIERS

International air transportation of persons (and their personal effects) or property by U.S.-flag air carrier was not available or it was necessary to use foreign-flag air carrier service for the following reasons (see Section 47.403 of the Federal Acquisition Regulation):

[State reasons]:

(End of Statement)

(e) The contractor shall include the substance of this clause, including this paragraph (e), in each subcontract or purchase order under this contract that may involve international air transportation.

9. APPLICABLE LAW (OCT 1999)

To the extent that Federal law does not exist and State law could become applicable to this contract, the law of Illinois shall apply.

10. NOTICE TO THE LABORATORY OF LABOR DISPUTES (OCT 1999)

(a) If the contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the contractor shall immediately give notice, including all relevant information, to the Laboratory.

(b) The contractor agrees to insert the substance of this clause, including this paragraph (b), in any subcontract to which a labor dispute may delay the timely performance of this contract; except that each subcontract shall provide that in the event its timely performance is delayed or threatened by delay by any actual or potential labor dispute, the subcontractor shall immediately notify the next higher tier subcontractor or the contractor, as the case may be, of all relevant information concerning the dispute.

11. REPORTS (OCT 1999)

The contractor shall furnish intermediate reports to the Laboratory from time to time when requested, in such form and number as may be required by the Laboratory, summarizing activities of the contractor under this contract and shall make such final reports as may be required by the Laboratory. All reports delivered to the Laboratory under this contract shall contain a signature page which will identify the persons preparing the report and the persons approving the report.

12. CHANGES - FIXED-PRICE (OCT 1999)

(a) The authorized Laboratory Procurement Official may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:
   (1) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the Laboratory in accordance with the drawings, designs, or specifications.
   (2) Method of shipment or packing.
   (3) Place of delivery.
   (4) Description of services to be performed.

(b) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the authorized Laboratory Procurement Official shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

(c) The contractor must submit any "proposal for adjustment" (here after referred to as proposal) under this clause within 30 days from the date of receipt of the written order. However, if the authorized Laboratory Procurement Official decides that the facts justify it, the authorized Laboratory Procurement Official may receive and act upon a proposal submitted before final payment of the contract.

(d) If the contractor's proposal includes the cost of property made obsolete or excess by the change, the authorized Laboratory Procurement Official shall have the right to prescribe the manner of the disposition of the property.

(e) Nothing in this clause shall excuse the contractor from proceeding with the contract as changed.

13. EXTRAS (OCT 1999)

Except as otherwise provided in this contract, no payment for extras shall be made unless such extras and the price therefore have been authorized in writing by the authorized Laboratory Procurement Official.

14. WARRANTY OF SERVICES (MAY 2001)

(a) Definitions. "Acceptance," as used in this clause, means the act of an authorized representative of the Laboratory by which the Laboratory assumes for itself, or as an agent of another, ownership of existing and identified supplies, or approves specific services , as partial or complete performance of the contract.

(b) Notwithstanding inspection and acceptance by the Laboratory or any provision concerning the conclusiveness thereof, the Contractor warrants that all services performed under this contract will, at the time of acceptance, be free from defects in workmanship and conform to the requirements of this contract. The Laboratory Procurement Official shall give written notice of any defect or nonconformance to the Contractor...[Laboratory Procurement Official shall insert the specific period of time in which notice shall be given to the Contractor; e.g., "within 30 days from the date of acceptance by the Laboratory,"; within 1000 hours of use by the Laboratory;" or other specified event whose occurrence will terminate the period of notice, or combination of any applicable events or period of time]. This notice shall state either (1) that the Contractor shall correct or reperform any defective or nonconforming services, or (2) that the Laboratory does not require correction or reperformance.

(c) If the Contractor is required to correct or reperform, it shall be at no cost to the Laboratory and any services corrected or reperformed by the Contractor shall be subject to this clause to the same extent as work initially performed. If the Contractor fails or refuses to correct or reperform, the Laboratory Procurement Official may, by contract or otherwise, correct or replace with similar services and charge to the Contractor the cost occasioned to the Laboratory thereby, or make an equitable adjustment in the contract price.

(d) If the Laboratory does not require correction or reperformance, the Laboratory Procurement Official shall make an equitable adjustment in the contract price.

15. WARRANTY OF SUPPLIES (JUN 2014)

The contractor warrants that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

Energy Consuming Products

When the contract requires the specification or delivery of energy consuming products for use in Federal facility, the contractor will specify or deliver EnergyStar ® qualified products or products conforming to the Federal Energy Management Program's (FEMP) Energy Efficiency Requirements, whichever may be applicable, provided products with such a designation are available and are life cycle cost effective and meet applicable performance standards. Information about these products is available for EnergyStar ® at:

http://www.energystar.gov/products and FEMP at
http://www.eere.energy.gov/femp/procurement/eep_requirements.cfm.

When the contract requires the specification or delivery of imaging equipment (i.e. copiers, digital duplicators, facsimile machines, mailing machines, multifunction devices, printers, or scanners, the clause at FAR 52.223-13, Acquisition of EPEAT ®-Registered Imaging Equipment (JUN 2014) shall apply.

When the contract requires the specification or delivery of televisions, the clause at FAR 52.223-14, Acquisition of EPEAT®-Registered Televisions (Jun 2014) shall apply, or it's Alternate I.

When the contract calls for the specification or delivery of personal computer products, the clause at FAR 52.223-16, Acquisition of EPEAT®-Registered Personal Computer Products (June 2014) shall apply.

In the performance of this contract, the Contractor shall comply with the requirements of Executive Order 13423, Strengthening Federal Environmental, Energy and Transportation Management, (http://www.epa.gov/greeningepa/practices/eo13423.htm) and Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance (http://www.archives.gov/federal-register/executive-orders/disposition.html). The Contractor shall also consider the best practices within the DOE Acquisition Guide, Chapter 23, Acquisition Considerations Regarding Federal Leadership in Environmental, Energy, and Economic Performance. This guide includes information concerning recycled content products, bio-based products, energy efficient products, water efficient products, alternative fuels and vehicles, non ozone depleting substances and other environmentally preferable products and services. This guide is available on the Internet at:
http://energy.gov/sites/prod/files/23.0_EO_13514_Federal_Leadership_in_Environment%2C_Energy%2C_and_Economic_Performance_0.pdf

16. RESPONSIBILITY FOR SUPPLIES (OCT 1999)

(a) Title to supplies furnished under this contract shall pass to the Government upon formal acceptance by the Laboratory, regardless of when or where the Laboratory takes physical possession, unless the contract specifically provides for earlier passage of title.

(b) Unless the contract specifically provides otherwise, risk of loss of or damage to supplies shall remain with the contractor until, and shall pass to the Laboratory upon:
   (1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or
   (2) Acceptance by the Laboratory or delivery of the supplies to the Laboratory at the destination specified in the contract, whichever is later, if transportation is f.o.b. destination.
   (c) Paragraph (b) above shall not apply to supplies that so fail to conform to contract requirements as to give a right of rejection. The risk of loss of or damage to such nonconforming supplies remains with the contractor until cure or acceptance. After cure or acceptance, paragraph (b) above shall apply.

