

ADDITIONAL STANDARD TERMS AND CONDITIONS FOR PURCHASE ORDERS



Day & Zimmermann

SPECIAL U.S. GOVERNMENT PROVISIONS. The provisions set forth hereunder shall apply in addition to those attached to the Purchase Order. Seller hereby agrees to flow down the applicable FAR clauses to its lower-tier subcontractors.

- a. Audits. Seller agrees that its books and records and its plans or any such part thereof as may be engaged in the performance of this AGREEMENT, shall at all reasonable times be subject to inspection and audit by any person designated by the head of any executive department of the U. S. Government or any representative of buyer.
- b. Quality Control. Except as otherwise provided in this AGREEMENT, Seller's system of Quality Control during the performance of this AGREEMENT shall be in accordance with the specifications as are required by Buyer's prime contract or higher tier AGREEMENT.
- c. Modification. Seller agrees it will negotiate AGREEMENT modification(s) in good faith to incorporate additions, deletions, and changes to the clauses set forth below if Buyer deems them necessary to comply with Buyer's Contract or modifications to Buyer's Contract. If any such modification to this Purchase Order causes an increase or decrease in the cost, or the time required for the performance, of any part of the work under this AGREEMENT, an equitable adjustment shall be made pursuant to the "Changes" clause of this Purchase Order. Seller shall proceed immediately to perform this AGREEMENT as changed.
- d. Government/Buyers Property. Seller shall maintain and administer a program for the maintenance, repair, protection, and preservation of Buyer and Government property in accordance with FAR 52.245-1, June 2007. Seller assumes risk of and shall be responsible for any loss or damage to Government property except for reasonable wear and tear and except to the extent that such property is incorporated in the Goods delivered under this AGREEMENT. The Buyer or Government makes no warranty, express or implied, with respect to the serviceability and or suitability of property of performance of this AGREEMENT. Any repairs, replacements or refurbishments shall be at the Seller's expense. Upon completion of this Order or at such earlier times as Buyer may request, Seller shall submit, in acceptable form, inventory schedules covering all items of Buyer and Government property pertaining to this AGREEMENT. In addition, upon the request of the Buyer, the Seller may be required to furnish a list of all Buyer and Government property required to support any follow-on requirement. This list shall be in an acceptable format and identify the category, quantity and acquisition cost. To the extent that such use will not interfere with Seller's performance of this or other AGREEMENTS from Buyers, this clause shall not limit the use by the Seller of property to which the Government has title in the production of end items on direct Government Order; however, nothing herein will be deemed to contravene the rights of the Government under FAR 52.245-1.
- e. FAR Clauses. The following clauses of the FAR are incorporated herein by reference, as applicable, and made part hereof with the same force and effect as if they were given in full text, including any notes following the clause citations, to this AGREEMENT. The clauses in effect in the Buyer's Contract on the date of this Purchase Order are incorporated by reference and changes, if necessary, to each such clause, including dates, shall be made to be consistent with the intent of the changes set forth below or as required by Buyer's customer. In the following FAR and DFARS clauses, unless otherwise noted, "Contractor" or "Offeror" shall mean "Seller", "Government" or "United States" shall mean "Buyer", "Contract" shall mean this AGREEMENT, and "Contracting Officer", "Administrative Contracting Officer" and "ACO" shall mean "Buyer's Representative", unless otherwise noted.

Regulatory Cite	Title
52.202-1	Definitions
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity
52.203-12	Limitation on Payments to Influence Certain Federal Transactions
52.203-13	Contractor Code of Business Ethics and Conduct
52.203-3	Gratuities

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52.203-4501	Operations Security (OPSEC) Requirements
52.203-5	Covenant Against Contingent Fees
52.203-6	Restrictions on Subcontractor Sales to the Government
52.203-7	Anti-Kickback Procedures
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activities
52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards
52.204-13	System for Award Management Maintenance
52.204-16	Commercial and Government Entity Code Reporting
52.204-18	Commercial and Government Entity Code Maintenance
52.204-19	Incorporation by Reference of Representations and Certifications
52.204-4	Printed or Copied Double-sided on Postconsumer Fiber Content
52.204-7	System for Award Management Maintenance
52.204-8	Annual Representations and Certifications
52.207-1	Notice of Standard Competition
52.209-3	First Article Approval -- Contractor Testing
52.209-4512	First Article Test (Contractor Testing)
52.209-6	Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment
52.209-7	Information Regarding Responsibility Matters
52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters
52.210-1	Market Research
52.210-4501	Drawings/Specifications
52.211-14	Notice of Priority Rating for National Defense, Emergency Preparedness, and Energy Program Use
52.211-15	Defense Priority and Allocation Requirements
52.211-17	Delivery of Excess Quantities
52.211-4502	Technical Data Package Information, and Distribution and Destruction of Restricted Technical Data
52.211-4508	Packaging Requirements
52.211-5	Material Requirements
52.212-4583	Disclosure of Unit Prices
52.214-34	Submission of Offers in the English Language
52.214-35	Submission of Offers in U.S. Currency
52.214-4584	Hand-Delivered Bids, Quotes, or Proposals
52.215-1	Instructions to Offerors -- Competitive
52.215-10	Price Reduction for Defective Certified Cost or Pricing Data
52.215-11	Price Reduction for Defective Certified Cost or Pricing Data - Modifications
52.215-12	Subcontractor Certified Cost or Pricing Data
52.215-13	Subcontractor Certified Cost or Pricing Data - Modifications
52.215-14	Integrity of Unit Prices
52.215-15	Pension Adjustments and Asset Reversions
52.215-16	Facilities Capital Cost of Money
52.215-18	Reversion or Adjustment of Plans for Postretirement Benefits (PRB) other than Pensions
52.215-19	Notification of Ownership Changes

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52.215-2	Audit and Records - Negotiations
52.215-20	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data
52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data - Modifications
52.215-8	Order of Precedence - Uniform Contract Format
52.216-1	Type of Contract
52.217-4	Evaluation of Options Exercised at Time of Contract Award
52.217-4012	Evaluation of Options (F.O.B. Origin)
52.217-4080	Evaluated Option for Increased Quantity (F.O.B. Origin)
52.219-28	Post-Award Small Business Program Representation
52.219-4	Notice of Price Evaluation Preference for Hubzone Small Business Concerns
52.219-8	Utilization of Small Business Concerns
52.219-9	Small Business Subcontracting Plan
52.222-19	Child Labor - Cooperation with Authorities and Remedies
52.222-20	Contracts for Materials, Supplies, Articles and Equipment Exceeding \$15,000
52.222-21	Prohibition of Segregated Facilities
52.222-24	Preaward On-site Equal Opportunity Compliance Evaluation
52.222-26	Equal Opportunity
52.222-29	Notification of Visa Denial
52.222-3	Convict Labor
52.222-35	Equal Opportunity for Veterans
52.222-36	Equal Opportunity for Workers with Disabilities
52.222-37	Employment Reports on Veterans
52.222-40	Notification of Employee Rights under the National Labor Relations Act
52.222-50	Combating Trafficking in Persons
52.222-54	Employment Eligibility Verification
52.223-11	Ozone-Depleting Substances
52.223-18	Contractor Policy to Ban Text Messaging while Driving
52.223-3	Hazardous Material Identification and Material Safety Data
52.223-5	Pollution Prevention and Right-to-Know Information
52.223-6	Drug-Free Workplace
52.225-13	Restrictions on Certain Foreign Purchases
52.225-18	Place of Manufacture
52.225-4503	Restriction of Critical Items and Components (Local)
52.227-1	Authorization and Consent
52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement
52.229-3	Federal, State and Local Taxes
52.230-2	Cost Accounting Standards
52.230-3	Disclosure and Consistency of Cost Accounting Practices
52.230-6	Administration of Cost Accounting Standards
52.232-1	Payments
52.232-11	Extras

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52.232-13	Notice of Progress Payments
52.232-16	Progress Payments
52.232-17	Interest
52.232-23	Assignment of Claims
52.232-25	Prompt Payment
52.232-33	Payment by Electronic Funds Transfer - System for Award Management
52.232-37	Multiple Payment Arrangements
52.232-39	Unenforceability of Unauthorized Obligations
52.232-40	Providing Accelerated Payments to Small Business Subcontractors
52.232-4506	Progress Payment Limitation
52.232-8	Discounts for Prompt Payment
52.233-1	Disputes
52.233-2	Service of Protest
52.233-3	Protest After Award
52.233-4	Applicable Law for Breach of Contract Claim
52.233-4503	AMC-Level Protest Program
52.242-13	Bankruptcy
52.242-15	Stop-Work Order
52.242-17	Gov't Delay of Work
52.242-2	Production Progress Reports
52.242-4560	Instructions for Preparation and Submission of Product Progress Reports
52.242-4591	Contractor Performance Information
52.243-1	Changes - Fixed Price
52.243-7	Notification of Changes
52.244-6	Subcontracts for Commercial Items
52.245-1	Government Property
52.245-4545	MIL-STD-1916
52.245-9	Use and Charges
52.246-16	Responsibility for Supplies
52.246-17	Warranty of Supplies of a Non-Complex Nature
52.246-2	Inspection of Supplies - Fixed-Price
52.246-23	Limitation of Liability
52.246-4017	Process Capability, Control and Improvement Requirements
52.246-4018	Measurement System Evaluation (MSE)
52.246-4502	Ammunition Data Cards
52.246-4528	Rework and Repair of Nonconforming Material
52.246-4532	Destructive Testing
52.246-4535	Ammunition Data Cards and Report of Contractor Ballistic Testing
52.246-4536	Statement of Work -2-D Bar Coding Verification
52.246-4538	MIL-STD-1171A, Acceptance and Description Sheets (for Propellants and Explosives)
52.246-4550	Higher-Level Contract Quality Requirement
52.246-4551	Supplemental Warranty Information
52.246-4553	Critical Characteristics (Six Sigma)

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52.247-15	Contractor Responsibility for Loading and Unloading
52.247-29	F.O.B. Origin
52.247-33	F.O.B. Origin, With Differentials
52.247-4502	Transportation Evaluation - F.O.B. Point of Delivery of Government-furnished Material (with Differentials)
52.247-4504	Transportation Security Requirements
52.247-4517	Palletization Instructions
52.247-4531	Cognizant Transportation Officer
52.247-4544	Transportation Containerization
52.247-4545	Place of Contract Shipping Point, Rail Information
52.247-4551	Special Transport/ Loading Requirements (Hazardous)
52.247-4588	Transportation Evaluation
52.247-46	Shipping Point(s) used in Evaluation of F.O.B. Origin Offers
52.247-47	Evaluation - F.O.B. Origin
52.247-55	F.O.B. Point for Delivery of Government-Furnished Property
52.247-58	Loading, Blocking, and Bracing of Freight Car Shipments
52.247-59	F.O.B. Origin - Carload and Truckload Shipments
52.247-60	Guaranteed Shipping Characteristics
52.247-61	F.O.B. Origin - Minimum Size of Shipments
52.247-63	Preference for U.S.-Flag Air Carriers
52.247-68	Report of Shipment (REPSHIP)
52.248-1	Value Engineering
52.248-4502	Configuration Management Documentation
52.249-2	Termination for Convenience of the Government (Fixed Price)
52.249-8	Default (Fixed Price Supply and Service)
52.251-1	Government Supply Sources
52.252-1	Solicitation Provisions Incorporated by Reference
52.252-2	Clauses Incorporated by Reference
52.252-5	Authorized Deviations in Provisions
52.252-6	Authorized Deviations in Clauses
52.253-1	Computer Generated Forms
252.203-7000	Requirements Relating to Compensation of Former DOD Officials
252.203-7001	Prohibition on Persons Convicted of Fraud or Other Defense-Contract-Related Felonies
252.203-7002	Requirement to Inform Employees of Whistleblower Rights
252.203-7005	Representation Relating to Compensation of Former DOD Officials
252.204-7000	Disclosure of Information
252.204-7003	Control of Government Personnel Work Product
252.204-7004	Alternate A, System for Award Management (SAM)
252.204-7006	Billing Instructions
252.204-7007	Alternate A, Annual Representations and Certifications
252.204-7012	Safeguarding of Unclassified Controlled Technical Information
252.204-7015	Disclosure of Information to Litigation Support Contractors
252.205-7000	Provision of Information to Cooperative Agreement Holders

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252.206-7000	Domestic Source Restriction
252.209-7004	Subcontracting with Firms that are Owned or Controlled by the Gov't of a Terrorist Country
252.209-7992	Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under any Federal Law - FY15 Appropriations
252.209-7993	Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under any Federal Law - FY14 Appropriations
252.209-7994	Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under any Federal Law - FY14 Appropriations
252.209-7995	Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under Any Federal Law -- FY13 Appropriations
252.209-7997	Representation by Corporations Regarding an Unpaid Delinquent Tax Liability or a Felony Conviction under Any Federal Law -- DoD Appropriations
252.211-7003	Item Unique Identification and Valuation
252.211-7005	Substitutions for Military or Federal Specifications and Standards
252.211-7007	Reporting of Gov't-Furnished Property
252.215-7000	Pricing Adjustments
252.215-7002	Cost Estimating System Requirements
252.215-7008	Only One Offer
252.217-7000	Exercise of Option to Fulfill Foreign Military Sales Commitments
252.219-7003	Small Business Subcontracting Plan (DoD Contracts)
252.222-7006	Restrictions on the Use of Mandatory Arbitration Agreements
252.223-7001	Hazard Warning Labels
252.223-7002	Safety Precautions for Ammunition and Explosives
252.223-7003	Change in Place of Performance - Ammunition and Explosives
252.223-7004	Drug-Free Work Force
252.223-7007	Safeguarding Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)
252.225-7001	Buy American and Balance of Payments Program -- Basic
252.225-7002	Qualifying Country Sources as Subcontractors
252.225-7003	Report of Intended Performance Outside the United States and Canada -- Submission with Offer
252.225-7007	Prohibition on Acquisition of United States Munitions List Items from Communist Chinese Military Companies
252.225-7021	Trade Agreements
252.225-7048	Export-Controlled Items
252.226-7001	Utilization of Indian Organizations, Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns
252.227-7013	Rights in Technical Data - Noncommercial Items
252.227-7014	Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation
252.227-7015	Technical Data -- Commercial Items
252.227-7016	Rights in Bid or Proposal Information
252.227-7017	Identification and Assertion of Use, Release, or Disclosure Restriction
252.227-7019	Validation of Asserted Restrictions - Computer Software
252.227-7025	Limitations on Use or Disclosure of Gov't-Furnished Information Marked with Restrictive Legends
252.227-7027	Deferred Ordering of Technical Data or Computer Software

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252.227-7028	Technical Data or Computer Software Previously Delivered to the Government
252.227-7030	Technical Data - Withholding of Payments
252.227-7037	Validation of Restrictive Markings on Technical Data
252.231-7000	Supplemental Cost Principles
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports
252.232-7004	DOD Progress Payment Rates
252.232-7006	Wide Area Workflow Payment Instructions
252.232-7010	Levies on Contract Payments
252.242-7004	Material Management and Accounting System
252.242-7005	Contractor Business Systems
252.242-7006	Accounting System Administration
252.243-7001	Pricing of Contract Modifications
252.243-7002	Requests for Equitable Adjustment
252.244-7000	Subcontracts for Commercial Items
252.245-7001	Tagging, Labeling, and Marking of Government-Furnished Property
252.245-7002	Reporting Loss of Gov't Property
252.245-7003	Contractor Property Management System Administration
252.245-7004	Reporting, Reutilization, and Disposal
252.246-7000	Material Inspection and Receiving Report
252.247-7023	Transportation of Supplies by Sea
252.247-7024	Notification of Transportation of Supplies by Sea
252.251-7000	Ordering from Government Supply Sources

52.211-4502 TECHNICAL DATA PACKAGE INFORMATION, AND DISTRIBUTION AND DESTRUCTION OF RESTRICTED TECHNICAL DATA

(a) Army Contracting Command - Rock Island (ACC-RI) will no longer make Technical Data Packages (TDPs) available for order via CD-ROMS. TDPs will be obtained electronically via the link(s) below which will direct you to the Federal Business Opportunities (FBO) website. You must have an FBO account prior to accessing any TDP(s). To register for an account in FBO, please visit <http://www.fbo.gov/index> and click on Register Now under Vendors/Citizens. The toll free FBO helpdesk phone number is (866) 606-8220 and for international (334) 206- 7828. Vendors are responsible for placing correct information in FBO.