(d) Under paragraph (b) above, the contractor shall not be liable for loss of or damage to supplies caused by the negligence of officers, agents, or employees of the Laboratory acting within the scope of their employment.

17. INSPECTION OF SUPPLIES (OCT 1999)

The contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Laboratory reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Laboratory may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Laboratory must exercise its post acceptance rights (a) within a reasonable time after the defect was discovered or should have been discovered; and (b) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

18. INSPECTION OF SERVICES (AUG 1996)

(a) Definitions. "Services," as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.
(b) The Contractor shall provide and maintain an inspection system acceptable to the Laboratory covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Laboratory during contract performance and for as long afterwards as the contract requires.
(c) The Laboratory has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. The Laboratory shall perform inspections and tests in a manner that will not unduly delay the work.
(d) If the Laboratory performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, at no increase in contract price, all reasonable facilities and assistance for the safe and convenient performance of these duties.
(e) If any of the services do not conform with contract requirements, the Laboratory may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defects in services cannot be corrected by reperformance, the Laboratory may --
  (1) require the Contractor to take necessary action to ensure that future performance conforms to contract requirements and
  (2) reduce the contract price to reflect the reduced value of the services performed.
(f) If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Laboratory may (1) by contract or otherwise, perform the services and charge to the Contractor any cost incurred by the Laboratory that is directly related to the performance of such service or (2) terminate the contract for default.

19. LABORATORY-FURNISHED PROPERTY (OCT 1999)

(a) The Laboratory shall deliver to the contractor, at the time and locations stated in this contract, the Laboratory-furnished property described in this contract. If that property, suitable for its intended use, is not delivered to the contractor, the Laboratory shall equitably adjust affected provisions of this contract in accordance with the Changes clause when:
  (1) The contractor submits a timely written request for an equitable adjustment; and
  (2) The facts warrant an equitable adjustment.
(b) Title to Laboratory-furnished property shall remain in the Government. The contractor shall use the Laboratory-furnished property only in connection with this contract. The contractor shall maintain adequate property control records in accordance with sound industrial practice and will make such records available for Laboratory inspection at all reasonable times.
(c) Upon delivery of Laboratory-furnished property to the contractor, the contractor assumes the risk and responsibility for its loss or damage, except:
  (1) For reasonable wear and tear; or
  (2) To the extent property is consumed in performing this contract.
(d) Upon completing this contract, the contractor shall follow the instructions of the Laboratory regarding the disposition of all Laboratory-furnished property not consumed in performing this contract or previously delivered to the Laboratory. The contractor shall prepare for shipment, deliver f.o.b. origin, or dispose of the Government property, as may be directed or authorized by the Laboratory. The net proceeds of any such disposal shall be credited to the contract price or shall be paid to the Laboratory as directed by the Laboratory.
(e) If this contract is to be performed outside the United States of America, its territories, or possessions, the word "Government" (wherever it appears in this clause) shall be construed as "United States Government."

20. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT – OVERTIME COMPENSATION (MAY 2014)

(a) Overtime requirements. No Contractor or subcontractor employing laborers or mechanics (see Federal Acquisition Regulation 22.300) shall require or permit them to work over 40 hours in any workweek unless they are paid at least 1 and 1/2 times the basic rate of pay for each hour worked over 40 hours.
(b) Violation; liability for unpaid wages; liquidated damages. The responsible Contractor and subcontractor are liable for unpaid wages if they violate the terms in paragraph (a) of this clause. In addition, the Contractor and subcontractor are liable for liquidated damages payable to the Government. The Contracting Officer will assess liquidated damages at the rate of $10 per affected employee for each calendar day on which the employer required or permitted the employee to work in excess of the standard workweek of 40 hours without paying overtime wages required by the Contract Work Hours and Safety Standards statute (found at 40 U.S.C. chapter 37).
(c) Withholding for unpaid wages and liquidated damages. The Contracting Officer will withhold from payments due under the contract sufficient funds required to satisfy any Contractor or subcontractor liabilities for unpaid wages and liquidated damages. If amounts withheld under the contract are insufficient to satisfy Contractor or subcontractor liabilities, the Contracting Officer will withhold payments from other Federal or federally assisted contracts held by the same Contractor that are subject to the Contract Work Hours and Safety Standards statute
(d) Payrolls and basic records.
  (1) The Contractor and its subcontractors shall maintain payrolls and basic payroll records for all laborers and mechanics working on the contract during the contract and shall make them available to the Government until 3 years after contract completion. The records shall contain the name and address of each employee, social security number, labor classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. The records need not duplicate those required for construction work by Department of Labor regulations at 29 CFR 5.5(a)(3) implementing the Construction Wage Rate Requirements statute.
  (2) The Contractor and its subcontractors shall allow authorized representatives of the Contracting Officer or the Department of Labor to inspect, copy, or transcribe records maintained under paragraph (d)(1) of this clause. The Contractor or subcontractor also shall allow authorized representatives of the Contracting Officer or Department of Labor to interview employees in the workplace during working hours.
(e) Subcontracts. The Contractor shall insert the provisions set forth in paragraphs (a) through (d) of this clause in subcontracts that may require or involve the employment of laborers and mechanics and require subcontractors to include these provisions in any such lower tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the provisions set forth in paragraphs (a) through (d) of this clause.

21. BUY AMERICAN ACT – SUPPLIES (MAY 2014)

(a) Definitions. As used in this clause—
"Commercially available off-the-shelf (COTS) item"—
  (1) Means any item of supply (including construction material) that is—
    (i) A commercial item (as defined in paragraph (1) of the definition at FAR 2.101);
    (ii) Sold in substantial quantities in the commercial marketplace; and
    (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
  (2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.
"Component" means an article, material, or supply incorporated directly into an end product.
"Cost of components" means—
  (3) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
  (4) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.
"Domestic end product" means—
  (1) An unmanufactured end product mined or produced in the United States;
  (2) An end product manufactured in the United States, if—
    (i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic; or
    (ii) The end product is a COTS item.
"End product" means those articles, materials, and supplies to be acquired under the contract for public use.
"Foreign end product" means an end product other than a domestic end product.
"United States" means the 50 States, the District of Columbia, and outlying areas.
(b) 41 U.S.C. chapter 83, Buy American, provides a preference for domestic end products for supplies acquired for use in the United States. In accordance with 41 U.S.C. 1907, the component test of the Buy American statute is waived for an end product that is a COTS item (See 12.505(a)(1)).
(c) Offerors may obtain from the Contracting Officer a list of foreign articles that the Contracting Officer will treat as domestic for this contract.
(d) The Contractor shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the Representations and Certifications for the solicitation entitled "Buy American Certificate."

22. FEDERAL, STATE, AND LOCAL TAXES (APR 2003)

(a) As used in this clause—
"After-imposed Federal tax" means any new or increased Federal excise tax or duty, or tax that was exempted or excluded on the contract date but whose exemption was later revoked or reduced during the contract period, on the transactions or property covered by this contract that the Contractor is required to pay or bear as the result of legislative, judicial, or administrative action taking effect after the contract date. It does not include social security tax or other employment taxes.
"After-relieved Federal tax" means any amount of Federal excise tax or duty, except social security or other employment taxes, that would otherwise have been payable on the transactions or property covered by this contract, but which the Contractor is not required to pay or bear, or for which the Contractor obtains a refund or drawback, as the result of legislative, judicial, or administrative action taking effect after the contract date.
"All applicable Federal, State, and local taxes and duties" means all taxes and duties, in effect on the contract date, that the taxing authority is imposing and collecting on the transactions or property covered by this contract.
"Contract date" means the date set for bid opening or, if this is a negotiated contract or a modification, the effective date of this contract or modification.
"Local taxes" includes taxes imposed by a possession or territory of the United States, Puerto Rico, or the Northern Mariana Islands, if the contract is performed wholly or partly in any of those areas.
(b) The contract price includes all applicable Federal, State, and local taxes and duties.
(c) The contract price shall be increased by the amount of any after-imposed Federal tax, provided the Contractor warrants in writing that no amount for such newly imposed Federal excise tax or duty or rate increase was included in the contract price, as a contingency reserve or otherwise.
(d) The contract price shall be decreased by the amount of any after-relieved Federal tax.
(e) The contract price shall be decreased by the amount of any Federal excise tax or duty, except social security or other employment taxes, that the Contractor is required to pay or bear, or does not obtain a refund of, through the Contractor's fault, negligence, or failure to follow instructions of the Contracting Officer.
(f) No adjustment shall be made in the contract price under this clause unless the amount of the adjustment exceeds $250.
(g) The Contractor shall promptly notify the Contracting Officer of all matters relating to any Federal excise tax or duty that reasonably may be expected to result in either an increase or decrease in the contract price and shall take appropriate action as the Contracting Officer directs.
  (h) The Government shall, without liability, furnish evidence appropriate to establish exemption from any Federal, State, or local tax when the Contractor requests such evidence and a reasonable basis exists to sustain the exemption.ASSIGNMENT (OCT 1999).
  Neither this contract nor any interest therein nor claim hereunder shall be assigned or transferred by the contractor except as expressly authorized in writing by the Laboratory. The Laboratory may assign the whole or any part of this contract to the Government or its designee. The Laboratory may assign this contract to a successor operator of the Laboratory.

23. SUBCONTRACTS FOR COMMERCIAL ITEMS (JUL 2014)

(a) Definitions. As used in this clause—
"Commercial item" has the meaning contained in Federal Acquisition Regulation 2.101, Definitions.
"Subcontract" includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c) (1) The Contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (41 U.S.C. 3509), if the subcontract exceeds $5,000,000 and has a performance period of more than 120 days. In altering this clause to identify the appropriate parties, all disclosures of violation of the civil False Claims Act or of Federal criminal law shall be directed to the agency Office of the Inspector General, with a copy to the Contracting Officer.

(ii) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5), if the subcontract is funded under the Recovery Act.

(iii) 52.219-8, Utilization of Small Business Concerns (May 2014) (15 U.S.C. 637(d)(2) and (3)), if the subcontract offers further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds $650,000 ($1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Veterans (Jul 2014) (38 U.S.C. 4212(a));

(vi) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(vii) 52.222-37, Employment Reports on Veterans (Jul 2014) (38 U.S.C. 4212)

(viii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496), if flow down is required in accordance with paragraph (f) of FAR clause 52.222-40.

(ix) 52.222-50, Combating Trafficking in Persons (Feb 2009) (22 U.S.C. 7104(g)).

(x) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xi) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Dec 2013), if flow down is required in accordance with paragraph (c) of FAR clause 52.232-40.

(xii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. App. 1241 and 10 U.S.C. 2631), if flow down is required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

24. TERMINATION FOR CONVENIENCE OF THE LABORATORY (OCT 1999)

The Laboratory, by written notice, may terminate this contract, in whole or in part, when it is in the Laboratory's interest. If this contract is terminated, the rights, duties, and obligation of the parties, including compensation to the contractor, shall be in accordance with Part 49 of the Federal Acquisition Regulation in effect on the date of this contract.

25. DEFAULT (OCT 1999)

(a) (1) The Laboratory may, subject to paragraphs (c) and (d) below, by written notice of default to the contractor, terminate this contract in whole or in part if the contractor fails to:

(i) Deliver the supplies or to perform the services within the time specified in this contract or any extension;

(ii) Make progress, so as to endanger performance of this contract (but see subparagraph (a)(2) below); or

(iii) Perform any of the other provisions of this contract (but see subparagraph (a)(2) below).

(2) The Laboratory's right to terminate this contract under subdivisions (1)(ii) and (1)(iii) above, may be exercised if the contractor does not cure such failure within 10 days (or more if authorized in writing by the Laboratory) after receipt of the notice from the Laboratory specifying the failure.

(b) If the Laboratory terminates this contract in whole or in part, it may acquire, under the terms and in the manner the Laboratory considers appropriate, supplies or services similar to those terminated, and the contractor will be liable to the Laboratory for any excess costs for those supplies or services. However, the contractor shall continue the work not terminated.

(c) Except for defaults of subcontractors at any tier, the contractor shall not be liable for any excess costs if the failure to perform the contract arises from causes beyond the control and without the fault or negligence of the contractor. Examples of such causes include (1) acts of God or of the public enemy, (2) acts of the Government in either its sovereign or contractual capacity, (3) fires, (4) floods, (5) epidemics, (6) quarantine restrictions, (7) strikes, (8) freight embargoes, and (9) unusually severe weather. In each instance the failure to perform must be beyond the control and without the fault or negligence of the contractor.

(d) If the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is beyond the control of both the contractor and the subcontractor, and without the fault or negligence of either, the contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted supplies or services were obtainable from other sources in sufficient time for the contractor to meet the required delivery schedule.

(e) If this contract is terminated for default, the Laboratory may require the contractor to transfer title and deliver to the Laboratory, as directed by the Laboratory, any (1) completed supplies, and (2) partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (collectively referred to as "manufacturing materials" in this clause) that the contractor has specifically produced or acquired for the terminated portion of this contract. Upon direction of the Laboratory, the contractor shall also protect and preserve property in its possession in which the Laboratory or the Government have an interest.