(b) You may need to use special software to view the documents that we post to the FBO. This viewing software is freeware, available for download at no cost from commercial websites like Microsoft and Adobe. Additionally, some TDPs may require Lucent Viewer to view the TDP(s) which is available as freeware at: <http://www.ec-edi.com/>.

(c) The TDP(s) for this solicitation will be accessible via the FBO website (as described below) from the date of issue through the time specified in the solicitation for receipt of offers.

(d) FOR UNRESTRICTED TDPs:

(1) TDPs for this solicitation are unrestricted and can be accessed electronically via the FBO website. The URL will take you to that CLINs web-located TDP. You must have an FBO account prior accessing the TDP.

(2) To access the TDP(s), click directly on the link provided below to be directed to the TDP. You may also copy and paste the link into your browser and hit the Enter key. You will be prompted for your FBO username and password prior to gaining access to the TDP.

CLIN: N/A

TDP Link (URL): N/A

(e) FOR RESTRICTED TDPs:

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TDPs and any other related documents, if applicable, for this solicitation are restricted and can be accessed electronically via the FBO website, with valid contractor login credentials. TDPs and any other related documents are posted with various options, such as Restricted and Export Control. These additional controls are described below:

(1) Access to RESTRICTED TDPs

Technical Data Packages that have been marked as 'Restricted' can be accessed electronically via the FBO website, with valid contractor login credentials. TDPs that have been marked as 'Restricted' will require approval from the Contracting Officer prior to gaining access to the requested information. To request access click on the link(s) provided below, log in to FBO, click on the packages sub-tab and then click on the request explicit access button. Completion of a Use and Non-Disclosure Agreement may be required prior to gaining access to the TDP. Please allow 2-3 working days to process your request. You will receive a system generated email from FBO stating you have been granted permission for viewing or downloading the TDP items.

(2) Access to EXPORT CONTROL TDPs

(i) TDPs that have been marked as 'Export Control' can be accessed electronically via the FBO website, with valid contractor login credentials. In addition, to obtain access to these TDPs, vendors and contractors must have a current DD 2345, Militarily Critical Technical Data Agreement on file with Defense Logistics Information Service (DLIS). If you do not have an approved DD 2345, Militarily Critical Technical Data Agreement on file with DLIS then you will not be able to access the TDP. To obtain certification, go to <http://www.logisticsinformationservice.dla.mil/jcp/>, click on documents and follow instructions provided. Processing time is estimated at five working days after receipt.

(ii) TDPs that have been marked as Export Control will require approval from the Contracting Officer prior to gaining access to the requested information. To request access click on the link(s) provided below, log in to FBO, click on the packages sub-tab, enter your Marketing Partner Identification Number (MPIN) and click on the request explicit access button. The requestor must be the "data custodian" that is listed on the DD 2345. Please allow 2-3 working days to process your request. If the company MPIN changes the user will be required to verify the MPIN again to gain access to Export Control TDP(s). Completion of a Use and Non-Disclosure Agreement may be required prior to gaining access to the TDP. You will receive a system generated email from FBO stating you have been granted permission for viewing or downloading the TDP items.

(iii) If multiple individuals in your company need access to the Export Control TDP for a solicitation, it can be obtained from your data custodian that is listed on the DD 2345.

(iv) TDPs that have an Export Control Warning Notice are subject to the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et.seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C, App. 2401 et. seq. CLINs: 0001 – 0015 TDP Link (URL): <https://www.fbo.gov/fedteds/W52P1J14R0146>

(3) Further dissemination of Restricted TDPs must be in accordance with provisions of DoD Directive 5230.25. This also applies to distribution of the TDP to all SUBCONTRACTORS at every level.

(4) Upon completion of the purposes for which the Restricted technical data has been provided, the Contractor is required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed by the Contractor. Destruction of this technical data shall be accomplished by: shredding, pulping, burning, or melting any physical copies of the TDP and/or deletion or removal of downloaded TDP files from computer drives and electronic devices, and any copies of those files.

(f) Questions related to registration in FBO should be directed to <http://www.fbo.gov/index>. The FBO helpdesk phone number is (866) 606-8820. Vendors are responsible for placing correct information in FBO. A user guide for FBO can be found at <http://www.fbo.gov/index> - on the right of the screen is User Guides - click on Vendor.

(End of clause)

52.215-19 NOTIFICATION OF OWNERSHIP CHANGES

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall --

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractors ownership changes; and

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(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

(End of Clause)

52.232-16 PROGRESS PAYMENTS

The Government will make progress payments to the Contractor when requested as work progresses, but not more frequently than monthly in amounts of \$2,500 or more approved by the Contracting Officer, under the following conditions:

(a) Computation of amounts.

(1) Unless the Contractor requests a smaller amount, the Government will compute each progress payment as 80 percent of the Contractors total costs incurred under this contract whether or not actually paid, plus financing payments to subcontractors (see paragraph (j) of this clause), less the sum of all previous progress payments made by the Government under this contract. The Contracting Officer will consider cost of money that would be allowable under FAR 31.205-10 as an incurred cost for progress payment purposes.

(2) The amount of financing and other payments for supplies and services purchased directly for the contract are limited to the amounts that have been paid by cash, check, or other forms of payment, or that are determined due will be paid to subcontractors--

(i) In accordance with the terms and conditions of a subcontract of invoice; and

(ii) Ordinarily within 30 days of the submission of the Contractors payment request to the Government.

(3) The Government will exclude accrued costs of Contractor contributions under employee pension plans until actually paid unless—

(i) The Contractors practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractors total costs for progress payments until paid).

(4) The Contractor shall not include the following in total costs for progress payment purposes in paragraph (a)(1) of this clause:

(i) Costs that are not reasonable, allocable to this contract, and consistent with sound and generally accepted accounting principles and practices.

(ii) Costs incurred by subcontractors or suppliers.

(iii) Costs ordinarily capitalized and subject to depreciation or amortization except for the properly depreciated or amortized portion of such costs.

(iv) Payments made or amounts payable to the subcontractors or suppliers, except for--

(A) completed work, including partial deliveries, to which the Contractor has acquired title; and

(B) Work under cost-reimbursement or time-and-material subcontracts to which the Contractor has acquired title.

(5) The amount of unliquidated progress payments may exceed neither (i) the progress payments made against incomplete work (including allowable unliquidated progress payments to subcontractors) nor (ii) the value, for progress payment purposes, of the incomplete work. Incomplete work shall be considered to be the supplies and services required by this contract, for which delivery and invoicing by the Contractor and acceptance by the Government are incomplete.

(6) The total amount of progress payments shall not exceed 80 percent of the total contract price.

(7) If a progress payment or the unliquidated progress payments exceed the amounts permitted by subparagraphs (a) (4) or (a) (5) above, the Contractor shall repay the amount of such excess to the Government on demand.

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(8) Notwithstanding any other terms of the contract, the Contractor agrees not to request progress payments in dollar amounts of less than \$2,500. The Contracting Officer may make exceptions.

(b) Liquidation. Except as provided in the Termination for Convenience of the Government clause, all progress payments shall be liquidated by deducting from any payment under this contract, other than advance or progress payments, the unliquidated progress payments, or 80 percent of the amount invoiced, whichever is less. The Contractor shall repay to the Government any amounts required by a retroactive price reduction, after computing liquidations and payments on past invoices at the reduced prices and adjusting the unliquidated progress payments accordingly. The Government reserves the right to unilaterally change from the ordinary liquidation rate to an alternate rate when deemed appropriate for proper contract financing.

(c) Reduction or suspension. The Contracting Officer may reduce or suspend progress payments, increase the rate of liquidation, or take a combination of these actions, after finding on substantial evidence any of the following conditions:

- (1) The Contractor failed to comply with any material requirement of this contract (which includes paragraphs (f) and (g) below).
- (2) Performance of this contract is endangered by the Contractors --
 - (A) Failure to make progress; or
 - (B) Unsatisfactory financial condition.
- (3) Inventory allocated to this contract substantially exceeds reasonable requirements.
- (4) The Contractor is delinquent in payment of the costs of performing this contract in the ordinary course of business.
- (5) The unliquidated progress payments exceed the fair value of the work accomplished on the undelivered portion of this contract.
- (6) The Contractor is realizing less profit than that reflected in the establishment of any alternate liquidation rate in paragraph (b) above, and that rate is less than the progress payment rate stated in subparagraph (a)(1) above.

(d) Title.

(1) Title to the property described in this paragraph (d) shall vest in the Government. Vestiture shall be immediately upon the date of this contract, for property acquired or produced before that date. Otherwise, vestiture shall occur when the property is or should have been allocable or properly chargeable to this contract.

(2) Property, as used in this clause, includes all of the below-described items acquired or produced by the Contractor that are or should be allocable or properly chargeable to this contract under sound and generally accepted accounting principles and practices. contract;

- (a) Parts, materials, inventories, and work in process;
- (ii) Special tooling and special test equipment to which the Government is to acquire title under any other clause of this
- (iii) Nondurable (i.e., noncapital) tools, jigs, dies, fixtures, molds, patterns, taps, gauges, test equipment, and other similar manufacturing aids, title to which would not be obtained as special tooling under subparagraph (ii) above; and
- (iv) Drawings and technical data, to the extent the Contractor or subcontractors are required to deliver them to the Government by other clauses of this contract.

(3) Although title to property is in the Government under this clause, other applicable clauses of this contract; e.g., the termination or special tooling clauses, shall determine the handling and disposition of the property.

(4) The Contractor may sell any scrap resulting from production under this contract without requesting the Contracting Officers approval, but the proceeds shall be credited against the costs of performance.

(5) To acquire for its own use or dispose of property to which title is vested in the Government under this clause, the Contractor must obtain the Contracting Officers advance approval of the action and the terms. The Contractor shall

- (i) exclude the allocable costs of the property from the costs of contract performance, and
- (ii) repay to the Government any amount of unliquidated progress payments allocable to the property. Repayment may be by cash or credit memorandum.

(6) When the Contractor completes all of the obligations under this contract, including liquidation of all progress payments, title shall vest in the Contractor for all property (or the proceeds thereof) not --

- (i) Delivered to, and accepted by, the Government under this contract; or
- (ii) Incorporated in supplies delivered to, and accepted by, the Government under this contract and to which

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title is vested in the Government under this clause.

(7) The terms of this contract concerning liability for Government-furnished property shall not apply to property to which the Government acquired title solely under this clause.

(e) Risk of loss. Before delivery to and acceptance by the Government, the Contractor shall bear the risk of loss for property, the title to which vests in the Government under this clause, except to the extent the Government expressly assumes the risk. The Contractor shall repay the Government an amount equal to the unliquidated progress payments that are based on costs allocable to property that is damaged, lost, stolen, or destroyed.

(f) Control of costs and property. The Contractor shall maintain an accounting system and controls adequate for the proper administration of this clause.

(g) Reports and access to records. The Contractor shall promptly furnish reports, certificates, financial statements, and other pertinent information reasonably requested by the Contracting Officer for the administration of this clause. Also, the Contractor shall give the Government reasonable opportunity to examine and verify the Contractor's books, records, and accounts.

(h) Special terms regarding default. If this contract is terminated under the Default clause,

(i) the Contractor shall, on demand, repay to the Government the amount of unliquidated progress payments and

(ii) title shall vest in the Contractor, on full liquidation of progress payments, for all property for which the Government elects not to require delivery under the Default clause. The Government shall be liable for no payment except as provided by the Default clause.

(i) Reservations of rights.

(1) No payment or vesting of title under this clause shall --

(i) Excuse the Contractor from performance of obligations under this contract; or

(ii) Constitute a waiver of any of the rights or remedies of the parties under the contract.

(2) The Government's rights and remedies under this clause and

(j) Shall not be exclusive but rather shall be in addition to any other rights and remedies provided by law or this contract;

(ii) Shall not be affected by delayed, partial, or omitted exercise of any right, remedy, power, or privilege, nor shall such exercise or any single exercise preclude or impair any further exercise under this clause or the exercise of any other right, power, or privilege of the Government.

(j) Financing payments to subcontractors. The financing payments to subcontractors mentioned in paragraphs (a) (1) and (a) (2) of this clause shall be all financing payments to subcontractors or divisions, if the following conditions are met:

(1) The amounts included are limited to --

i. The unliquidated remainder of financing payments made; plus

ii. Any unpaid subcontractor requests for financing payments.

(2) The subcontract or interdivisional order is expected to involve a minimum of approximately 6 months between the beginning of work and the first delivery, or, if the subcontractor is a small business concern, 4 months.

(3) If the financing payments are in the form of progress payments, the terms of the subcontract or interdivisional order concerning progress payments

(i) Are substantially similar to the terms of the clause for any subcontractor that is a large business concern, or that clause with its Alternate I for any subcontractor that is a small business concern;

(ii) Are at least as favorable to the Government as the terms of this clause;

(iii) Are not more favorable to the subcontractor or division than the terms of this clause are to the Contractor;

(iv) Are in conformance with the requirements of FAR 32.504(e); and

(v) Subordinate all subcontractor rights concerning property to which the Government has title under the subcontract to the Government's right to require delivery of the property to the Government if --

A. The Contractor defaults; or

B. The subcontractor becomes bankrupt or insolvent.

(4) If the financing payments are in the form of performance-based payments, the terms of the subcontract or interdivisional order concerning payments--

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(i) Are substantially similar to the Performance-Based Payments clause at FAR 52.232-32 and meet the criteria for, and definition of, performance-based payments in FAR Part 32;

(ii) Are in conformance with the requirements of FAR 32.504(f); and

(iii) Subordinate all subcontractor rights concerning property to which the Government has title under the subcontract to the Government's right to require delivery of the property to the Government if--

(A) The Contractor defaults; or

(B) The subcontractor becomes bankrupt or insolvent.

(5) If the financing payments are in the form of commercial item financing payments, the terms of the subcontract or interdivisional order concerning payments

(i) Are constructed in accordance with FAR 32.206(c) and included in a subcontract for a commercial item purchase that meets the definition and standards for acquisition of commercial items in FAR Part 2 and 12;

(ii) Are in conformance with the requirements of FAR 32.504(g); and

(iii) Subordinate all subcontractor rights concerning property to which the Government has title under the subcontract to the Government's right to require delivery of the property to the Government if--

A. The Contractor defaults; or

B. The subcontractor becomes bankrupt or insolvent.

(6) If financing is in the form of progress payments, the progress payment rate in the subcontract is the customary rate used by the contracting agency, depending on whether the subcontractor is or is not a small business concern.

(7) Concerning any proceeds received by the Government for property to which title has vested in the Government under the subcontract terms, the parties agree that the proceeds shall be applied to reducing any unliquidated financing payments by the Government to the Contractor under this contract.

(8) If no unliquidated financing payments to the Contractor remain, but there are unliquidated financing payments that the Contractor has made to any subcontractor, the Contractor shall be subrogated to all the rights the Government obtained through the terms required by this clause to be in any subcontract, as if all such rights had been assigned and transferred to the Contractor.