(f) The Laboratory shall pay the contract price for completed supplies delivered and accepted. The contractor and the Laboratory shall agree on the amount of payment for manufacturing materials delivered and accepted and for the protection and preservation of the property. The Laboratory may withhold from these amounts any sum the Laboratory determines to be necessary to protect the Laboratory against loss because of outstanding liens or claims of former lien holders.

(g) If, after termination, it is determined that the contractor was not in default or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Laboratory.

(h) The rights and remedies of the Laboratory in this clause are in addition to any other rights and remedies provided by law or under this contract.

26. PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS (DEVIATION) (AUG 2012)

This clause implements the temporary policy provided by OMB Policy Memorandum M-12-16, Providing Prompt Payment to Small Business Subcontractors, dated July 11, 2012.

(a) Upon receipt of accelerated payments from the Government, the Laboratory is required to make accelerated payments to small business subcontractors to the maximum extent practicable after receipt of a proper invoice and all proper documentation from the small business subcontractor.

(b) Include the substance of this clause, including this paragraph (b), in all subcontracts with small business concerns.

(c) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.

27. RESTRICTION ON CERTAIN FOREIGN PURCHASES (JUN 2008)

(a) Except as authorized by the Office of Foreign Assets Control (OFAC) in the Department of the Treasury, the Contractor shall not acquire, for use in the performance of this contract, any supplies or services if any proclamation, Executive order, or statute administered by OFAC, or if OFAC's implementing regulations at 31 CFR chapter V, would prohibit such a transaction by a person subject to the jurisdiction of the United States.

(b) Except as authorized by OFAC, most transactions involving Cuba, Iran, and Sudan are prohibited, as are most imports from Burma or North Korea, into the United States or its outlying areas. Lists of entities and individuals subject to economic sanctions are included in OFAC's List of Specially Designated Nationals and Blocked Persons at http://www.treas.gov/offices/enforcement/ofac/sdn/. More information about these restrictions, as well as updates, is available in the OFAC's regulations at 31 CFR chapter V and/or on OFAC's website at http://www.treas.gov/offices/enforcement/ofac.

(c) The Contractor shall insert this clause, including this paragraph (c), in all subcontracts.

28. INFORMATION TECHNOLOGY ACQUISITIONS (MARCH 2009)

All information technology acquired under this Agreement shall include the appropriate information technology security policies and requirements, including use of common security configurations available from the National Institute of Standards and Technology' website at http://checklists.nist.gov.

29. SECURITY (OCT 2013) (DEVIATION)

Responsibility. It is the Contractor's duty to protect all classified information, special nuclear material, and other DOE property. The Contractor shall, in accordance with DOE security regulations and requirements, be responsible for protecting all classified information and all classified matter (including documents, material and special nuclear material) which are in the Contractor's possession in connection with the performance of work under this contract against sabotage, espionage, loss or theft. Except as otherwise expressly provided in this contract, the Contractor shall, upon completion or termination of this contract, transmit to DOE any classified matter or special nuclear material in the possession of the Contractor or any person under the Contractor's control in connection with performance of this contract. If retention by the Contractor of any classified matter is required after the completion or termination of the contract, the Contractor shall identify the items and classification levels and categories of matter proposed for retention, the reasons for the retention, and the proposed period of retention. If the retention is approved by the Contracting Officer, the security provisions of the contract shall continue to be applicable to the classified matter retained. Special nuclear material shall not be retained after the completion or termination of the contract.

(b) Regulations. The Contractor agrees to comply with all security regulations and contract requirements of DOE as incorporated into the contract.

(c) Definition of Classified Information. The term Classified Information means information that is classified as Restricted Data or Formerly Restricted Data under the Atomic Energy Act of 1954, or information determined to require protection against unauthorized disclosure under Executive Order 12958, Classified National Security Information, as amended, or prior executive orders, which is identified as National Security Information.

(d) Definition of Restricted Data. The term Restricted Data means all data concerning design, manufacture, or utilization of atomic weapons; production of special nuclear material; or use of special nuclear material in the production of energy, but excluding data declassified or removed from the Restricted Data category pursuant to 42 U.S.C. 2162 [Section 142, as amended, of the Atomic Energy Act of 1954].

(e) Definition of Formerly Restricted Data. The term "Formerly Restricted Data" means information removed from the Restricted Data category based on a joint determination by DOE or its predecessor agencies and the Department of Defense that the information: (1) relates primarily to the military utilization of atomic weapons; and (2) can be adequately protected as National Security Information. However, such information is subject to the same restrictions on transmission to other countries or regional defense organizations that apply to Restricted Data.

(f) Definition of National Security Information. The term "National Security Information" means information that has been determined, pursuant to Executive Order 12958, Classified National Security Information, as amended, or any predecessor order, to require protection against unauthorized disclosure, and that is marked to indicate its classified status when in documentary form.

(g) Definition of Special Nuclear Material. The term "special nuclear material" means: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which, pursuant to 42 U.S.C. 2071 [section 51 as amended, of the Atomic Energy Act of 1954] has been determined to be special nuclear material, but does not include source material; or (2) any material artificially enriched by any of the foregoing, but does not include source material.

(h) Access authorizations of personnel.

(1) The Contractor shall not permit any individual to have access to any classified information or special nuclear material, except in accordance with the Atomic Energy Act of 1954, and the DOE's regulations and contract requirements applicable to the particular level and category of classified information or particular category of special nuclear material to which access is required.

(2) The Contractor must conduct a thorough review, as defined at 48 CFR 904.401, of an uncleared applicant or uncleared employee, and must test the individual for illegal drugs, prior to selecting the individual for a position requiring a DOE access authorization.

(i) A review must verify an uncleared applicant's or uncleared employee's educational background, including any high school diploma obtained within the past five years, and degrees or diplomas granted by an institution of higher learning; contact listed employers for the last three years and listed personal references; conduct local law enforcement checks when such checks are not prohibited by state or local law or regulation and when the uncleared applicant or uncleared employee resides in the jurisdiction where the Contractor is located; and conduct a credit check and other checks as appropriate.

(ii) Contractor reviews are not required for an applicant for DOE access authorization who possesses a current access authorization from DOE or another Federal agency, or whose access authorization may be reapproved without a federal background investigation pursuant to Executive Order 12968, Access to Classified Information (August 4, 1995), Sections 3.3(c) and (d).

(iii) In collecting and using this information to make a determination as to whether it is appropriate to select an uncleared applicant or uncleared employee to a

position requiring an access authorization, the Contractor must comply with all applicable laws, regulations, and Executive Orders, including those: (a) governing the processing and privacy of an individual's information, such as the Fair Credit Reporting Act, Americans with Disabilities Act (ADA), and Health Insurance Portability and Accountability Act; and (b) prohibiting discrimination in employment, such as under the ADA, Title VII and the Age Discrimination in Employment Act, including with respect to pre- and post-offer of employment disability related questioning.