(9) To facilitate small business participation in subcontracting under this contract, the Contractor shall provide financing payments to small business concerns, in conformity with the standards for customary contract financing payments stated in Subpart 32.113. The Contractor shall not consider the need for such financing payments as a handicap or adverse factor in the award of subcontracts.

(j) Limitations on undefinitized contract actions. Notwithstanding any other progress payment provisions in this contract, progress payments may not exceed 80 percent of costs incurred on work accomplished under undefinitized contract actions. A contract action is any action resulting in a contract, as defined in Subpart 2.1, including contract modifications for additional supplies or services, but not including contract modifications that are within the scope and under the terms of the contract, such as contract modifications issued pursuant to the Changes clause, or funding and other administrative changes. This limitation shall apply to the costs incurred, as computed in accordance with paragraph (a) of this clause, and shall remain in effect until the contract action is definitized. Costs incurred which are subject to this limitation shall be segregated on Contractor progress payment requests and invoices from those costs eligible for higher progress payment rates. For purposes of progress payment liquidation, as described in paragraph (b) of this clause, progress payments for undefinitized contract actions shall be liquidated at 80 percent of the amount invoiced for work performed under the undefinitized contract action as long as the contract action remains undefinitized. The amount of unliquidated progress payments for undefinitized contract actions shall not exceed 80 percent of the maximum liability of the Government under the undefinitized contract action or such lower limit specified elsewhere in the contract. Separate limits may be specified for separate actions.

(k) Due date. The designated payment office will make progress payments on the 30th day after the designated billing office receives proper progress payment request. In the event that the Government requires an audit or other review of a specific progress payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make a payment by the specified due date. Progress payments are considered contract financing and are not subject to the interest penalty provisions of the Prompt Payment Act.

(l) Progress payments under indefinite delivery contracts. The Contractor shall account for and submit progress payment requests under individual orders as if the order constituted a separate contract, unless otherwise specified in this contract.

(End of Clause)

52.232-4506 PROGRESS PAYMENT LIMITATION

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Prior to first article approval, only costs incurred for the first article, or those authorized in writing by the contracting officer, are allowable for progress payments; however, such payments shall not exceed ten percent (10%) of the initial award value of the contract.

(End of clause)

52.243-7 NOTIFICATION OF CHANGES

(a) Definitions. Contracting Officer, as used in this clause, does not include any representative of the Contracting Officer.

Specifically Authorized Representative (SAR), as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing promptly within 14 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state --

(1) The date, nature, and circumstances of the conduct regarded as a change;
(2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
(3) The identification of any documents and the substance of any oral communication involved in such conduct;
(4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
(5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including --

(i) What contract line items have been or may be affected by the alleged change;
(ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
(iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change; (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
(6) The Contractors estimate of the time by which the Government must respond to the Contractors notice to minimize cost, delay or disruption of performance.

(c) Continued performance. Following submission of the notice required by paragraph (b) of this clause, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in paragraph (b) of this clause, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing promptly and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall promptly countermand any action which exceeds the authority of the SAR.

(d) Governments response. The Contracting Officer shall promptly within 14 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either --

(1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;
(2) Countermand any communication regarded as a change;
(3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
(4) In the event the Contractors notice information is inadequate to make a decision under subparagraphs (d) (1), (2), or (3) of this clause, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.

(e) Equitable adjustments.

(1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractors cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made --
(i) In the contract price or delivery schedule or both; and
(ii) In such other provisions of the contract as may be affected.

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(2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractors failure to provide notice or to continue performance as provided, respectively, in paragraphs (b) and (c) of this clause.

NOTE: The phrases contract price and cost wherever they appear in the clause, may be appropriately modified to apply to cost reimbursement or incentive contracts, or to combinations thereof.

(End of Clause)

52.246-17 WARRANTY OF SUPPLIES OF A NON-COMPLEX NATURE JUN/2003

(a) Definitions. As used in this clause--

Acceptance means the act of an authorized representative of the Government by which the Government assumes for itself, or as an agent of another, ownership of existing supplies, or approves specific services as partial or complete performance of the contract.

Supplies means the end items furnished by the Contractor and related services required under the contract. The word does not include data.

(b) Contractors obligations.

(1) Notwithstanding inspection and acceptance by the Government of supplies furnished under this contract, or any condition of this contract concerning the conclusiveness thereof, the Contractor warrants that for 1095 days after acceptance

(i) All supplies furnished under this contract will be free from defects in material or workmanship and will conform with all requirements of this contract; and

(ii) The preservation, packaging, packing, and marking, and the preparation for, and method of, shipment of such supplies will conform with the requirements of this contract.

(2) When return, correction, or replacement is required, transportation charges and responsibility for the supplies while in transit shall be borne by the Contractor. However, the Contractors liability for the transportation charges shall not exceed an amount equal to the cost of transportation by the usual commercial method of shipment between the place of delivery specified in this contract and the Contractors plant, and return.

(3) Any supplies or parts thereof, corrected or furnished in replacement under this clause, shall also be subject to the terms of this clause to the same extent as supplies initially delivered. The warranty, with respect to supplies or parts thereof, shall be equal in duration to that in paragraph (b) (1) of this clause and shall run from the date of delivery of the corrected or replaced supplies.

(4) All implied warranties of merchantability and fitness for a particular purpose are excluded from any obligation contained in this contract.

(c) Remedies available to the Government.

(1) The Contracting Officer shall give written notice to the Contractor of any breach of warranties in paragraph (b) (1) of this clause within 120 days after discovery of defects.

(2) Within a reasonable time after the notice, the Contracting Officer may either --

(i) Require, by written notice, the prompt correction or replacement of any supplies or parts thereof (including preservation, packaging, packing, and marking) that do not conform with the requirements of this contract within the meaning of paragraph (b)(1) of this clause; or

(ii) Retain such supplies and reduce the contract price by an amount equitable under the circumstances.

(3)(i) If the contract provides for inspection of supplies by sampling procedures, conformance of supplies or components subject to warranty action shall be determined by the applicable sampling procedures in the contract. The Contracting Officer --

(A) May, for sampling purposes, group any supplies delivered under this contract;

(B) Shall require the size of the sample to be that required by sampling procedures specified in the contract for the quantity of supplies on which warranty action is proposed;

(C) May project warranty sampling results over supplies in the same shipment or other supplies contained in other shipments even though all of such supplies are not present at the point of reinsertion; provided, that the supplies remaining are reasonably representative of the quantity on which warranty action is proposed; and

(D) Need not use the same lot size as on original inspection or reconstitute the original inspection lots.

(ii) Within a reasonable time after notice of any breach of the warranties specified in paragraph (b) (1) of this clause, the Contracting Officer may exercise one or more of the following options:

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(A) Require an equitable adjustment in the contract price for any group of supplies.

(B) Screen the supplies grouped for warranty action under this clause at the Contractors expense and return all nonconforming supplies to the Contractor for correction or replacement.

(C) Require the Contractor to screen the supplies at locations designated by the Government within the contiguous United States and to correct or replace all nonconforming supplies.

(D) Return the supplies grouped for warranty action under this clause to the Contractor (irrespective of the f.o.b. point or the point of acceptance) for screening and correction or replacement.

(4)(i) The Contracting Officer may, by contract or otherwise, correct or replace the nonconforming supplies with similar supplies from another source and charge to the Contractor the cost occasioned to the Government thereby if the Contractor --

(A) Fails to make redelivery of the corrected or replaced supplies within the time established for their return; or

(B) Fails either to accept return of the nonconforming supplies or fails to make progress after their return to correct or replace them so as to endanger performance of the delivery schedule, and in either of these circumstances does not cure such failure within a period of 10 days (or such longer period as the Contracting Officer may authorize in writing) after receipt of notice from the Contracting Officer specifying such failure.

(ii) Instead of correction or replacement by the Government, the Contracting Officer may require an equitable adjustment of the contract price. In addition, if the Contractor fails to furnish timely disposition instructions, the Contracting Officer may dispose of the nonconforming supplies for the Contractors account in a reasonable manner. The Government is entitled to reimbursement from the Contractor, or from the proceeds of such disposal, for the reasonable expenses of the care and disposition of the nonconforming supplies, as well as for excess costs incurred or to be incurred.

(5) The rights and remedies of the Government provided in this clause are in addition to and do not limit any rights afforded to the Government by any other clause of this contract.

(End of Clause)

52.246-4535 AMMUNITION DATA CARDS AND REPORT OF CONTRACTOR BALLISTIC TESTING

(a) Ammunition Data Cards shall be prepared in accordance with MIL-STD-1168 and shall follow the format required by the World Wide Web application identified as WARP or Worldwide Ammunition-data Repository Program. Information provided in paragraphs 6.7 through 6.16 of MIL-STD-1168 shall be considered mandatory requirements where all instances of the term "should" are considered to be replaced with the word "shall." This shall also include, if required on the DD Form 1423, a Report of Contractor Lot Acceptance/Ballistic Testing and Acceptance and Description Sheets (for Propellants and Explosives). WARP will reside within the Munitions History Program (MHP). Additional details on these WARP applications are provided below.

(b) MHP-WARP Access Procedures

(1) Government or Contractor employee with CAC and AKO account:

(a) Click on the MHP hyperlink which is <https://mhp.redstone.army.mil/>

(b) Enter CAC PIN when prompted

(c) Click on WARP (ADC)

(d) Click on Help

(e) Click on WARP Request Access and follow instructions

(2) Contractor or Government employee without CAC and AKO account: MHP-WARP uses PKI authentication requiring a DoD approved digital certificate as a security measure to protect the integrity of stored data. There are three vendors that have been approved to issue DoD approved certificates per an External Certification Authority (ECA) program. You are required to use one of the approved vendors listed on the following DISA website:

<http://iase.disa.mil/pki/eca/index.html> a nominal fee is charged for each certificate. The Contractor, including any subcontractors, shall assume the responsibility for all costs of obtaining each digital certificate needed.

(3) After the required certificate is obtained:

(a) Click on the MHP-WARP hyperlink: <https://mhpwarp.redstone.army.mil/>

(b) Enter ECA password

(c) Click on Help and follow the instructions for obtaining the necessary access

(c) HELP Numbers are as follows:

MHP Access (256)313-2143; DSN 897-2143

JMC Quality Administrators for WARP issues (309)782-2697 or (309)782-7107

(d) Worldwide Ammunition-data Repository Program (WARP)

An online users manual will provide additional help in the development of an ammunition data card. It is recommended that you download and read the users manual prior to inputting your initial data card. The user's manual also contains screen shots, which depict what the inputter will see during the ADC input process.

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(e) Ammunition Data Card Input

ADC input allows current contractors and government facilities the capability to create, and submit for approval, ADCs which meet the format requirements of MIL-STD-1168. ADCs are automatically forwarded to the respective Government Agency Responsible for Acceptance (GARA). The GARA in most cases is the Defense Contract Management Agency (DCMA) Quality Assurance Representative (QAR), who reviews contractor input for accuracy and completeness, and after updating the disposition code for the specific lot, submits the ADC to the database. The inputter is granted access only to ADCs identified with its specific manufacturing code. The use of previously inputted ADCs through the TEMPLATE option significantly reduces input effort, while increasing accuracy and consistency of data.

(f) Email Notification

WARP provides immediate, automated notification to process participants when actions are required. When the contractor has completed an ADC submission, an email message is routed to the GARA advising that an ADC awaits review and approval. If the GARA approves the ADC as submitted, the ADC is released to the base and an email, with approved data card, is routed back to the originator. If the ADC requires modification or correction to conform with MIL-STD-1168 and contract requirements, an email is provided to the ADC originator advising that corrective action is required prior to approval.

(g) Information Updates

It is important that the System Administrators are apprised when a contractor receives a new contract. The contractor shall notify mailto:usarmy.ria.jmc.mbx.warp@mail.mil within 30 days after receipt of a new contract. Information to be included shall be the contract number, item, GARA, Manufacturer's identification symbol and the names of the individuals who will be inputting ADCs into the system. If you are a new contractor and do not have a Manufacturer's identification symbol, you can obtain one by sending an email to mailto:usarmy.ria.jmc.mbx.warp@mail.mil. The email must contain manufacturer's name, address where performance of the contract will take place, and a point of contact.

(h) Report of Contractor Ballistic/Function Testing Module

(1) In addition to its ADC function, WARP also serves as a repository for reports of contractor ballistic (or functional) testing. Whenever the contract requires contractor performance of ballistic testing, the results of such testing shall be captured by you, the performing contractor, within a specially designed Lot Acceptance Test Report (LATR) module.

(2) Within the LATR module, you are required to provide a report of any contractor ballistic/function testing and to submit the report in electronic format via the WWW. The report must be a .pdf file for the upload process to work.

(i) Acceptance and Description Sheets (for Propellants and Explosives) Module: The WARP application now contains an area for on-screen data entry capturing requirements per MIL-STD-1171 for Acceptance and Description Sheets with respect to contract specified Propellant, Chemical and Explosive constituents.

(End of clause)

52.246-4018 MEASUREMENT SYSTEM EVALUATION (MSE)

(a) Definitions. This paragraph defines specific terms utilized throughout the rest of the clause and in the accompanying Contract Data Requirements List (CDRL) and Data Item Description (DID) (DI-QCIC-81960). This aids in clarifying the MSE requirements to Government and contractor personnel.

(1) Acceptance Inspection Equipment (AIE). All equipment (includes AAIE defined below), special and standard, including dimensional gages, measuring equipment, test fixtures, electronic and physical test equipment, and other test equipment used for examination and test of a product to determine conformance to the Technical Data Package (TDP) which may include drawings and specifications (e.g., Detail, Performance, Weapon specifications, and QAPs).

(2) Automated Acceptance Inspection Equipment (AAIE). AIE in which the inspection and acceptance determination of the product is performed, in whole or in part, in an automatic manner.

(3) Contractor Inspection Equipment. Government-approved equipment utilized by the contractor to perform examination and tests to assure conformance to contract requirements.

(4) Commercial Inspection Equipment. Industry-developed inspection equipment of universal application, without limitations to a specific part or item, which is advertised or cataloged as available to the trade or to the public on an unrestricted basis at an established price. Examples follow:

(i) Standard Test Equipment. Multiusage equipment that is specific to a function rather than to an item. It includes such items as hardness testers, tensile strength testers, meters, weighing devices, standard gear testers, ohmmeters, voltmeters, and oscilloscopes.

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(ii) Standard Measuring Equipment (SME). Multipurpose equipment and standards used for performing measurements. It includes such items as micrometers, rulers, tapes, height gages, and protractors, etc. Standards include visual inspection equipment such as scratch and dig standards, surface finish comparator, color standards (FED-STD-595), etc.

(5) Nondestructive Testing. The development and application of technical methods to examine materials or components in ways that do not impair future usefulness and serviceability in order to detect, locate, measure and evaluate flaws; to assess integrity, properties and composition; and to measure geometrical characteristics. NDT includes Radiography/Radioscopic, Ultrasonic, Eddy Current, Magnetic Particle, and Liquid Penetrant.

(6) Measurement System Analysis (MSA). Per ASTM E2782 (Standard Guide for MSA), paragraph 3.1.7, MSA is any of a number of specialized methods useful for studying a measurement system and its properties.

(b) Scope. This clause establishes requirements for design, supply, performance, and maintenance of AIE used for product inspection and acceptance. In addition, this clause establishes requirements for the preparation, submission, and approval of AIE documentation.

(c) AIE. The contractor shall provide all AIE necessary to ensure conformance of components and end-items to contract requirements. AIE shall include inspection, measuring, and test equipment whether Government furnished or contractor furnished (including commercially acquired) along with the necessary specifications and procedures for their use (see ISO 10012, paragraph 6.2.1). The AIE shall not create or conceal defects on the product being inspected. All AIE documentation shall contain sufficient information to permit evaluation of the AIEs ability to test, verify, and/or measure the applicable characteristics or parameters (see DI-QCIC-81960).