(iv) In addition to a review, each candidate for a DOE access authorization must be tested to demonstrate the absence of any illegal drug, as defined in 10 CFR Part 707.4. All positions requiring access authorizations are deemed testing designated positions in accordance with 10 CFR Part 707. All employees possessing access authorizations are subject to applicant, random or for cause testing for use of illegal drugs. DOE will not process candidates for a DOE access authorization unless their tests confirm the absence from their system of any illegal drug.

(v) When an uncleared applicant or uncleared employee receives an offer of employment for a position that requires a DOE access authorization, the Contractor shall not place that individual in such a position prior to the individual's receipt of a DOE access authorization, unless an approval has been obtained from the head of the cognizant local security office. If the individual is hired and placed in the position prior to receiving an access authorization, the uncleared employee may not be afforded access to classified information or matter or special nuclear material (in categories requiring access authorization) until an access authorization has been granted.

(vi) The Contractor must maintain a record of information concerning each uncleared applicant or uncleared employee who is selected for a position requiring an access authorization. Upon request only, the following information will be furnished to the head of the cognizant local DOE Security Office:

A. The date(s) each Review was conducted;
B. Each entity that provided information concerning the individual;
C. A certification that the review was conducted in accordance with all applicable laws, regulations, and Executive Orders, including those governing the processing and privacy of an individual's information collected during the review;
D. A certification that all information collected during the review was reviewed and evaluated in accordance with the Contractor's personnel policies; and
E. The results of the test for illegal drugs.

(i) Criminal liability. It is understood that disclosure of any classified information relating to the work or services ordered hereunder to any person not entitled to receive it, or failure to protect any classified information, special nuclear material, or other Government property that may come to the Contractor or any person under the Contractor's control in connection with work under this contract, may subject the Contractor, its agents, employees, or Subcontractors to criminal liability under the laws of the United States (see the Atomic Energy Act of 1954, 42 U.S.C. 2011 et seq.; 18 U.S.C. 793 and 794). Contractors are encouraged to submit this information through the use of the online tool at https://foci.td.anl.gov. When completed the Contractor must print and sign one copy of the SF 328 and submit it to the Contracting Officer.

(j) Foreign Ownership, Control, or Influence.

(1) The Contractor shall immediately provide the cognizant security office written notice of any change in the extent and nature of foreign ownership, control or influence over the Contractor which would affect any answer to the questions presented in the Standard Form (SF) 328, Certificate Pertaining to Foreign Interests, executed prior to award of this contract. In addition, any notice of changes in ownership or control which are required to be reported to the Securities and Exchange Commission, the Federal Trade Commission, or the Department of Justice, shall also be furnished concurrently to the Contracting Officer.

(2) If a Contractor has changes involving foreign ownership, control, or influence, DOE must determine whether the changes will pose an undue risk to the common defense and security. In making this determination, DOE will consider proposals made by the Contractor to avoid or mitigate foreign influences.

(3) If the cognizant security office at any time determines that the Contractor is, or is potentially, subject to foreign ownership, control, or influence, the Contractor shall comply with such instructions as the Contracting Officer shall provide in writing to protect any classified information or special nuclear material.

(4) The Contracting Officer may terminate this contract for default either if the Contractor fails to meet obligations imposed by this clause or if the Contractor creates a foreign ownership, control, or influence situation in order to avoid performance or a termination for default. The Contracting Officer may terminate this contract for convenience if the Contractor becomes subject to foreign ownership, control, or influence and for reasons other than avoidance of performance of the contract, cannot, or chooses not to, avoid or mitigate the foreign ownership, control, or influence problem.

(k) Employment announcements. When placing announcements seeking applicants for positions requiring access authorizations, the Contractor shall include in the written vacancy announcement, a notification to prospective applicants that reviews, and tests for the absence of any illegal drug as defined in 10 CFR 707.4, will be conducted by the employer and a background investigation by the Federal government may be required to obtain an access authorization prior to employment, and that subsequent reinvestigations may be required. If the position is covered by the Counterintelligence Evaluation Program regulations at 10 CFR 709, the announcement should also alert applicants that successful completion of a counterintelligence evaluation may include a counterintelligence-scope polygraph examination.

(l) Flow down to subcontracts. The Contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph, in all subcontracts under its contract that will require Subcontractor employees to possess access authorizations. Additionally, the Contractor must require such Subcontractors to have an existing DOD or DOE facility clearance or submit a completed SF 328, Certificate Pertaining to Foreign Interests, as required in DEAR 952.204-73, Facility Clearance, and obtain a foreign ownership, control and influence determination and facility clearance prior to award of a subcontract. Information to be provided by a Subcontractor pursuant to this clause may be submitted directly to the Contracting Officer. For purposes of this clause, Subcontractor means any Subcontractor at any tier and the term "Contracting Officer" means the DOE Contracting Officer. When this clause is included in a subcontract, the term "Contractor" shall mean Subcontractor and the term "contract" shall mean subcontract

30. LABORATORY SITE ACCESS AND /OR PARTICIPATION IN ACTIVITIES BY NON-U.S. NATIONALS (DEC 2004)

Site Access
Site access, including cyber access utilizing a Laboratory account, by all non-U.S. citizens must be reviewed and approved by the Laboratory Director or his designee. All new requests must be submitted on Form ANL-593. Non-U.S. citizens are either visitors (on site for 30 days or less) or assignees (on site for more than 30 days in a 12-month period). A certified host must be assigned for each visit or assignment. Form ANL 593 should be submitted as far in advance as possible (a minimum of 30 days for a sensitive assignment, 7 days for a non-sensitive country assignment or visit or sensitive visit.)
For assignments (more than 30 days) involving a foreign national from a "Sensitive Country", and/or access to a security area of the Laboratory or access to a sensitive subject, at least 30 days advance notice should be provided to ensure that Security, Counterintelligence, and Export Control reviews can be accomplished, and a DOE indices check can be completed prior to approval. In such cases, a specific security plan is required to be submitted to the Foreign Visits and Assignments Office with the ANL-593 form requesting the visit by the Hosting Division. An indices check normally takes 30 days after completion of all required pre-clearance documents, but can take considerably longer (once obtained, an indices check is valid for two years).
For visits or assignments involving a foreign national from a "Terrorist Supporting Country", (which currently include: Cuba, Iran, Libya, North Korea, Sudan, Syria), specific approval of the visit/assignment by the Secretary of Energy or his designees is required. This approval, if granted, may take up to one year after the internal approvals have been processed.
The time frames indicated above shall not constitute the basis for any equitable adjustment or claim to the contract price or performance/delivery period.
For assistance in preparing a request, contact the Argonne Technical Investigator associated with your activity.
Activity Participation
Due to Department of Energy directives and Department of Commerce regulations, persons who are born in (and who are not naturalized U. S. Citizens) or are citizens of any "Terrorist Supporting Country" may be denied access and/or participation in activities with Argonne National Laboratory.
The requirement is to be flowed down to all subcontractors at any tier.

31. EXPORT LICENSE AGREEMENT (AUG 2002)

The contractor understands that the materials and/or information being transmitted under the performance of this contract may be subject to U.S. Government laws and regulations regarding export or re-export. This includes deemed exports which are any communication of technical data to a foreign national, whether it takes place in the United States or abroad. Technical information (data) provided to a foreign national verbally, by mail, by telephone or facsimile, through visits or workshops, or through computer networking is an export. If a foreign national observes equipment or a process, it may constitute an export of technical data, if significant details are revealed. It is solely the contractor's obligation to obtain all appropriate export licenses, keep required records, and comply fully with all export control statutes and regulations. Unless authorized by appropriate government license or regulation, contractor agrees not to export directly or indirectly any technology, software or materials provided by the Laboratory. Contractor shall be solely liable for any violation of export control statutes or regulations, and shall indemnify and hold the Department of Energy, UChicago Argonne, LLC, and the Laboratory harmless from any liability that may arise for any such violation.

32. EXPORT CONTROL INFORMATION FOR FOREIGN TRAVEL (NOV 2002)

The United States is committed to encourage technology exchanges that are consistent with U.S. national security and nuclear nonproliferation objectives. Although much of the work Argonne and its employees undertake to further its research and technology development mission is excepted from U.S. export control regulations, the Laboratory must abide by all of the export control laws and regulations to ensure its compliance with export controls.
An export can occur through a variety of means, including oral communications, written documentation, or transfer of U.S. computer software to foreign nationals. Technology transfers to foreign nationals while they are visiting the United States or other countries or while you are visiting their country are considered exports. You and the Laboratory can be held liable for improperly transferring controlled technologies.
Prior to transfer, verify that the technology, information, and/or commodities fall into one or more of the following categories:

- Fundamental research and information resulting from fundamental research
- Published information and software (publicly available) education information
- Patent applications

If the information, technology, and/or commodities do not fall into one of these categories, please contact the Export Control Manager at Argonne to determine if a license is required prior to export.
To further ensure that you do not run the risk of exporting sensitive information or technology when traveling abroad, keep the following guidelines in mind that without having acquired an export license prior to your trip, presentations and discussions must be limited to only those topics that are not on the DOE Sensitive Subjects List and the Argonne Sensitive Technologies and not related to controlled items or technologies unless they are in the public domain. Further elaboration, or additional details, may be considered an export of technologies and need an export license prior to release.

33. ENVIRONMENTAL PROTECTION (OCT 1999)

In performing this contract the contractor shall comply with the requirements set forth in all applicable Federal and non-Federal environmental protection laws, codes, ordinances, Executive Orders, regulations and directives.

34. PROVIDING ACCELERATED PAYMENT TO SMALL BUSINESS SUBCONTRACTORS (DEC2013)

(a) Upon receipt of accelerated payments from the Government, the Contractor shall make accelerated payments to its small business subcontractors under this contract, to the maximum extent practicable and prior to when such payment is otherwise required under the applicable contract or subcontract, after receipt of a proper invoice and all other required documentation from the small business subcontractor.
(b) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.
(c) Include the substance of this clause, including this paragraph (c), in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial items.

35. CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (APR2014)

(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239) and FAR 3.908
(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.
(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold.

36. WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (DEC 2000)

(a) The contractor shall comply with the requirements of the "DOE Contractor Employee Protection Program" at 10CFR Part 708 for work performed on behalf of DOE directly related to activities at DOE-owned or leased sites.
(b) The contractor shall insert or have inserted the substance of this clause, including this paragraph (b), in subcontracts at all tiers, for subcontracts involving work performed on behalf of DOE directly related to activities at DOE-owned or leased sites.

37. COMBATING TRAFFICKING IN PERSONS (FEB 2009)

(a) Definitions. As used in this clause—
"Coercion" means—
(1) Threats of serious harm to or physical restraint against any person;
(2) Any scheme, plan, or pattern intended to cause a person to believe that failure to perform an act would result in serious harm to or physical restraint against any person; or
(3) The abuse or threatened abuse of the legal process.
"Commercial sex act" means any sex act on account of which anything of value is given to or received by any person.
"Debt bondage" means the status or condition of a debtor arising from a pledge by the debtor of his or her personal services or of those of a person under his or her control as a security for debt, if the value of those services as reasonably assessed is not applied toward the liquidation of the debt or the length and nature of those services are not respectively limited and defined.
"Employee" means an employee of the Contractor directly engaged in the performance of work under the contract who has other than a minimal impact or involvement in contract performance.
"Forced labor" means knowingly providing or obtaining the labor or services of a person—
(1) By threats of serious harm to, or physical restraint against, that person or another person;
(2) By means of any scheme, plan, or pattern intended to cause the person to believe that, if the person did not perform such labor or services, that person or another person would suffer serious harm or physical restraint; or
(3) By means of the abuse or threatened abuse of law or the legal process.
"Involuntary servitude" includes a condition of servitude induced by means of—
(1) Any scheme, plan, or pattern intended to cause a person to believe that, if the person did not enter into or continue in such conditions, that person or another person would suffer serious harm or physical restraint; or
(2) The abuse or threatened abuse of the legal process.
"Severe forms of trafficking in persons" means—
(1) Sex trafficking in which a commercial sex act is induced by force, fraud, or coercion, or in which the person induced to perform such act has not attained 18 years of age; or
(2) The recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
"Sex trafficking" means the recruitment, harboring, transportation, provision, or obtaining of a person for the purpose of a commercial sex act.

(b) Policy. The United States Government has adopted a zero tolerance policy regarding trafficking in persons. Contractors and contractor employees shall not—
(1) Engage in severe forms of trafficking in persons during the period of performance of the contract;
(2) Procure commercial sex acts during the period of performance of the contract; or
(3) Use forced labor in the performance of the contract.

(c) Contractor requirements. The Contractor shall—
(1) Notify its employees of—
(i) The United States Government's zero tolerance policy described in paragraph (b) of this clause; and
(ii) The actions that will be taken against employees for violations of this policy. Such actions may include, but are not limited to, removal from the contract, reduction in benefits, or termination of employment; and
(2) Take appropriate action, up to and including termination, against employees or subcontractors that violate the policy in paragraph (b) of this clause.

(d) Notification. The Contractor shall inform the Contracting Officer immediately of—
(1) Any information it receives from any source (including host country law enforcement) that alleges a Contractor employee, subcontractor, or subcontractor employee has engaged in conduct that violates this policy; and
(2) Any actions taken against Contractor employees, subcontractors, or subcontractor employees pursuant to this clause.

(e) Remedies. In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraphs (c), (d), or (f) of this clause may result in—
(1) Requiring the Contractor to remove a Contractor employee or employees from the performance of the contract;
(2) Requiring the Contractor to terminate a subcontract;
(3) Suspension of contract payments;
(4) Loss of award fee, consistent with the award fee plan, for the performance period in which the Government determined Contractor non-compliance;
(5) Termination of the contract for default or cause, in accordance with the termination clause of this contract; or
(6) Suspension or debarment.