(d) AIE Designs & Government Furnished Gages. AIE designs are of two types Government designs (see (d) (1)) and contractor designs (see (d) (2)). When applicable, Government designs or Government furnished gages are designated in the TDP/contract; responsibility for all other AIE is assigned to the contractor. The designs, associated inspection procedures, and theory of operation shall have the level of detail to demonstrate capability of the proposed AIE to perform the required inspection.

(1) Government AIE Designs. Government AIE designs may consist of detailed drawings necessary for the fabrication and use of the AIE. Unless otherwise specified, the contractor may submit alternate or modified contractor designs of Government AIE designs.

(2) Contractor AIE Designs. Contractor AIE design drawings shall meet the requirements of ASME Y14.100, ASME Y14.5 and ASME Y14.43 and may include commercial inspection equipment. [Commercial inspection equipment is defined as shown in paragraph (a) (4) above. It shall be fully described by catalog listings or other means which provide sufficient information to permit identification and evaluation by the Government and may include illustrations and engineering data.] Designs shall be submitted for any special fixture(s) to be used. Unless otherwise specified, Gage Tolerancing Policy shall be in accordance with ASME Y14.43, Absolute Tolerancing (Pessimistic Tolerancing).

(3) Visual Inspection. Visual inspection standards used for the acceptance/rejection of product shall be submitted for approval.

(e) AIE Package Submittals. The contractor shall prepare the AIE package submittal in accordance with DI-QCIC-81960 in the applicable Contract Data Requirements List (CDRL DD Form 1423). In addition, the contractor shall adhere to the following requirements:

(1) Designs for Approval. Contractor designs and/or the submission for the use of Government designs shall be approved by the Government. Partial submission of AIE designs is permissible in order to expedite the approval process; however, the response date for design review will be based on the date of the final complete submission of designs.

(2) Correspondence in English. The contractor shall ensure all AIE correspondence and documentation are submitted in English.

(3) Units of Measurement. The units of measurement within the AIE package submittal shall be consistent with the requirements of the Technical Data Package (TDP).

(4) AIE Flow Down. The contractor shall flow down AIE requirements to sub-contractors at any tier who are performing acceptance inspections.

(f) Characteristics for Inspection. AIE documentation for Critical, Special, and Major characteristic inspections shall be submitted to the Government for approval in accordance with (IAW) the CDRL (DI-QCIC-81960). AIE for Minor characteristic inspections shall be submitted to the Government for approval IAW CDRL (DI-QCIC-81960) and as required below:

(1) Listed Minor (characteristics displayed on specifications and/or drawings)

(2) Government selected list (as attached or as provided herein)

(3) Not submitted

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(g) Automated Acceptance Inspection Equipment. The AAIE shall accept only conforming material. All characteristics requiring AAIE per the TDP shall utilize inspection equipment with a minimum demonstrated reliability of 99.8% at a 90% confidence level to detect nonconforming material unless otherwise specified below.

(1) Reliability of 99.8 % at a 90_% Confidence Level for Critical/Special Characteristics

(2) Reliability of 98.0 % at a 90_% Confidence Level for Major Characteristics

(3) For inspection of major and minor characteristics where contractor utilizes AAIE when it is not required by the TDP, the AAIE package shall be submitted to the Government for approval. If the Minor characteristic is not listed in paragraph (f) (2) or not required for submittal in paragraph (f) (3), then the AAIE requirements (e.g., verification, calibration, prove-out, etc.) of the inspection shall still be performed.

(4) All AAIE packages submitted to the Government for approval shall be in accordance with MIL-A-70625 (Automated Acceptance Inspection Equipment Design, Testing and Approval of). Furthermore, the contractor shall be responsible for producing the acceptance and rejection verification standards/masters representative of the characteristics the AAIE is designed to inspect. The verification standards and frequency of use require Government approval prior to use. When verification standards are used for the VL-VII sampling plan per MIL-STD-1916 paragraph 4.4, verification standards and frequency of use shall require Government approval prior to use.

(5) If the AAIE accepts a critical characteristic reject standard the contractor shall notify the Government and act in accordance with paragraph (f) of the Critical Characteristic Control Clause. In addition, if the AAIE accepts a major and/or minor characteristic reject standard the contractor shall act in accordance with paragraph 8.3 of ISO 10012 or paragraph 5.2.3 of ANSI/NCSL Z540.3.

(6) All AAIE shall be required to pass a Government-approved Acceptance (Prove-Out) Test. The contractor shall conduct this test per the approved test plan and shall submit a test analysis report for approval. See applicable CDRL (DI-QCIC-81960). This test shall be performed at the contractors facilities whose manufacturing system has had the AAIE fully integrated and calibrated as per paragraph (j) of this clause. The contractor shall allow Government personnel access to this facility and unobstructed monitoring of this test.

(7) The contractor shall notify the Government prior to a modification and/or relocation of the Government-approved AAIE. The modified AAIE designs shall be submitted for approval. The modified and/or relocated AAIE shall require submission of the acceptance test plan (prove-out) and results for review and approval prior to use. The modified and/or relocated AAIE shall be in accordance with paragraphs (g) (1) - (g) (6).

(h) Measurement System Analysis (MSA). The contractor is responsible to ensure all AIE is, at a minimum, stable, repeatable, and reproducible for all characteristics. Refer to ASTM E2782 and/or AIAG MSA for guidance. The contractor shall provide objective evidence, including the MSA assessment plan, associated data, and analysis, which demonstrates the AIE is, at a minimum, stable, repeatable, and reproducible for the following characteristics (MSA CDRL):

Specification Paragraph No. Drawing Characteristic

 N/A N/A N/A N/A

Approval of submitted MSA(s) must be granted before the corresponding AIE can be used or continue to be used for acceptance of product. If at any time following approval of the AIE and MSA the AIE is disapproved, then the MSA shall be disapproved. After the resubmitted AIE is approved, the MSA shall be conducted on the approved AIE and resubmitted for approval. (i) Robust AIE System. The contractor shall ensure the AIE and its use is not negatively affected by any manufacturing/inspection environmental stimuli including, but not limited to production rate, noise, temperature, humidity, and vibration.

(j) AIE Calibration and Verification. The calibration system shall be in accordance with ISO 10012 or ANSI/NCSL Z540.3. All AIE shall be subjected to scheduled calibration intervals to ensure that the equipment will accept only conforming product and reject all nonconforming product for the duration of the approved calibration period. AIE shall be subjected to periodic verification to ensure that the equipment will continue to accept and reject product with the same consistency as it did at the time of its previous calibration.

(k) Non-Destructive Testing (NDT). Contractor shall submit detailed plans for qualifying and certifying NDT personnel and plans for qualification and ongoing use of NDT methods used for inspecting product. If re-qualification of NDT personnel and/or NDT methods is required, then the applicable plans shall be submitted.

(1) Personnel performing NDT examinations shall be qualified and certified in accordance with the standard practices prescribed by NAS 410 (NAS Certification & Qualification of NDT Personnel), ANSI/ASNT-CP-189 (ASNT Standard for Qualification and Certification of NDT Personnel), or SNT-TC-1A (Recommended Practice for Personnel Qualification and Certification in NDT), and additional procedures that may be identified by the Government. Acceptance of product using NDT shall be performed by personnel at a level of qualification consistent with that defined in the applicable standard.

(2) The NDT method(s) shall be applied in accordance with ASTM E 543 (Standard Specification for Agencies Performing Nondestructive Testing) and the current nationally recognized standard practices appropriate to the NDT method(s) employed, such as ASTM E-1742 (Standard Practice for Radiographic Examination) and SAE-AMS-STD-2154

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(Inspection, Ultrasonic, Wrought Metals, Process For). Each application technique shall identify the standard(s) utilized. Non-destructive testing includes, but is not limited to, the following types of testing: Radiography/Radioscopic, Ultrasonic, Eddy Current, Magnetic Particle, and Liquid Penetrant.

(l) Contractor Alternate Inspection Method(s), Modifications and/or Relocation of AIE (Non-Automated) After Government Approval. If the contractor proposes an alternate inspection method and/or modifies the AIE design(s) affecting hardware, software, or procedures after Government approval the intended change(s) shall be submitted to and approved by the Government prior to implementation. If an AIE is relocated and the relocation risks the integrity of the inspection system, notify the Government to determine information needed to assess impact to AIE. See CDRL (DI-QCIC-81960).

(m) Responsibility for AIE Package Submittal. The contractor shall submit the AIE design documentation package within contractual timeframes per CDRL (DI-QCIC-81960). The Government will provide approval or disapproval within the timeframe specified in the CDRL. Disapproval of the AIE package will require re-submittal and subsequent Government review in accordance with the CDRL requirements. The AIE package and any required prove-outs must be approved prior to First Article (FA) (if required) or production start-up if FA is not required.

(n) Governments Right to Disapprove AIE. The Government reserves the right to revoke approval of any AIE that is not satisfying the required acceptance criteria at any time during the performance of this contract. See CDRL (DI-QCIC-81960).

(o) Navy Furnished Gages. When gages are listed in paragraph (o) (9) below, the Navy Special Interface Gage (NSIG) Requirement paragraphs (o) (1) (o) (8) shall be satisfied.

(1) The NSIG(s) are provided for verification of selected interface dimensions and do not constitute sole acceptance criteria of production items or relieve the contractor of meeting all drawing/specification requirements under the contract.

(2) The contractor is responsible for contacting the Naval Surface Warfare Center (NSWC), Corona Division at least 45 days prior to FAT (if required) or production, for the delivery of NSIG(s).

(3) NSIG(s) will be forwarded to the contractor for joint use by the Government and the contractor. Government furnished NSIG(s) shall not be used by the contractor(s) or subcontractor(s) as in-process or working gage(s).

(4) For production items that fail to be accepted by the applicable NSIG(s), an alternate inspection method may be submitted for approval.

(5) The contractor may substitute contractor designed and built AIE for the NSIG(s) noted in paragraph (o) (9) below. However, the designs require Government (Navy) approval and the contractor AIE hardware requires Government (Navy) certification. AIE designs shall be submitted in accordance with CDRL (DI-QCIC-81960).

(6) The Government (Navy) shall not be responsible for discrepancies or delays in production items resulting through misuse, damage or excessive wear to the NSIG(s).

(7) Calibration and repair of the NSIG(s) shall only be performed as authorized by the NSWC Corona Division. Repair is at no cost to the contractor unless repair is required due to damage to the gages resulting from contractor fault or negligence. Damaged, worn, or otherwise unserviceable NSIG(s) shall be brought to the immediate attention of the CAO and NSWC Corona Division. The contractor shall not make any adjustments, alterations or add permanent markings to NSIG(s) hardware unless specified by the NSIG operating instructions or authorized by the NSWC Corona Division.

(8) Within 45 calendar days after final acceptance of all production items, the NSIG(s) shall be shipped to NSWC Corona Division, ATTN: Receiving Officer, Bldg 575, Gage Laboratory, and 1999 Fourth St., Norco, CA 92860-1915. The following shipping and marking specifications are applicable:

(i) Shipping, MIL-STD-2073, "DOD Standard Practice for Military Packaging".

(ii) Marking, MIL-STD-129, "Marking for Shipment and Storage".

(9) The following NSIG(s) shall be provided and are mandatory for use except as noted by paragraph (o) (5) above.

Drawing	Rev	Characteristic	NSIG No.	Qty	Dimensions	Weight	Value		
N/A	N/A	_N/A_	_____	_N/A_	N/A	_N/A_	_____	_N/A_	_N/A_

(End of clause)

52.247-4504 TRANSPORTATION SECURITY REQUIREMENTS

(a) Supplies procured or furnished under this contract/subcontract, which are qualified as sensitive in accordance with DOD 5100.76-M (Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives), or are shipped as DOT Hazard Class 1 Explosives 1.1F, require special Transportation Protective Service (TPS) during shipment from all points of origin to all destinations. TPS will be equivalent to the DOD security standard for the applicable sensitive category or explosive class identified under DOD 5100.76-M and DOD 4500.9R, Defense Transportation Regulation, parts II and III, as added to or amended by applicable military service policies in accordance with guidance provided by Defense Logistics Agency (DLA)/Defense Contract Management Agency (DCMA).

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(b) Shipper's Defense Contract Management District/Area Operations (DCMD/DCMAO) transportation offices will furnish assistance in providing the sensitive category of items to be shipped, determining the TPS required, and obtaining the TPS from commercial carriers as necessary.

(c) This clause must be entered in all contracts/subcontracts at any tier.
(End of Clause)

52.247-33 F.O.B. ORIGIN, WITH DIFFERENTIALS

(a) The term f.o.b. origin, with differentials, as used in this clause, means --

(1) Free of expense to the Government delivered --

(i) On board the indicated type of conveyance of the carrier (or of the Government, if specified) at a designated point in the city, county, and State from which the shipments will be made and from which line-haul transportation service (as distinguished from switching, local drayage, or other terminal service) will begin;

(ii) To, and placed on, the carriers wharf (at shipside, within reach of the ships loading tackle, when the shipping point is within a port area having water transportation service) or the carriers freight station;

(iii) To a U.S. Postal Service facility; or

(iv) If stated in the solicitation, to any Government-designated point located within the same city or commercial zone as the f.o.b. origin point specified in the contract (the Federal Motor Carrier Safety Administration prescribes commercial zones at Subpart B of 49 CFR part 372); and

(2) Differentials for mode of transportation, type of vehicle, or place of delivery as indicated in Contractors offer may be added to the contract price.

(b) The Contractor shall --

(1) (i) Pack and mark the shipment to comply with contract specification; or

(ii) In the absence of specifications, prepare the shipment in conformance with carrier requirements to protect the goods and to ensure assessment of the lowest applicable transportation charge;

(2) (i) Order specified carrier equipment when requested by the Government; or

(ii) If not specified, order appropriate carrier equipment not in excess of capacity to accommodate shipment;

(3) Deliver the shipment in good order and condition to the carrier, and load, stow, trim, block, and/or brace carload or truckload shipment (when loaded by the Contractor) on or in the carriers conveyance as required by carrier rules and regulations;

(4) Be responsible for any loss of and/or damage to the goods --

(i) Occurring before delivery to the carrier;

(ii) Resulting from improper packing and marking; or

(iii) Resulting from improper loading, stowing, blocking, and/or bracing of the shipment, if loaded by the Contractor on or in the carriers conveyance;

(5) Complete the Government bill of lading supplied by the ordering agency or, when a Government bill of lading is not supplied, prepare a commercial bill of lading or other transportation receipt. The bill of lading shall show --

(i) A description of the shipment in terms of the governing freight classification or tariff (or Government rate tender) under which lowest freight rates are applicable;

(ii) The seals affixed to the conveyance with their serial numbers or other identification;

(iii) Lengths and capacities of cars or trucks ordered and furnished;

(iv) Other pertinent information required to effect prompt delivery to the consignee, including name, delivery address, postal address and ZIP code of consignee, routing, etc.;

(v) Special instructions or annotations requested by the ordering agency for commercial bills of lading; e.g., This shipment is the property of, and the freight charges paid to the carrier(s) will be reimbursed by, the Government; and

(vi) The signature of the carriers agent and the date the shipment is received by the carrier; and

(6) Distribute the copies of the bill of lading, or other transportation receipts, as directed by the ordering agency.

(c) (1) It may be advantageous to the offeror to submit f.o.b. origin prices that include only the lowest cost to the Contractor for loading of shipment at the Contractors plant or most favorable shipping point. The cost beyond that plant or point of bringing the supplies to the place of delivery and the cost of loading, blocking, and bracing on the type vehicle specified by the Government at the time of shipment may exceed the offerors lowest cost when the offeror ships for the offerors account. Accordingly, the offeror may indicate differentials that may be added to the offered price. These differentials shall be expressed as a rate in cents for each 100 pounds (CWT) of the supplies for one or more of the options under this clause that the Government may specify at the time of shipment.

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(2) These differential(s) will be considered in the evaluation of offers to determine the lowest overall cost to the Government. If, at the time of shipment, the Government specifies a mode of transportation, type of vehicle, or place of delivery for which the offeror has set forth a differential, the Contractor shall include the total of such differential costs (the applicable differential multiplied by the actual weight) as a separate reimbursable item on the Contractors invoice for the supplies.

(3) The Government shall have the option of performing or arranging at its own expense any transportation from Contractors shipping plant or point to carriers facility at the time of shipment and, whenever this option is exercised, the Government shall make no reimbursement based on a quoted differential.

(4) Offerors differentials in cents for each 100 pounds for optional mode of transportation, types of vehicle, transportation within a mode, or place of delivery, specified by the Government at the time of shipment and not included in the f.o.b. origin price indicated in the Schedule by the offeror, are as follows:

___N/A___ (carload, truckload, less-load,

___N/A___ wharf, flatcar, driveway, etc.)

(End of Clause)

52.247-4531 COGNIZANT TRANSPORTATION OFFICER

(a) The contract administration office designated at the time of contract award, or the office servicing the point of shipment if subsequently designated by the original office, will be the contact point to which the contractor will:

(1) Submit, as necessary, DD Form 1659, Application for U.S. Government Shipping Documentation/Instructions (Government Bill(s) of Lading/Export or FMS Shipment), in triplicate at least ten days prior to date supplies will be available for shipment;

(2) Obtain shipping instructions as necessary for F.O.B. Destination delivery, and

(3) Furnish necessary information for MILSTRIP/MILSTAMP or other shipment documentation and movement control, including air and water terminal clearances.

(4) For FMS, at least ten days in advance of actual shipping date the contractor should request verification of "Ship to" and "Notification" address from the appropriate DCMAO.

(b) The contract administration office will provide to the contractor data necessary for shipment marking and freight routing.

(c) The contractor shall not ship directly to a Military air or water port terminal without authorization by the designated point of contact.

(End of clause)

52.247-4551 SPECIAL TRANSPORT/LOADING REQUIREMENTS (HAZARDOUS)

(a) In addition to requirements set forth under General Provision, "Loading, Bracing, and Blocking of Freight Car Shipments," rail shipments will be loaded, blocked and braced in accordance with rules and methods contained in the current editions of Uniform Freight Classification, Association of American Railroads Pamphlet No. 14, Circular 42G and Rules Governing Loading of Commodities on Open Top Cars, Bureau of Explosives Tariff No. BOE 6000 publishing Hazardous Materials Regulations of the Department of Transportation, and Bureau of Explosives Pamphlets No. 6, 6A as applicable. Uniform Freight Classification may be procured from the regulatory classification agent covering territory from which shipment will be made. AAR Pamphlet, Circular and Rules may be procured from the Bureau of Explosives, 59 E. Van Buren St., Chicago, IL 60605. Bureau of Explosives Tariff No. BOE 6000 and Bureau of Explosives pamphlets may be procured from the Bureau of Explosives, Association of American Railroads, and 1920 L Street, Washington, D.C. 20036. U.S. Army Defense Ammunition Center and School (USADAC) approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is specifically applicable to rail loading, blocking and bracing of this item and may be secured by the Contracting Officer or the Defense Contract Management Agency (DCMA).

(b) Truck shipments will be loaded, blocked and braced in accordance with rules and methods contained in the current editions of National Motor Freight Classification and American Trucking Association, Inc., Motor Carrier's Explosives and Dangerous Articles Tariff, as applicable and effective at the time of shipment. These publications may be procured from the American Trucking Association, Inc., Tariff Order Section, 1616 P St., N.W., Washington, D.C. 20036. USADACS approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is specifically applicable to motor, loading, blocking and bracing of this item and can be secured from the Contracting Officer or DCMA.

(c) TOFC "Piggyback" shipments will be loaded, blocked and braced in accordance with Bureau of Explosives Pamphlet No. 6C or AAR Circular No. 43, copies may be obtained from addresses given in para (a) above. USADAC approved drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components is

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specifically applicable to loading, blocking and bracing for TOFC shipments and may be obtained from the Contracting Officer or DCMA.

(d) Container shipments will be loaded, blocked and braced in accordance with USADAC drawings contained within Index of U.S. Army Unitization, Storage and Outloading Drawings for Ammunition and Components which is specifically applicable to loading, blocking and bracing of container shipments and may be secured from the Contracting Officer or the DCMA.

(e) Except as the carrier(s) may be liable, the contractor shall be liable to the Government for any loss or damage resulting from improper loading and/or furnishing and installing dunnage material by the contractor for shipments to be made under this contract.

(End of clause)

52.247-60 GUARANTEED SHIPPING CHARACTERISTICS

(a) The offeror is requested to complete subparagraph (a) (1) of this clause, for each part or component which is packed or packaged separately. This information will be used to determine transportation costs for evaluation purposes. If the offeror does not furnish sufficient data in subparagraph (a) (1) of this clause, to permit determination by the Government of the item shipping costs, evaluation will be based on the shipping characteristics submitted by the offeror whose offer produces the highest transportation costs or in the absence thereof, by the Contracting Officers best estimate of the actual transportation costs. If the item shipping costs, based on the actual shipping characteristics, exceed the item shipping costs used for evaluation purposes, the Contractor agrees that the contract price shall be reduced by an amount equal to the difference between the transportation costs actually incurred, and the costs which would have been incurred if the evaluated shipping characteristics had been accurate.

(1) To be completed by the offeror:

- (i) Type of container: Wood Box ____, Fiber Box ____, Barrel ____, Reel ____, Drum ____, Other (Specify) _____;
- (ii) Shipping configuration: Knocked-down ____, Set-up ____, Nested ____, other (specify) _____;
- (iii) Size of container: ____ (Length), x ____ (Width), x ____ (Height) = ____ Cubic Ft;
- (iv) Number of items per container _____ each;
- (v) Gross weight of container and contents ____ Lbs;
- (vi) Palletized/skidded ___ Yes ___ No;
- (vii) Number of containers per pallet/skid _____;
- (viii) Weight of empty pallet bottom/skid and sides _____ Lbs;
- (ix) Size of pallet/skid and contents _____ Lbs Cube _____;
- (x) Number of containers or pallets/skids per railcar _____ *
Size of railcar _____
Type of railcar _____
- (xi) Number of containers or pallets/skids per trailer _____ *
Size of trailer _____ Ft
Type of trailer _____

* Number of complete units (contract line item) to be shipped in carriers equipment.

(2) To be completed by the Government after evaluation but before contract award:

- (i) Rate used in evaluation _____;
- (ii) Tender/Tariff _____;
- (iii) Item _____.

(b) The guaranteed shipping characteristics requested in subparagraph (a) (1) of this clause do not establish actual transportation requirements, which are specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the purpose of evaluating offers and establishing any liability of the successful offeror for increased transportation costs resulting from actual shipping characteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause.

(End of Clause)

52.248-4502 CONFIGURATION MANAGEMENT DOCUMENTATION

(a) The contractor may submit Engineering Change Proposals (ECPs) and Requests for Variance (RFVs) for the requirements in the Government provided Technical Data Package (TDP). The contractor shall prepare and submit ECPs, Notices of Revision (NORs), and RFVs as required by the accompanying DD Form 1423, Contract Data Requirements List (CDRL). If a Value Engineering Change Proposal (VECP) clause is included on this contract, VECPs shall be submitted in the same manner as ECPs.

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(1) ECPs - The contractor may request a permanent change to the requirements specified in the TDP or any other baseline documentation by submitting an ECP. ECPs shall be submitted to include all NORs necessary to completely define the requested change. Each ECP shall be accompanied with at least one NOR per affected document. The contractor shall not present any production items for acceptance incorporating any change to the TDP or other baseline documentation until notified by the Government the ECP has been approved and incorporated in the contract.

(i) Page 1 of DD Form 1692 (or equivalent) shall be submitted for all ECPs. Pages 2-7 of DD Form 1692 shall be submitted when required to properly explain all the potential logistics and technical impacts of the proposed change. DD Form 1695 NOR (or equivalent) shall be submitted to completely describe the desired change on each affected document.

(ii) All ECPs submitted by the contractor will be routine priority unless otherwise justified. If the contractor considers the ECP to be emergency or urgent, they shall include justification within 48 hours of submittal of the ECP.

(2) RFVs - The contractor may request to temporarily depart from a requirement specified in the TDP or any other baseline documentation, by submitting an RFV. RFVs may be submitted either pre-production (formerly known as Request for Deviation (RFD)) or postproduction and prior to acceptance by the Government (formerly known as Request for Waiver (RFW)). DD Form 1694 (or equivalent) shall be submitted for all RFVs. The contractor shall not present any production items for acceptance with any nonconformance to the requirements in the TDP or other baseline documentation until notified by the Government the RFV has been approved and incorporated in the contract.

(b) Submission of requested changes - The submission of an ECP or RFV by the Contractor does not affect the required delivery dates specified within the contract, shall not constitute excusable delay in the performance of this Contract by the Contractor or in any way relieve the contractor from compliance with the contract delivery schedule. If a delivery date change is needed, it must be negotiated with the Contracting Officer and documented via modification to the contract. The submission of an ECP and/or RFV by the Contractor shall not preclude the Government from exercising its rights under any clause of the Contract.

(c) Specifications - Permanent proposed changes to specifications which are part of the TDP or baseline documentation shall be requested with an ECP and NOR (i.e. Specification Change Notices (SCNs) are not required).

(End of clause)

252.204-7012 SAFEGUARDING COVERED DEFENSE INFORMATION AND CYBER INCIDENT REPORTING

(a) Definitions. As used in this clause--

"Adequate security" means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

"Compromise" means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

"Contractor attributional/proprietary information" means information that identifies the contractor(s), whether directly or indirectly, by the grouping of information that can be traced back to the contractor(s) (e.g., program description, facility locations), personally identifiable information, as well as trade secrets, commercial or financial information, or other commercially sensitive information that is not customarily shared outside of the company.

"Contractor information system" means an information system belonging to, or operated by or for, the Contractor.

"Controlled technical information" means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

"Covered contractor information system" means an information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

Covered defense information means unclassified information that--

(i) Is--

(A) Provided to the contractor by or on behalf of DoD in connection with the performance of the contract; or

(B) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract; and

(ii) Falls in any of the following categories:

(A) Controlled technical information.

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(B) Critical information (operations security). Specific facts identified through the Operations Security process about friendly intentions, capabilities, and activities vitally needed by adversaries for them to plan and act effectively so as to guarantee failure or unacceptable consequences for friendly mission accomplishment (part of Operations Security process).

(C) Export control. Unclassified information concerning certain items, commodities, technology, software, or other information whose export could reasonably be expected to adversely affect the United States national security and nonproliferation objectives. To include dual use items; items identified in export administration regulations, international traffic in arms regulations and munitions list; license applications; and sensitive nuclear technology information.

(D) Any other information, marked or otherwise identified in the contract, that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Government wide policies (e.g., privacy, proprietary business information).

"Cyber incident" means actions taken through the use of computer networks that result in an actual or potentially adverse effect on an information system and/or the information residing therein.

"Forensic analysis" means the practice of gathering, retaining, and analyzing computer-related data for investigative purposes in a manner that maintains the integrity of the data.

"Malicious software" means computer software or firmware intended to perform an unauthorized process that will have adverse impact on the confidentiality, integrity, or availability of an information system. This definition includes a virus, worm, Trojan horse, or other code-based entity that infects a host, as well as spyware and some forms of adware.

"Media" means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which information is recorded, stored, or printed within an information system.

"Operationally critical support" means supplies or services designated by the Government as critical for airlift, sealift, intermodal transportation services, or logistical support that is essential to the mobilization, deployment, or sustainment of the Armed Forces in a contingency operation.

"Rapid(ly) report(ing)" means within 72 hours of discovery of any cyber incident.

"Technical information" means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013,

Rights in Technical Data-Non Commercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract.

Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) Adequate security. The Contractor shall provide adequate security for all covered defense information on all covered contractor information systems that support the performance of work under this contract. To provide adequate security, the Contractor shall

(1) Implement information systems security protections on all covered contractor information systems including, at a minimum--

(i) For covered contractor information systems that are part of an Information Technology (IT) service or system operated on behalf of the Government--

(A) Cloud computing services shall be subject to the security requirements specified in the clause 252.239-7010, Cloud Computing Services, of this contract; and

(B) Any other such IT service or system (i.e., other than cloud computing) shall be subject to the security requirements specified elsewhere in this contract; or

(ii) For covered contractor information systems that are not part of an IT service or system operated on behalf of the Government and therefore are not subject to the security requirement specified at paragraph (b)(1)(i) of this clause--

(A) The security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, "Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations," (see <http://dx.doi.org/10.6028/NIST.SP.800-171>) that is in effect at the time the solicitation is issued or as authorized by the Contracting Officer with the exception of the derived security requirement 3.5.3 Use of multifactor authentication for local and network access to privileged accounts and for network access to non-privileged accounts, which will be required not later than 9 months after award of the contract, if the Contractor notified the contracting officer in accordance with paragraph (c) of the provision 252.204-7008, Compliance with Safeguarding Covered Defense Information Controls (DEVIATION 2016-00001)(OCT 2015); or

(B) Alternative but equally effective security measures used to compensate for the inability to satisfy a particular requirement and achieve equivalent protection approved in writing by an authorized representative of the DoD Chief Information Officer (CIO) prior to contract award; and

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(2) Apply other information systems security measures when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraph (b)(1) of this clause, may be required to provide adequate security in a dynamic environment based on an assessed risk or vulnerability.

(c) Cyber incident reporting requirement.

(1) When the Contractor discovers a cyber incident that affects a covered contractor information system or the covered defense information residing therein, or that affects the contractors ability to perform the requirements of the contract that are designated as operationally critical support, the Contractor shall--

(i) Conduct a review for evidence of compromise of covered defense information, including, but not limited to, identifying compromised computers, servers, specific data, and user accounts. This review shall also include analyzing covered contractor information system(s) that were part of the cyber incident, as well as other information systems on the Contractors network(s), that may have been accessed as a result of the incident in order to identify compromised covered defense information, or that affect the Contractors ability to provide operationally critical support; and

(ii) Rapidly report cyber incidents to DoD at <http://dibnet.dod.mil>.

(2) Cyber incident report. The cyber incident report shall be treated as information created by or for DoD and shall include, at a minimum, the required elements at <http://dibnet.dod.mil>.

(3) Medium assurance certificate requirement. In order to report cyber incidents in accordance with this clause, the Contractor or subcontractor shall have or acquire a DoD-approved medium assurance certificate to report cyber incidents. For information on obtaining a DoD-approved medium assurance certificate, see <http://iase.disa.mil/pki/eca/Pages/index.aspx>.

(d) Malicious software. The Contractor or subcontractors that discover and isolate malicious software in connection with a reported cyber incident shall submit the malicious software in accordance with instructions provided by the Contracting Officer.

(e) Media preservation and protection. When a Contractor discovers a cyber incident has occurred, the Contractor shall preserve and protect images of all known affected information systems identified in paragraph (c) (1) (i) of this clause and all relevant monitoring/packet capture data for at least 90 days from the submission of the cyber incident report to allow DoD to request the media or decline interest.

(f) Access to additional information or equipment necessary for forensic analysis. Upon request by DoD, the Contractor shall provide DoD with access to additional information or equipment that is necessary to conduct a forensic analysis.