(f) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (f), in all subcontracts.

(g) Mitigating Factor. The Contracting Officer may consider whether the Contactor had a Trafficking in Persons awareness program at the time of the violation as a mitigating factor when determining remedies. Additional information about Trafficking in Persons and examples of awareness programs can be found at the website for the Department of State's Office to Monitor and Combat Trafficking in Persons at http://www.state.gov/g/tip .

38. RESEARCH MISCONDUCT (JUL 2005)

(a) The contractor is responsible for maintaining the integrity of research performed pursuant to this contract award including the prevention, detection, and remediation of research misconduct as defined by this clause, and the conduct of inquiries, investigations, and adjudication of allegations of research misconduct in accordance with the requirements of this clause.

(b) Unless otherwise instructed by the Laboratory Procurement Official (LPO), the contractor must conduct an initial inquiry into any allegation of research misconduct. If the contractor determines that there is sufficient evidence to proceed to an investigation, it must notify the contracting officer and, unless otherwise instructed, the contractor must:
(1) Conduct an investigation to develop a complete factual record and an examination of such record leading to either a finding of research misconduct and an identification of appropriate remedies or a determination that no further action is warranted;
(2) If the investigation leads to a finding of research misconduct, conduct an adjudication by a responsible official who was not involved in the inquiry or investigation and is separated organizationally from the element which conducted the investigation. The adjudication must include a review of the investigative record and, as warranted, a determination of appropriate corrective actions and sanctions.
(3) Inform the LPO if an initial inquiry supports a formal investigation and, if requested by the contracting officer thereafter, keep the LPO informed of the results of the investigation and any subsequent adjudication. When an investigation is complete, the contractor will forward to the contracting officer a copy of the evidentiary record, the investigative report, any recommendations made to the contractor's adjudicating official, the adjudicating official's decision and notification of any corrective action taken or planned, and the subject's written response (if any).

(c) The Laboratory may elect to act in lieu of the contractor in conducting an inquiry or investigation into an allegation of research misconduct if the LPO finds that:
(1) The research organization is not prepared to handle the allegation in a manner consistent with this clause;
(2) The allegation involves an entity of sufficiently small size that it cannot reasonably conduct the inquiry;
(3) Laboratory involvement is necessary to ensure the public heath, safety, and security, or to prevent harm to the public interest; or,
4) The allegation involves possible criminal misconduct.

(d) In conducting the activities under paragraphs (b) and (c) of this clause, the contractor and the Laboratory, if it elects to conduct the inquiry or investigation, shall adhere to the following guidelines:
(1) Safeguards for information and subjects of allegations. The contractor shall provide safeguards to ensure that individuals may bring allegations of research misconduct made in good faith to the attention of the contractor without suffering retribution. Safeguards include: protection against retaliation; fair and objective procedures for examining and resolving allegations; and diligence in protecting positions and reputations. The contractor shall also provide the subjects of allegations confidence that their rights are protected and that the mere filing of an allegation of research misconduct will not result in an adverse action. Safeguards include timely written notice regarding substantive allegations against them, a description of the allegation and reasonable access to any evidence submitted to support the allegation or developed in response to an allegation and notice of any findings of research misconduct.
(2) Objectivity and Expertise. The contractor shall select individual(s) to inquire, investigate, and adjudicate allegations of research misconduct who have appropriate expertise and have no unresolved conflict of interest. The individual(s) who conducts an adjudication must not be the same individual(s) who conducted the inquiry or investigation, and must be separate organizationally from the element that conducted the inquiry or investigation.
(3) Timeliness. The contractor shall coordinate, inquire, investigate and adjudicate allegations of research misconduct promptly, but thoroughly. Generally, an investigation should be completed within 120 days of initiation, and adjudication should be complete within 60 days of receipt of the record of investigation.
(4) Confidentiality. To the extent possible, consistent with fair and thorough processing of allegations of research misconduct and applicable law and regulation, knowledge about the identity of the subjects of allegations and informants should be limited to those with a need to know.
(5) Remediation and Sanction. If the contractor finds that research misconduct has occurred, it shall assess the seriousness of the misconduct and its impact on the research completed or in process. The contractor must take all necessary corrective actions. Such action may include but are not limited to, correcting the research record and as appropriate imposing restrictions, controls, or other parameters on research in process or to be conducted in the future. The contractor must coordinate remedial actions with the LPO. The contractor must also consider whether personnel sanctions are appropriate. Any such sanction must be considered and effected consistent with any applicable personnel laws, policies, and procedures, and shall take into account the seriousness of the misconduct and its impact, whether it was done knowingly or intentionally, and whether it was an isolated event or pattern of conduct.

(e) The Laboratory reserves the right to pursue such remedies and other actions as it deems appropriate, consistent with the terms and conditions of the award instrument and applicable laws and regulations. However, the contractor's good faith administration of this clause and the effectiveness of its remedial actions and sanctions shall be positive considerations and shall be taken into account as mitigating factors in assessing the need for such actions. If the Laboratory pursues any such action, it will inform the subject of the action of the outcome and any applicable appeal procedures.

(f) Definitions.
"Adjudication" means a formal review of a record of investigation of alleged research misconduct to determine whether and what corrective actions and sanctions should be taken.
"Fabrication" means making up data or results and recording or reporting them.
"Falsification" means manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.
"Finding of Research Misconduct" means a determination, based on a preponderance of the evidence, that research misconduct has occurred. Such a finding requires a conclusion that there has been a significant departure from accepted practices of the relevant research community and that it be knowingly, intentionally, or recklessly committed.
"Inquiry" means information gathering and initial fact-finding to determine whether an allegation or apparent instance of misconduct warrants an investigation.
"Investigation" means the formal examination and evaluation of the relevant facts.
"Plagiarism" means the appropriation of another person's ideas, processes, results, or words without giving appropriate credit.
"Research" means all basic, applied, and demonstration research in all fields of science, medicine, engineering, and mathematics, including, but not limited to, research in economics, education, linguistics, medicine, psychology, social sciences statistics, and research involving human subjects or animals.
"Research Misconduct" means fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results, but does not include honest error or differences of opinion.
"Research record" means the record of all data or results that embody the facts resulting from scientists' inquiries, including, but not limited to, research proposals, laboratory records, both physical and electronic, progress reports, abstracts, theses, oral presentations, internal reports, and journal articles.

(g) By executing this contract, the contractor provides its assurance that it has established an administrative process for performing an inquiry, mediating if possible, or investigating, and reporting allegations of research misconduct; and that it will comply with its own administrative process and the requirements of 10 CFR part 733 for performing an inquiry, possible mediation, investigation and reporting of research misconduct.