(g) Cyber incident damage assessment activities. If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor provide all of the damage assessment information gathered in accordance with paragraph (e) of this clause.

(h) DoD safeguarding and use of contractor attributional/proprietary information. The Government shall protect against the unauthorized use or release of information obtained from the contractor (or derived from information obtained from the contractor) under this clause that includes contractor attributional/proprietary information, including such information submitted in accordance with paragraph (c). To the maximum extent practicable, the Contractor shall identify and mark attributional/proprietary information. In making an authorized release of such information, the Government will implement appropriate procedures to minimize the contractor attributional/proprietary information that is included in such authorized release, seeking to include only that information that is necessary for the authorized purpose(s) for which the information is being released.

(i) Use and release of contractor attributional/proprietary information not created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is not created by or for DoD is authorized to be released outside of DoD

(1) To entities with missions that may be affected by such information;

(2) To entities that may be called upon to assist in the diagnosis, detection, or mitigation of cyber incidents;

(3) To Government entities that conduct counterintelligence or law enforcement investigations;

(4) For national security purposes, including cyber situational awareness and defense purposes (including with Defense Industrial Base (DIB) participants in the program at 32 CFR part 236); or

(5) To a support services contractor (recipient) that is directly supporting Government activities under a contract that includes the clause at 252.204-7009, Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information.

(j) Use and release of contractor attributional/proprietary information created by or for DoD. Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is created by or for DoD (including the information submitted pursuant to paragraph (c) of this clause) is authorized to be used and released outside of DoD for purposes and activities authorized by paragraph (i) of this clause, and for any other lawful Government purpose or activity, subject to all applicable statutory, regulatory, and policy based restrictions on the Governments use and release of such information.

(k) The Contractor shall conduct activities under this clause in accordance with applicable laws and regulations on the interception, monitoring, access, use, and disclosure of electronic communications and data.

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(l) Other safeguarding or reporting requirements. The safeguarding and cyber incident reporting required by this clause in no way abrogates the Contractors responsibility for other safeguarding or cyber incident reporting pertaining to its unclassified information systems as required by other applicable clauses of this contract, or as a result of other applicable U.S. Government statutory or regulatory requirements.

(m) Subcontracts. The Contractor shall--

- (1) Include the substance of this clause, including this paragraph (m), in all subcontracts, including subcontracts for commercial items; and
- (2) Require subcontractors to rapidly report cyber incidents directly to DoD at <http://dibnet.dod.mil> and the prime Contractor. This includes providing the incident report number, automatically assigned by DoD, to the prime Contractor (or next higher-tier subcontractor) as soon as practicable.

(End of clause)

252.223-7001 HAZARD WARNING LABELS

(a) Hazardous material, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labeling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.

(c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labeled in accordance with one of the Acts in paragraphs (b) (1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert None.)	ACT	
__NONE_____		_____
_____		_____
_____		_____

(d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.

(e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

(End of clause)

252.223-7007 SAFEGUARDING SENSITIVE CONVENTIONAL ARMS, AMMUNITION, AND EXPLOSIVES

(a) Definition. Arms, ammunition, and explosives (AA&E), as used in this clause, means those items within the scope (chapter 1, paragraph B) of DoD 5100.76-M, Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives.

(b) The requirements of DoD 5100.76-M apply to the following items of AA&E being developed, produced, manufactured, or purchased for the Government, or provided to the Contractor as Government-furnished property under this contract:

NOMENCLATURE	NATIONAL	SENSITIVITY/
	STOCK NUMBER	CATEGORY

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-1-

-2-

-3-

(c) The Contractor shall comply with the requirements of DoD 5100.76-M, as specified in the statement of work. The edition of DoD 5100.76-M in effect on the date of issuance of the solicitation for this contract shall apply.

(d) The Contractor shall allow representatives of the Defense Security Service (DSS), and representatives of other appropriate offices of the Government, access at all reasonable times into its facilities and those of its subcontractors, for the purpose of performing surveys, inspections, and investigations necessary to review compliance with the physical security standards applicable to this contract.

(e) The Contractor shall notify the cognizant DSS field office of any subcontract involving AA&E within 10 days after award of the subcontract.

(f) The Contractor shall ensure that the requirements of this clause are included in all subcontracts, at every tier--

- (1) For the development, production, manufacture, or purchase of AA&E; or
- (2) When AA&E will be provided to the subcontractor as Government-furnished property.

(g) Nothing in this clause shall relieve the Contractor of its responsibility for complying with applicable Federal, state, and local laws, ordinances, codes, and regulations (including requirements for obtaining licenses and permits) in connection with the performance of this contract.

(End of clause)

52.203-13 CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT

(a) Definitions. As used in this clause--

"Agent" means any individual, including a director, an officer, an employee, or an independent Contractor, authorized to act on behalf of the organization.

"Full cooperation"--

(1) Means disclosure to the Government of the information sufficient for law enforcement to identify the nature and extent of the offense and the individuals responsible for the conduct. It includes providing timely and complete response to Government auditors and investigators' request for documents and access to employees with information;

(2) Does not foreclose any Contractor rights arising in law, the FAR, or the terms of the contract. It does not require--

(i) A Contractor to waive its attorney-client privilege or the protections afforded by the attorney work product doctrine;

or

(ii) Any officer, director, owner, or employee of the Contractor, including a sole proprietor, to waive his or her attorney client privilege or Fifth Amendment rights; and

(3) Does not restrict a Contractor from--

(i) Conducting an internal investigation; or

(ii) Defending a proceeding or dispute arising under the contract or related to a potential or disclosed violation.

"Principal" means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

"Subcontract" means any contract entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract.

"Subcontractor" means any supplier, distributor, vendor, or firm that furnished supplies or services to or for a prime contractor or another subcontractor.

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"United States," means the 50 States, the District of Columbia, and outlying areas.

(b) Code of business ethics and conduct.

(1) Within 30 days after contract award, unless the Contracting Officer establishes a longer time period, the Contractor shall--

- (i) Have a written code of business ethics and conduct; and
- (ii) Make a copy of the code available to each employee engaged in performance of the contract.

(2) The Contractor shall—

- (i) Exercise due diligence to prevent and detect criminal conduct; and
- (ii) Otherwise promote an organizational culture that encourages ethical conduct and a commitment to compliance with the law

(3)(i) The Contractor shall timely disclose, in writing, to the agency Office of the Inspector General (OIG), with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of this contract or any subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed-

(A) A violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 of the United States Code; or

(B) A violation of the civil False Claims Act (31 U.S.C. 3729-3733).

(ii) The Government, to the extent permitted by law and regulation, will safeguard and treat information obtained pursuant to the Contractors disclosure as confidential where the information has been marked confidential or proprietary by the company. To the extent permitted by law and regulation, such information will not be released by the Government to the public pursuant to a Freedom of Information Act request, 5 U.S.C. Section 552, without prior notification to the Contractor. The Government may transfer documents provided by the Contractor to any department or agency within the Executive Branch if the information relates to matters within the organizations jurisdiction.

(iii) If the violation relates to an order against a Government wide acquisition contract, a multi-agency contract, a multiple-award schedule contract such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the Contractor shall notify the OIG of the ordering agency and the IG of the agency responsible for the basic contract.

(c) Business ethics awareness and compliance program and internal control system. This paragraph (c) does not apply if the Contractor has represented itself as a small business concern pursuant to the award of this contract or if this contract is for the acquisition of a commercial item as defined at FAR 2.101. The Contractor shall establish the following within 90 days after contract award, unless the Contracting Officer establishes a longer time period:

(1) An ongoing business ethics awareness and compliance program.

(i) This program shall include reasonable steps to communicate periodically and in a practical manner the Contractors standards and procedures and other aspects of the Contractors business ethics awareness and compliance program and internal control system, by conducting effective training programs and otherwise disseminating information appropriate to an individual's respective roles and responsibilities.

(ii) The training conducted under this program shall be provided to the Contractors principals and employees, and as appropriate, the Contractors agents and subcontractors.

(2) An internal control system.

(i) The Contractors internal control system shall--

(A) Establish standards and procedures to facilitate timely discovery of improper conduct in connection with Government contracts; and

(B) Ensure corrective measures are promptly instituted and carried out.

(ii) At a minimum, the Contractors internal control system shall provide for the following:

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(A) Assignment of responsibility at a sufficiently high level and adequate resources to ensure effectiveness of the business ethics awareness and compliance program and internal control system.

(B) Reasonable efforts not to include an individual as a principal, whom due diligence would have exposed as having engaged in conduct that is in conflict with the Contractors code of business ethics and conduct.

(C) Periodic reviews of company business practices, procedures, policies, and internal controls for compliance with the Contractors code of business ethics and conduct and the special requirements of Government contracting, including--

(1) Monitoring and auditing to detect criminal conduct;

(2) Periodic evaluation of the effectiveness of the business ethics awareness and compliance program and internal control system, especially if criminal conduct has been detected; and

(3) Periodic assessment of the risk of criminal conduct, with appropriate steps to design, implement, or modify the business ethics awareness and compliance program and the internal control system as necessary to reduce the risk of criminal conduct identified through this process.

(D) An internal reporting mechanism, such as a hotline, which allows for anonymity or confidentiality, by which employees may report suspected instances of improper conduct, and instructions that encourage employees to make such reports.

(E) Disciplinary action for improper conduct or for failing to take reasonable steps to prevent or detect improper conduct.

(F) Timely disclosure, in writing, to the agency OIG, with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of any Government contract performed by the Contractor or a subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed a violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 U.S.C. or a violation of the civil False Claims Act (31 U.S.C. 3729-3733).

(1) If a violation relates to more than one Government contract, the Contractor may make the disclosure to the agency OIG and Contracting Officer responsible for the largest dollar value contract impacted by the violation.

(2) If the violation relates to an order against a Government wide acquisition contract, a multi-agency contract, a multiple award schedule contract such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the contractor shall notify the OIG of the ordering agency and the IG of the agency responsible for the basic contract, and the respective agencies contracting officers.

(3) The disclosure requirement for an individual contract continues until at least 3 years after final payment on the contract.

(4) The Government will safeguard such disclosures in accordance with paragraph (b) (3) (ii) of this clause.

(G) Full cooperation with any Government agencies responsible for audits, investigations, or corrective actions.

(d) Subcontracts.

(1) The Contractor shall include the substance of this clause, including this paragraph (d), in subcontracts that have a value in excess of \$5,500,000 and a performance period of more than 120 days.

(2) 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.

(End of clause)

52.204-19 INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS

The Contractor's representations and certifications, including those completed electronically via the System for Award Management (SAM), are incorporated by reference into the contract.

(End of clause)

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52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

(a) Definitions. As used in this clause--

"Backhaul" means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

"Covered foreign country" means The Peoples Republic of China. "Covered telecommunications equipment or services" means—

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

"Critical technology" means--

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

"Interconnection arrangements" means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

"Reasonable inquiry" means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

"Roaming" means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

"Substantial or essential component" means any component necessary for the proper function or performance of a

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piece of equipment, system, or service.

(b) Prohibition. (1) Section 889(a) (1) (A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115- 232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. (2) Section 889(a) (1) (B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.

(c) Exceptions. This clause does not prohibit contractors from providing--

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements;

or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement. (1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil> . For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d) (2) (i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b) (2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

52.219-4 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS

(a) Definition. HUBZone small business concern, as used in this clause, means a small business concern that

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appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) Evaluation preference.

(1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except

- (i) Offers from HUBZone small business concerns that have not waived the evaluation preference; and
- (ii) Otherwise successful offers from small business concerns.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

Offer elects to waive the evaluation preference.

(d) Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a non-manufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph

(d) of this clause will be performed by the HUBZone small business participant or participants;

(f) A HUBZone small business concern non manufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

(End of clause)

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION

(a) Definitions. As used in this clause--

"Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause.

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(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall represent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract. (3) For long-term contracts

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the exercise date specified in the contract for any option thereafter.

(c) The Contractor shall represent its size status in accordance with the size standard in effect at the time of this representation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/services/contractingopportunities/sizestandardtopics/> .

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure they reflect current status. The Contractor shall notify the contracting office by e-mail, or otherwise in writing, that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following representation and submit it to the contracting office, along with the contract number and the date on which the representation was completed:

The Contractor represents that it [] is, [] is not a small business concern under NAICS Code _____ assigned to contract number _____. [Contractor to sign and date and insert authorized signer's name and title].

(End of clause)

52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (DEVIATION 2013-O0014) (OCT 2014) -- ALTERNATE III

(a) This clause does not apply to small business concerns.

(b) Definitions. As used in this clause--

"Alaska Native Corporation (ANC)" means any Regional Corporation, Village Corporation, Urban Corporation, or Group Corporation organized under the laws of the State of Alaska in accordance with the Alaska Native Claims Settlement Act, as amended (43 U.S.C. 1601, et seq.) and which is considered a minority and economically disadvantaged concern under the criteria at 43 U.S.C. 1626(e)(1). This definition also includes ANC direct and indirect subsidiary corporations, joint ventures, and partnerships that meet the requirements of 43 U.S.C. 1626(e) (2).

"Commercial item" means a product or service that satisfies the definition of commercial item in section 2.101 of the Federal Acquisition Regulation.

"Commercial plan" means a subcontracting plan (including goals) that covers the offerors fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (e.g., division, plant, or product line).

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"Electronic Subcontracting Reporting System (eSRS)" means the Government wide, electronic, web-based system for small business subcontracting program reporting. The eSRS is located at <http://www.esrs.gov>.

"Indian tribe" means any Indian tribe, band, group, pueblo, or community, including native villages and native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act (43 U.S.C.A. 1601 et seq.), that is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs in accordance with 25 U.S.C. 1452(c). This definition also includes Indian-owned economic enterprises that meet the requirements of 25 U.S.C. 1452(e).

"Individual contract plan" means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offerors planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

"Master plan" means a subcontracting plan that contains all the required elements of an individual contract plan, except goals, and may be incorporated into individual contract plans, provided the master plan has been approved.

"Subcontract" means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business, and women-owned small business concerns. If the offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business, veteran-owned small business, service disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns, with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award of a contract.

(d) The offerors subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. The offeror shall include all sub-contracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs. In accordance with 43 U.S.C. 1626:

(i) Subcontracts awarded to an ANC or Indian tribe shall be counted towards the subcontracting goals for small business and small disadvantaged business (SDB) concerns, regardless of the size or Small Business Administration certification status of the ANC or Indian tribe.

(ii) Where one or more subcontractors are in the subcontract tier between the prime contractor and the ANC or Indian tribe, the ANC or Indian tribe shall designate the appropriate contractor(s) to count the subcontract towards its small business and small disadvantaged business subcontracting goals.

(A) In most cases, the appropriate Contractor is the Contractor that awarded the subcontract to the ANC or Indian tribe.

(B) If the ANC or Indian tribe designates more than one Contractor to count the subcontract toward its goals, the ANC or Indian tribe shall designate only a portion of the total subcontract award to each Contractor. The sum of the amounts designated to various Contractors cannot exceed the total value of the subcontract.

(C) The ANC or Indian tribe shall give a copy of the written designation to the Contracting Officer, the prime Contractor, and the subcontractors in between the prime Contractor and the ANC or Indian tribe within 30 days of the date of the subcontract award.

(D) If the Contracting Officer does not receive a copy of the ANCs or the Indian tribes written

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designation within 30 days of the subcontract award, the Contractor that awarded the subcontract to the ANC or Indian tribe will be considered the designated Contractor.