(h) The contractor must insert or have inserted the substance of this clause, including paragraph (g), in subcontracts at all tiers that involve research.

39. VEHICLE LIABILITY INSURANCE COVERAGE (AUGUST 2001)

In the event a Government or Laboratory vehicle (including Laboratory-rented vehicle) will be utilized by the contractor during the course of work under this contract, contractor agrees to obtain and maintain appropriate levels of automobile liability coverage for property damage and bodily injury and such insurance shall be primary.

40. ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)

(a) Definitions. As used in this clause—
"Driving"–
(1) Means operating a motor vehicle on an active roadway with the motor running, including while temporarily stationary because of traffic, a traffic light, stop sign, or otherwise.
(2) Does not include operating a motor vehicle with or without the motor running when one has pulled over to the side of, or off, an active roadway and has halted in a location where one can safely remain stationary.
"Text messaging" means reading from or entering data into any handheld or other electronic device, including for the purpose of short message service texting, e-mailing, instant messaging, obtaining navigational information, or engaging in any other form of electronic data retrieval or electronic data communication. The term does not include glancing at or listening to a navigational device that is secured in a commercially designed holder affixed to the vehicle, provided that the destination and route are programmed into the device either before driving or while stopped in a location off the roadway where it is safe and legal to park.

(b) This clause implements Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, dated October 1, 2009.

(c) The Contractor is encouraged to—

(1) Adopt and enforce policies that ban text messaging while driving—

(i) Company-owned or -rented vehicles or Government-owned vehicles; or

(ii) Privately-owned vehicles when on official Government business or when performing any work for or on behalf of the Government.

(2) Conduct initiatives in a manner commensurate with the size of the business, such as—

(i) Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and

(ii) Education, awareness, and other outreach to employees about the safety risks associated with texting while driving.

(d) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (d), in all subcontracts that exceed the micro-purchase threshold.

41. INTEGRATION CLAUSE (OCT 1999)

This contract represents the full understanding of the parties and is the entire agreement between the parties. All negotiations between the parties have been merged into the contract and there are no understandings or agreements other than those incorporated into this contract.

42. TECHNICAL STANDARDS PROGRAM (FEB 2011)

This article applies if any Contractor personnel participate in development, review or selection activities related to DOE Technical Standards.

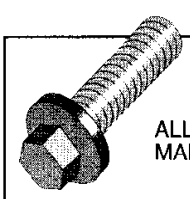
1. In the performance of this contract, the Contractor, when participating in the development of Department of Energy (DOE) Technical Standards, conducting technical standards review activities, and selecting technical standards for use to support assigned DOE missions and functions, must:
2. Select, use, and adhere to appropriate voluntary consensus standards (VCSs), except where use of VCSs is inconsistent with law or impractical. (Note: VCSs are defined as standards developed or adopted by voluntary consensus standards bodies, both domestic and international.)
3. Participate as appropriate in development and review of those DOE Technical Standards where the contractor has technical or programmatic interests, or will be affected by the content of DOE Technical Standards under development, or as directed by the Contracting Officer.
4. Designate and provide support for a coordinator for technical standards activities, including identification of the appropriate Subject Matter Experts to review draft DOE Technical Standards.
5. Report participation in VCS activities conducted in support of DOE missions and functions through the Laboratory Technical Standards Manager in The Office of Contract Administration (COA). [use Form DOE F 1300.2 (05/2010)],
6. Flow down this requirement to subcontractor(s) at any tier to the extent necessary to ensure the contractor's compliance with these requirements.

43. SUSPECT COUNTERFEIT PARTS (DEC 2007)

Notwithstanding any other provisions of this agreement, the contractor warrants that all items provided to the Laboratory shall be genuine, new and unused unless otherwise specified in writing by the Laboratory. Contractor further warrants that all items used by the contractor during the performance of work at the Argonne National Laboratory include all genuine, original, and new components, or are otherwise suitable for the intended purpose. Furthermore, the contractor shall indemnify the Laboratory, its agents, and third parties for any financial loss, injury, or property damage resulting directly or indirectly from material, components, or parts that are not genuine, original, and unused, or not otherwise suitable for the intended purpose. This includes, but is not limited to, materials that are defective, suspect, or counterfeit; materials that have been provided under false pretenses; and materials or items that are materially altered, damaged, deteriorated, degraded, or result in product failure.

Types of material, parts, and components known to have been misrepresented include (but are not limited to) fasteners; hoisting, rigging, and lifting equipment; cranes; hoists; valves; pipe and fittings; electrical equipment and devices; plate, bar, shapes, channel members, and other heat treated materials and structural items; welding rod and electrodes; and computer memory modules. The contractor's warranty also extends to labels and/or trademarks or logos affixed, or designed to be affixed, to items supplied or delivered to the Laboratory. In addition, because falsification of information or documentation may constitute criminal conduct, the Laboratory may reject and retain such information or items, at no cost, and identify, segregate, and report such information or activities to cognizant Department of Energy officials.

SUSPECT/COUNTERFEIT PART



HEADMARK LIST

ALL GRADE 5 AND GRADE 8 FASTENERS OF FOREIGN ORIGIN WHICH DO NOT BEAR ANY MANUFACTURERS' HEADMARKS

Grade 5

Grade 8

GRADE 5 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:

MARK	MANUFACTURER
J	Jinn Her (TW)

MARK	MANUFACTURER
KS	Kosaka Kogyo (JP)

GRADE 8 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:

MARK	MANUFACTURER
A	Asahi Mfg. (JP)
NF	Nippon Fasteners (JP)
H	Hinomoto Metal (JP)
M	Minamida Sieybo (JP)
MS	Minato Kogyo (JP)
Hollow Triangle	Infasco (CA TW JP YU) (Greater than 1/2 inch dia)
E	Daiei (JP)

MARK	MANUFACTURER
KS	Kosaka Kogyo (JP)
RT	Takai Ltd (JP)
FM	Fastener Co of Japan (JP)
KY	Kyoei Mfg (JP)
J	Jinn Her (TW)
UNY	Unytite (JP)

GRADE 8.2 FASTENERS WITH THE FOLLOWING HEADMARKS:

MARK	MANUFACTURER
KS	Kosaka Kogyo (JP)

GRADE A325 FASTENERS (BENNETT DENVER TARGET ONLY) WITH THE FOLLOWING HEADMARKS:

Type 1

Type 2

Type 3

MARK	MANUFACTURER
A325 KS	Kosaka Kogyo (JP)

Headmarkings are usually raised – sometimes indented.

KEY: CA-Canada, JP-Japan, TW-Taiwan, YU-Yugoslavia

ANY BOLT ON THIS LIST SHOULD BE TREATED AS DEFECTIVE WITHOUT FURTHER TESTING.

OR, IF YOU SEE ANY INDICATION THAT A CIRCUIT BREAKER MAY BE USED OR REFURBISHED SEE: http://www.saftek.com/worksafe/bull82.txt