(2) A statement of--

- (i) Total dollars planned to be subcontracted for an individual contract plan; or the offerors total projected sales, expressed in dollars, and the total value of projected subcontracts to support the sales for a commercial plan;
- (ii) Total dollars planned to be subcontracted to small business concerns (including ANC and Indian tribes);
- (iii) Total dollars planned to be subcontracted to veteran-owned small business concerns;
- (iv) Total dollars planned to be subcontracted to service-disabled veteran-owned small business;
- (v) Total dollars planned to be subcontracted to HUBZone small business concerns;
- (vi) Total dollars planned to be subcontracted to small disadvantaged business concerns (including ANCs and Indian tribes); and
- (vii) Total dollars planned to be subcontracted to women-owned small business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to--

- (i) Small business concerns;
- (ii) Veteran-owned small business concerns;
- (iii) Service-disabled veteran-owned small business concerns;
- (iv) HUBZone small business concerns;
- (v) Small disadvantaged business concerns; and
- (vi) Women-owned small business concerns.

(4) A description of the method used to develop the subcontracting goals in paragraph (d) (1) of this clause.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the System for Award Management (SAM), veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small, HUBZone, small disadvantaged, and women-owned small business trade associations). A firm may rely on the information contained in SAM as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small, service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small business source list. Use of SAM as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities) in this clause.

(6) A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with--

- (i) Small business concerns (including ANC and Indian tribes);
- (ii) Veteran-owned small business concerns;
- (iii) Service-disabled veteran-owned small business concerns;
- (iv) HUBZone small business concerns;
- (v) Small disadvantaged business concerns (including ANC and Indian tribes); and
- (vi) Women-owned small business concerns.

(7) The name of the individual employed by the offeror who will administer the offerors subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the offeror will make to assure that small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$650,000 (\$1.5 million for construction of any public facility) with further subcontracting possibilities to adopt a subcontracting plan that complies with the requirements of this clause.

(10) Assurances that the offeror will--

- (i) Cooperate in any studies or surveys as may be required;
- (ii) Submit periodic reports so that the Government can determine the extent of compliance by the offeror with the subcontracting plan;
- (iii) Submit Standard Form (SF) 294 Subcontracting Report for Individual Contract in accordance with paragraph (l) of this clause. Submit the Summary Subcontract Report (SSR), in accordance with paragraph (l) of this

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clause using the Electronic Subcontracting Reporting System (eSRS) at <http://www.esrs.gov>. The reports shall provide information on subcontract awards to small business concerns (including ANCs and Indian tribes that are not small businesses), veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns (including ANCs and Indian tribes that have not been certified by the Small Business Administration as small disadvantaged businesses), women-owned small business concerns, and for NASA only, Historically Black Colleges and Universities and Minority Institutions. Reporting shall be in accordance with this clause, or as provided in agency regulations; and

(iv) Ensure that its subcontractors with subcontracting plans agree to submit the SF 294 in accordance with paragraph (I) of this clause. Ensure that its subcontractors with subcontracting plans agree to submit the SSR in accordance with paragraph (I) of this clause using the eSRS.

(11) A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the offerors efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (e.g., SAM), guides, and other data that identify small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than \$150,000, indicating--

(A) Whether small business concerns were solicited and, if not, why not;

(B) Whether veteran-owned small business concerns were solicited and, if not, why not;

(C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;

(D) Whether HUBZone small business concerns were solicited and, if not, why not;

(E) Whether small disadvantaged business concerns were solicited and, if not, why not;

(F) Whether women-owned small business concerns were solicited and, if not, why not; and

(G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact--

(A) Trade associations;

(B) Business development organizations;

(C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources; and

(D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through

(A) Workshops, seminars, training, etc.; and

(B) Monitoring performance to evaluate compliance with the programs requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having commercial plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractors lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made

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to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.

(4) Confirm that a subcontractor representing itself as a HUBZone small business concern is identified as a certified HUBZone small business concern by accessing the SAM database or by contacting SBA.

(5) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran owned small business, HUBZone small, small disadvantaged, or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractors subcontracting plan.

(6) For all competitive subcontracts over the simplified acquisition threshold in which a small business concern received a small business preference, upon determination of the successful subcontract offeror, the Contractor must inform each unsuccessful small business subcontract offeror in writing of the name and location of the apparent successful offeror prior to award of the contract.

(f) A master plan on a plant or division-wide basis that contains all the elements required by paragraph (d) of this clause, except goals, may be incorporated by reference as a part of the subcontracting plan required of the offeror by this clause; provided--

(1) The master plan has been approved;

(2) The offeror ensures that the master plan is updated as necessary and provides copies of the approved master plan, including evidence of its approval, to the Contracting Officer; and

(3) Goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) A commercial plan is the preferred type of subcontracting plan for contractors furnishing commercial items. The commercial plan shall relate to the offerors planned subcontracting generally, for both commercial and Government business, rather than solely to the Government contract. Once the Contractors commercial plan has been approved, the Government will not require another subcontracting plan from the same Contractor while the plan remains in effect, as long as the product or service being provided by the Contractor continues to meet the definition of a commercial item. A Contractor with a commercial plan shall comply with the reporting requirements stated in paragraph (d)(10) of this clause by submitting one SSR in eSRS for all contracts covered by its commercial plan. This report shall be acknowledged or rejected in eSRS by the Contracting Officer who approved the plan. This report shall be submitted within 30 days after the end of the Governments fiscal year.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) A contract may have no more than one plan. When a modification meets the criteria in 19.702 for a plan, or an option is exercised, the goals associated with the modification or option shall be added to those in the existing subcontract plan.

(j) Subcontracting plans are not required from subcontractors when the prime contract contains the clause at 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders Commercial Items, or when the subcontractor provides a commercial item subject to the clause at 52.244-6, Subcontracts for Commercial Items, under a prime contract.

(k) The failure of the Contractor or subcontractor to comply in good faith with--

(1) The clause of this contract entitled "Utilization Of Small Business Concerns;" or

(2) An approved plan required by this clause, shall be a material breach of the contract.

(l) The Contractor shall submit a SF 294. The Contractor shall submit SSRs using the web-based eSRS at <http://www.esrs.gov>. Purchases from a corporation, company, or subdivision that is an affiliate of the prime Contractor or subcontractor are not included in these reports. Subcontract award data reported by prime Contractors and subcontractors shall be limited to awards made to their immediate next tier subcontractors. Credit cannot be taken for awards made to lower tier subcontractors, unless the Contractor or subcontractor has been designated to receive a small business or small

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disadvantaged business credit from an ANC or Indian tribe. Only subcontracts involving performance in the U.S. or its outlying areas should be included in these reports with the exception of subcontracts under a contract awarded by the State Department or any other agency that has statutory or regulatory authority to require subcontracting plans for subcontracts performed outside the United States and its outlying areas.

(1) SF 294. This report is not required for commercial plans. The report is required for each contract containing an individual subcontract plan. For prime contractors the report shall be submitted to the contracting officer, or as specified elsewhere in this contract. In the case of a subcontract with a subcontracting plan, the report shall be submitted to the entity that awarded the subcontract.

(i) The report shall be submitted semi-annually during contract performance for the periods ending March 31 and September 30. A report is also required for each contract within 30 days of contract completion. Reports are due 30 days after the close of each reporting period, unless otherwise directed by the Contracting Officer. Reports are required when due, regardless of whether there has been any subcontracting activity since the inception of the contract or the previous reporting period.

(ii) When a subcontracting plan contains separate goals for the basic contract and each option, as prescribed by FAR 19.704(c), the dollar goal inserted on this report shall be the sum of the base period through the current option; for example, for a report submitted after the second option is exercised, the dollar goal would be the sum of the goals for the basic contract, the first option, and the second option.

(2) SSR. (i) Reports submitted under individual contract plans

(A) This report encompasses all subcontracting under prime contracts and subcontracts with the awarding agency, regardless of the dollar value of the subcontracts.

(B) The report may be submitted on a corporate, company or subdivision (e.g. plant or division operating as a separate profit center) basis, unless otherwise directed by the agency.

(C) If a prime contractor and/or subcontractor is performing work for more than one executive agency, a separate report shall be submitted to each executive agency covering only that agency's contracts, provided at least one of that agency's contracts is over \$650,000 (over \$1.5 million for construction of a public facility) and contains a subcontracting plan. For DoD, a consolidated report shall be submitted for all contracts awarded by military departments/agencies and/or subcontracts awarded by DoD prime Contractors.

(D) The consolidated SSR shall be submitted annually for the twelve month period ending September 30. The report is due 30 days after the close of the reporting period.

(E) Subcontract awards that are related to work for more than one executive agency shall be appropriately allocated.

(F) The authority to acknowledge or reject SSRs in the eSRS, including SSRs submitted by subcontractors with subcontracting plans, resides with the Government agency awarding the prime contracts unless stated otherwise in the contract.

(ii) Reports submitted under a commercial plan--

(A) The report shall include all subcontract awards under the commercial plan in effect during the Government's fiscal year.

(B) The report shall be submitted annually, within thirty days after the end of the Government's fiscal year.

(C) If a Contractor has a commercial plan and is performing work for more than one executive agency, the Contractor shall specify the percentage of dollars attributable to each agency from which contracts for commercial items were received.

(D) The authority to acknowledge or reject SSRs for commercial plans resides with the Contracting Officer who approved the commercial plan.

(End of clause)

52.222-35 EQUAL OPPORTUNITY FOR VETERANS

(a) Definitions. As used in this clause—

"Active duty wartime or campaign badge veteran," "Armed Forces service medal veteran," "disabled veteran," "protected veteran," "qualified disabled veteran," and "recently separated veteran" have the meanings given at FAR 22.1301.

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(b) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-300.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified protected veterans, and requires affirmative action by the Contractor to employ and advance in employment qualified protected veterans.

(c) Subcontracts. The Contractor shall insert the terms of this clause in subcontracts of \$100,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

(End of clause)

52.222-36 EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES

(a) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60- 741.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by the Contractor to employ and advance in employment qualified individuals with disabilities.

(b) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of \$15,000 unless exempted by rules, regulations, or orders of the Secretary, so that such provisions will be binding upon each subcontractor or vendor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs of the U.S. Department of Labor, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

(End of clause)

52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA

(a) Hazardous material, as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material	Identification No.
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(If none, insert None)

SEE ATTACHMENT 0017 Day & Zimmermann RFP W52P1J-14-R-0146 and
Amendments_____

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered non-responsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

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(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to --

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h) (1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(End of Clause)

52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to hydro chlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning Contains (or manufactured with, if applicable) * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

(End of Clause)

52.230-2 COST ACCOUNTING STANDARDS

(a) Unless the contract is exempt under 48 CFR 9903.201-1 and 9903.201-2, the provisions of 48 CFR Part 9903 are incorporated herein by reference and the Contractor, in connection with this contract, shall

(1) (CAS-covered Contracts Only) By submission of a Disclosure Statement, disclose in writing the Contractor's cost accounting practices as required by 48 CFR 9903.202-1 through 9903.202-5, including methods of distinguishing direct costs from indirect costs and the basis used for allocating indirect costs. The practices disclosed for this contract shall be the same as the practices currently disclosed and applied on all other contracts and subcontracts being performed by the Contractor and which contain a Cost Accounting Standards (CAS) clause. If the Contractor has notified the Contracting Officer that the Disclosure Statement contains trade secrets and commercial or financial information which is privileged and confidential, the Disclosure Statement shall be protected and shall not be released outside of the Government.

(2) Follow consistently the Contractor's cost accounting practices in accumulating and reporting contract performance cost data concerning this contract. If any change in cost accounting practices is made for the purposes of any contract or subcontract subject to CAS requirements, the change must be applied prospectively to this contract and the Disclosure Statement must be amended accordingly. If the contract price or cost allowance of this contract is affected by such changes, adjustment shall be made in accordance with paragraph (a) (4) or (a) (5) of this clause, as appropriate.

(3) Comply with all CAS, including any modifications and interpretations indicated thereto contained in 48 CFR Part 9904, in effect on the date of award of this contract or, if the Contractor has submitted certified cost or pricing data, on the date of final agreement on price as shown on the Contractor's signed certificate of current cost or pricing data. The Contractor shall also comply with any CAS (or modifications to CAS) which hereafter become applicable to a contract or subcontract of the Contractor. Such compliance shall be required prospectively from the date of applicability to such contract or subcontract.

(4)(i) Agree to an equitable adjustment as provided in the Changes clause of this contract if the contract cost is affected by a change which, pursuant to paragraph (a) (3) of this clause, the Contractor is required to make to the Contractor's established cost accounting practices.

(ii) Negotiate with the Contracting Officer to determine the terms and conditions under which a change may be made to a cost accounting practice, other than a change made under other provisions of paragraph (a)(4) of this clause; provided that no agreement may be made under this provision that will increase costs paid by the United

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States.

(iii) When the parties agree to a change to a cost accounting practice, other than a change under subdivision (a) (4) (i) of this clause, negotiate an equitable adjustment as provided in the Changes clause of this contract.

(5) Agree to an adjustment of the contract price or cost allowance, as appropriate, if the Contractor or a subcontractor fails to comply with an applicable Cost Accounting Standard, or to follow any cost accounting practice consistently and such failure results in any increased costs paid by the United States. Such adjustment shall provide for recovery of the increased costs to the United States, together with interest thereon computed at the annual rate established under section 6621(a) (2) of the Internal Revenue Code of 1986 (26 U.S.C. 6621(a) (2)) for such period, from the time the payment by the United States was made to the time the adjustment is effected. In no case shall the Government recover costs greater than the increased cost to the Government, in the aggregate, on the relevant contracts subject to the price adjustment, unless the Contractor made a change in its cost accounting practices of which it was aware or should have been aware at the time of price negotiations and which it failed to disclose to the Government.

(b) If the parties fail to agree whether the Contractor or a subcontractor has complied with an applicable CAS in 48 CFR 9904 or a CAS rule or regulation in 48 CFR 9903 and as to any cost adjustment demanded by the United States, such failure to agree will constitute a dispute under 41 U.S.C. chapter 71, Contract Disputes.

(c) The Contractor shall permit any authorized representatives of the Government to examine and make copies of any documents, papers, or records relating to compliance with the requirements of this clause.

(d) The Contractor shall include in all negotiated subcontracts which the Contractor enters into, the substance of this clause, except paragraph (b), and shall require such inclusion in all other subcontracts, of any tier, including the obligation to comply with all CAS in effect on the subcontractors award date or if the subcontractor has submitted certified cost or pricing data, on the date of final agreement on price as shown on the subcontractors signed Certificate of Current Cost or Pricing Data. If the subcontract is awarded to a business unit which pursuant to 48 CFR 9903.201-2 is subject to other types of CAS coverage, the substance of the applicable clause set forth in subsection 30.201-4 of the Federal Acquisition Regulation shall be inserted. This requirement shall apply only to negotiated subcontracts in excess of \$700,000, except that the requirement shall not apply to negotiated subcontracts otherwise exempt from the requirement to include a CAS clause as specified in 48 CFR 9903.201-1.

(End of clause)

52.230-3 DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES

(a) The Contractor, in connection with this contract, shall--

(1) Comply with the requirements of 48 CFR 9904.401, Consistency in Estimating, Accumulating, and Reporting Costs; 48 CFR 9904.402, Consistency in Allocating Costs Incurred for the Same Purpose; 48 CFR 9904.405, Accounting for Unallowable Costs; and 48 CFR 9904.406, Cost Accounting Standard Cost Accounting Period, in effect on the date of award of this contract as indicated in 48 CFR Part 9904.

(2) (CAS-covered Contracts Only) If it is a business unit of a company required to submit a Disclosure Statement, disclose in writing its cost accounting practices as required by 48 CFR 9903.202-1 through 9903.202-5. If the Contractor has notified the Contracting Officer that the Disclosure Statement contains trade secrets and commercial or financial information which is privileged and confidential, the Disclosure Statement shall be protected and shall not be released outside of the Government.

(3)(i) Follow consistently the Contractors cost accounting practices. A change to such practices may be proposed, however, by either the Government or the Contractor, and the Contractor agrees to negotiate with the Contracting Officer the terms and conditions under which a change may be made. After the terms and conditions under which the change is to be made have been agreed to, the change must be applied prospectively to this contract, and the Disclosure Statement, if affected, must be amended accordingly.

(ii) The Contractor shall, when the parties agree to a change to a cost accounting practice and the Contracting Officer has made the finding required in 48 CFR 9903.201-6(c), that the change is desirable and not detrimental to the interests of the Government, negotiate an equitable adjustment as provided in the Changes clause of this contract. In the absence of the required finding, no agreement may be made under this contract clause that will increase costs paid by the United States.

(4) Agree to an adjustment of the contract price or cost allowance, as appropriate, if the Contractor or a subcontractor fails to comply with the applicable CAS or to follow any cost accounting practice, and such failure

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results in any increased costs paid by the United States. Such adjustment shall provide for recovery of the increased costs to the United States together with interest thereon computed at the annual rate established under section 6621(a)(2) of the Internal Revenue Code of 1986 (26 U.S.C. 6621(a)(2)), from the time the payment by the United States was made to the time the adjustment is effected.

(b) If the parties fail to agree whether the Contractor has complied with an applicable CAS, rule, or regulation as specified in 48 CFR 9903 and 9904 and as to any cost adjustment demanded by the United States, such failure to agree will constitute a dispute under 41 U.S.C. chapter 71, Contract Disputes.

(c) The Contractor shall permit any authorized representatives of the Government to examine and make copies of any documents, papers, and records relating to compliance with the requirements of this clause.

(d) The Contractor shall include in all negotiated subcontracts, which the Contractor enters into, the substance of this clause, except paragraph (b), and shall require such inclusion in all other subcontracts of any tier, except that--

(1) If the subcontract is awarded to a business unit which pursuant to 48 CFR 9903.201-2 is subject to other types of CAS coverage, the substance of the applicable clause set forth in subsection 30.201-4 of the Federal Acquisition Regulation shall be inserted.

(2) This requirement shall apply only to negotiated subcontracts in excess of \$700,000.

(3) The requirement shall not apply to negotiated subcontracts otherwise exempt from the requirement to include a CAS clause as specified in 48 CFR 9903.201-1.

(End of clause)

52.252-2 CLAUSES INCORPORATED BY REFERENCE

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address:

For FAR clauses: <https://www.acquisition.gov/>

For DFARS clauses: <https://www.acq.osd.mil/dpap/dars/dfarspgi/current/index.html>

(End of Clause)

52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any DOD FAR SUPPLEMENT (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of Clause)

252.211-7003 ITEM UNIQUE IDENTIFICATION AND VALUATION

(a) Definitions. As used in this clause--

"Automatic identification device" means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

"Concatenated unique item identifier" means

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

"Data matrix" means a two-dimensional matrix symbology, which is made up of square or, in some cases, round modules arranged within a perimeter finder pattern and uses the Error Checking and Correction 200 (ECC200) specification found

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within International Standards Organization (ISO)/International Electrotechnical Commission (IEC) 16022.

"Data qualifier" means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

"DoD recognized unique identification equivalent" means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at: http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html.

"DoD item unique identification" means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

"Enterprise" means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items. "Enterprise identifier" means a code that is uniquely assigned to an enterprise by an issuing agency.

"Governments unit acquisition cost" means

- (1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;
- (2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractors estimated fully burdened unit cost to the Government at the time of delivery; and
- (3) For items produced under a time-and-materials contract, the Contractors estimated fully burdened unit cost to the Government at the time of delivery.

"Issuing agency" means an organization responsible for assigning a globally unique identifier to an enterprise (e.g., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, Allied Committee 135 NATO Commercial and Government Entity (NCAGE)/Commercial and Government Entity (CAGE) Code, or the Coded Representation of the North American Telecommunications Industry Manufacturers, Suppliers, and Related Service Companies (ATIS-0322000) Number), European Health Industry Business Communication Council (EHIBCC) and Health Industry Business Communication Council (HIBCC)), as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at <http://www.nen.nl/Normontwikkeling/Certificatieschemas-en-keurmerken/Schemabeheer/ISOIEC-15459.htm>.

"Issuing agency code" means a code that designates the registration (or controlling) authority for the enterprise identifier.

"Item" means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

"Lot or batch number" means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

"Machine-readable" means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

"Original part number" means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

"Parent item" means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

"Serial number within the enterprise identifier" means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

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"Serial number within the part, lot, or batch number" means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

"Serialization within the enterprise identifier" means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

"Serialization within the part, lot, or batch number" means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

"Type designation" means a combination of letters and numerals assigned by the Government to a major end item, assembly or subassembly, as appropriate, to provide a convenient means of differentiating between items having the same basic name and to indicate modifications and changes thereto.

"Unique item identifier" means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

"Unique item identifier type" means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html.

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier.

(1) The Contractor shall provide a unique item identifier for the following:

(i) Delivered items for which the Government's unit acquisition cost is \$5,000 or more, except for the

following line items: Contract Line,
Subline, or
Exhibit Line Item Number Item Description_

-1-	-2-
-1-	-2-
-1-	-2-

(ii) Items for which the Government's unit acquisition cost is less than \$5,000 that are identified in the Schedule or the following table:

Contract Line,
Subline, or
Exhibit Line Item Number Item Description

-3-	-4-
-3-	-4-
-3-	-4-

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed reparable and DoD serially managed nonreparable as specified in Attachment Number -5-

(iv) Any item of special tooling or special test equipment as defined in FAR 2.101 that have been designated for preservation and storage for a Major Defense Acquisition Program as specified in Attachment Number -6-

(v) Any item not included in paragraphs (c) (1) (i), (ii), (iii), or (iv) of this clause for which the contractor creates and marks a unique item identifier for traceability.

(2) The unique item identifier assignment and its component data element combination shall not be duplicated on any other item marked or registered in the DoD Item Unique Identification Registry by the contractor.

(3) The unique item identifier component data elements shall be marked on an item using two dimensional data matrix symbology that complies with ISO/IEC International Standard 16022, Information technology--International symbology specification--Data matrix; ECC200 data matrix specification.

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(4) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that

- (i) The data elements (except issuing agency code) of the unique item identifier are encoded within the data matrix symbol that is marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

- (A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

- (B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

- (C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

- (ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology-Transfer Syntax for High Capacity Automatic Data Capture Media.

(1) Unique item identifier.

- (i) The Contractor shall--

- (A) Determine whether to--

- (1) Serialize within the enterprise identifier;

- (2) Serialize within the part, lot, or batch number; or

- (3) Use a DoD recognized unique identification equivalent (e.g. Vehicle Identification Number); and

- (B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique Identification equivalent; and for serialization within the part, lot, or batch number only: Original part, lot, or batch number) on items requiring marking by paragraph (c) (1) of this clause, based on the criteria provided in MIL-STD-130, Identification Marking of U.S. Military Property, latest version

- (C) Label shipments, storage containers and packages that contain uniquely identified items in accordance with the requirements of MIL-STD-129, Military Marking for Shipment and Storage, latest version; and

- (D) Verify that the marks on items and labels on shipments, storage containers, and packages are machine readable and conform to the applicable standards. The contractor shall use an automatic identification technology device for this verification that has been programmed to the requirements of Appendix A, MIL-STD-130, latest version.

- (ii) The issuing agency code--

- (A) Shall not be placed on the item; and

- (B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires item unique identification under paragraph (c)(1)(i), (ii), or (iv) of this clause or when item unique identification is provided under paragraph (c)(1)(v), in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report, the following information:

- (1) Unique item identifier.

- (2) Unique item identifier type.

- (3) Issuing agency code (if concatenated unique item identifier is used).

- (4) Enterprise identifier (if concatenated unique item identifier is used).

- (5) Original part number (if there is serialization within the original part number).

- (6) Lot or batch number (if there is serialization within the lot or batch number).

- (7) Current part number (optional and only if not the same as the original part number).

- (8) Current part number effective date (optional and only if current part number is used).

- (9) Serial number (if concatenated unique item identifier is used).

- (10) Government's unit acquisition cost.

- (11) Unit of measure.

- (12) Type designation of the item as specified in the contract schedule, if any.

- (13) Whether the item is an item of Special Tooling or Special Test Equipment.

- (14) Whether the item is covered by a warranty.

(e) For embedded subassemblies, components, and parts that require DoD item unique identification under paragraph (c)(1)(iii) of this clause or when item unique identification is provided under paragraph (c)(1)(v), the Contractor shall report

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as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c) (1) of this clause that contains the embedded subassembly, component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.**
- (4) Issuing agency code (if concatenated unique item identifier is used).**
- (5) Enterprise identifier (if concatenated unique item identifier is used).**
- (6) Original part number (if there is serialization within the original part number).**
- (7) Lot or batch number (if there is serialization within the lot or batch number).**
- (8) Current part number (optional and only if not the same as the original part number).**
- (9) Current part number effective date (optional and only if current part number is used).**
- (10) Serial number (if concatenated unique item identifier is used).**
- (11) Description.

** Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause as follows:

(1) End items shall be reported using the receiving report capability in Wide Area WorkFlow (WAWF) in accordance with the clause at 252.232-7003. If WAWF is not required by this contract, and the contractor is not using WAWF, follow the procedures at <http://dodprocurementtoolbox.com/site/uidregistry/>.

(2) Embedded items shall be reported by one of the following methods--

- (i) Use of the embedded items capability in WAWF;
- (ii) Direct data submission to the IUID Registry following the procedures and formats at <http://dodprocurementtoolbox.com/site/uidregistry/>; or
- (iii) Via WAWF as a deliverable attachment for exhibit line item number -7-, Unique Item Identifier Report for Embedded Items, Contract Data Requirements List, DD Form 1423.

(g) Subcontracts. If the Contractor acquires by contract any items for which item unique identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s), including subcontracts for commercial items.

(End of clause)

252.211-7005 SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS

(a) Definition. SPI process, as used in this clause, means a management or manufacturing process that has been accepted previously by the Department of Defense under the Single Process Initiative (SPI) for use in lieu of a specific military or Federal specification or standard at specific facilities. Under SPI, these processes are reviewed and accepted by a Management Council, which includes representatives of the Contractor, the Defense Contract Management Agency, the Defense Contract Audit Agency, and the military departments.

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet at http://guidebook.dcmam.mil/20/guidebook_process.htm (paragraph 4.2).

(c) An offeror proposing to use an SPI process in lieu of military or Federal specifications or standards cited in the solicitation shall

- (1) Identify the specific military or Federal specification or standard for which the SPI process has been accepted;
- (2) Identify each facility at which the offeror proposes to use the specific SPI process in lieu of military or Federal specifications or standards cited in the solicitation;

specifications or standards cited in the solicitation;

- (3) Identify the contract line items, subline items, components, or elements affected by the SPI process; and
- (4) If the proposed SPI process has been accepted at the facility at which it is proposed for use, but is not yet listed at

the Internet site specified in paragraph (b) of this clause, submit documentation of Department of Defense acceptance of the SPI process.

(d) Absent a determination that an SPI process is not acceptable for this procurement, the Contractor shall use the following SPI processes in lieu of military or Federal specifications or standards:

(Offeror insert information for each SPI process)

SPI Process: _____ N/A _____

Facility: _____ N/A _____

Military or Federal Specification or Standard: _____ N/A _____

Affected Contract Line Item Number, Subline Item Number, Component, or Element: _____ N/A _____

(e) If a prospective offeror wishes to obtain, prior to the time specified for receipt of offers, verification that an SPI process is an acceptable replacement for military or Federal specifications or standards required by the solicitation, the prospective offeror

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(1) May submit the information required by paragraph (d) of this clause to the Contracting Officer prior to submission of an offer; but

(2) Must submit the information to the Contracting Officer at least 10 working days prior to the date specified for receipt of offers.

(End of clause)

252.219-7003 SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS)

This clause supplements the Federal Acquisition Regulation 52.219-9, Small Business Subcontracting Plan, clause of this contract.

(a) Definitions. As used in this clause--

"Summary Subcontract Report (SSR) Coordinator," means the individual who is registered in eSRS at the Department of Defense (9700).

(b) Subcontracts awarded to workshops approved by the Committee for Purchase from People Who are Blind or Severely Disabled (41 U.S.C. 8502-8504), may be counted toward the Contractors small business subcontracting goal.

(c) A mentor firm, under the Pilot Mentor-Protege Program established under section 831 of Public Law 101-510, as amended, may count toward its small disadvantaged business goal, subcontracts awarded to—

(1) Protege firms which are qualified organizations employing the severely disabled; and

(2) Former protege firms that meet the criteria in Section 831(g) (4) of Public Law 101-510.

(d) The master plan is approved by the Contractor's cognizant contract administration activity.

(e) In those subcontracting plans which specifically identify small businesses, the Contractor shall notify the Administrative Contracting Officer of any substitutions of firms that are not small business firms, for the small business firms specifically identified in the subcontracting plan. Notifications shall be in writing and shall occur within a reasonable period of time after award of the subcontract. Contractor-specified formats shall be acceptable.

(f)(1) For DoD, the Contractor shall submit reports in eSRS as follows:

(i) The Individual Subcontract Report (ISR) shall be submitted to the contracting officer at the procuring contracting office, even when contract administration has been delegated to the Defense Contract Management Agency.

(ii) To submit the consolidated SSR for an individual subcontracting plan in eSRS, the contractor identifies the Government Agency in Block 7 (Agency to which the report is being submitted) by selecting the Department of Defense (DoD) (9700) from the top of the second dropdown menu. Do not select anything lower.

(2) For DoD, the authority to acknowledge receipt or reject reports in eSRS is as follows:

(i) The authority to acknowledge receipt or reject the ISR resides with the contracting officer who receives it, as described in paragraph (f)(1)(i) of this clause.

(ii) The authority to acknowledge receipt or reject SSRs in eSRS resides with the SSR Coordinator.

(End of clause)

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS

(a) Definitions. As used in this clause--

"Department of Defense Activity Address Code (DoDAAC)" is a six position code that uniquely identifies a unit, activity, or organization.

"Document type" means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

"Local processing office (LPO)" is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the System for Award Management at [tps://www.acquisition.gov](https://www.acquisition.gov); and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

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(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

- a) Progress Payment (For use under contractually authorized Progress Payments)
- b) Performance Based Payment (For use under contractually authorized Performance Based Payments.)
- c) "COMBO" Invoice/Receiving Report (For Supply CLINs including ammunition items and ammunition related items)
- d) "2-in-1" (For Service CLINs only)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer. * SEE SECTION B

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Contractor Cage Code* _____

Pay DoDAAC (Department of Defense Activity Address Code)*

Issue DoDAAC: W52P1J

Admin DoDAAC*

Inspect by DoDAAC*

Contracting Officer*

Ship to Code* (Not Required for Services)

*Required fields in WAWF. Cage Code, Paying, Issuing, and Administering DoDAACS and the assigned Contracting Officer may be found on the face of the award document. When the contract administration is assigned to DCMA; the contractor should contact the assigned Administrative Contracting Officer to obtain the applicable "inspect by" DoDAAC. If contract administration is retained by the Issuing/Procuring Activity; the contractor should contact the assigned Procuring Contracting Officer to obtain the applicable "inspect by" DoDAAC.

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email

Notifications" field of WAWF once a document is submitted in the system.

Contract Specialist: kelly.k.clifton.civ@mail.mil

Procuring Contracting Officer: stephanie.m.migawa.civ@mail.mil

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

sydney.a.royal.civ@mail.mil or julie.a.bryant6.civ@mail.mil

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)