

**Defense Federal Acquisition Regulation Supplement**

**Part 252—Solicitation Provisions and Contract Clauses**

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*(Revised August 12, 2008)*

**252.211-7000 Acquisition Streamlining.**

As prescribed in 211.002-70, use the following clause:

ACQUISITION STREAMLINING (DEC 1991)

- (a) The Government's acquisition streamlining objectives are to—
  - (1) Acquire systems that meet stated performance requirements;
  - (2) Avoid over-specification; and
  - (3) Ensure that cost-effective requirements are included in future acquisitions.
- (b) The Contractor shall—
  - (1) Prepare and submit acquisition streamlining recommendations in accordance with the statement of work of this contract; and
  - (2) Format and submit the recommendations as prescribed by data requirements on the contract data requirements list of this contract.
- (c) The Government has the right to accept, modify, or reject the Contractor's recommendations.
- (d) The Contractor shall insert this clause, including this paragraph (d), in all subcontracts over \$1 million, awarded in the performance of this contract.

(End of clause)

**252.211-7001 Availability of Specifications, Standards, and Data Item Descriptions Not Listed in the Acquisition Streamlining and Standardization Information System (ASSIST), and Plans, Drawings, and Other Pertinent Documents.**

As prescribed in 211.204(c), use the following provision:

AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM  
DESCRIPTIONS NOT LISTED IN THE ACQUISITION STREAMLINING AND  
STANDARDIZATION INFORMATION SYSTEM (ASSIST), AND PLANS,  
DRAWINGS, AND OTHER PERTINENT DOCUMENTS (MAY 2006)

Offerors may obtain the specifications, standards, plans, drawings, data item descriptions, and other pertinent documents cited in this solicitation by submitting a request to:

(Activity) \_\_\_\_\_

(Complete Address) \_\_\_\_\_

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Include the number of the solicitation and the title and number of the specification, standard, plan, drawing, or other pertinent document.

(End of provision)

#### **252.211-7002 Availability for Examination of Specifications, Standards, Plans, Drawings, Data Item Descriptions, and Other Pertinent Documents.**

As prescribed in 211.204(c), use the following provision:

#### AVAILABILITY FOR EXAMINATION OF SPECIFICATIONS, STANDARDS, PLANS, DRAWINGS, DATA ITEM DESCRIPTIONS, AND OTHER PERTINENT DOCUMENTS (DEC 1991)

The specifications, standards, plans, drawings, data item descriptions, and other pertinent documents cited in this solicitation are not available for distribution but may be examined at the following location:

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(Insert complete address)

(End of provision)

#### **252.211-7003 Item Identification and Valuation.**

As prescribed in 211.274-5(a), use the following clause:

#### ITEM IDENTIFICATION AND VALUATION (AUG 2008)

(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 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](http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html).

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“DoD unique item 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.

“Government’s 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 Contractor’s 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 Contractor’s estimated fully burdened unit cost to the Government at the time of delivery.

“Issuing agency” means an organization responsible for assigning a non-repeatable identifier to an enterprise (i.e., Dun & Bradstreet’s Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

“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.

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“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.

“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.

“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](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) All delivered items for which the Government’s unit acquisition cost is \$5,000 or more.

(ii) The following items for which the Government’s unit acquisition cost is less than \$5,000:

Contract Line, Subline, or  
Exhibit Line Item Number

Item Description

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(iii) Subassemblies, components, and parts embedded within delivered items as specified in Attachment Number \_\_\_\_.

(2) The unique item identifier and the component data elements of the DoD unique item identification shall not change over the life of the item.

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

(i) The encoded data elements (except issuing agency code) of the unique item identifier are 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.

(4) *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; 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

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criteria provided in the version of MIL-STD-130, Identification Marking of U.S. Military Property, cited in the contract Schedule.

(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 unique item identification under paragraph (c)(1)(i) or (ii) of this clause, 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, either as part of, or associated with, 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.

(e) For embedded subassemblies, components, and parts that require DoD unique item identification under paragraph (c)(1)(iii) of this clause, the Contractor shall report as part of, or associated with, 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.\*\*

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(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 in accordance with the data submission procedures at [http://www.acq.osd.mil/dpap/pdi/uid/data\\_submission\\_information.html](http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html).

(g) *Subcontracts*. If the Contractor acquires by subcontract, any item(s) for which unique item 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).

(End of clause)

#### ALTERNATE I (AUG 2008)

As prescribed in 211.274-5(a)(4), delete paragraphs (c), (d), (e), (f), and (g) of the basic clause, and add the following paragraphs (c) and (d) to the basic clause:

(c) For each item delivered under a contract line, subline, or exhibit line item under paragraph (b) of this clause, in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report the Government's unit acquisition cost.

(d) The Contractor shall submit the information required by paragraph (c) of this clause in accordance with the data submission procedures at [http://www.acq.osd.mil/dpap/pdi/uid/data\\_submission\\_information.html](http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html).

#### **252.211-7004 Alternate Preservation, Packaging, and Packing.**

As prescribed in 211.272, use the following provision:

ALTERNATE PRESERVATION, PACKAGING, AND PACKING (DEC 1991)

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(a) The Offeror may submit two unit prices for each item--one based on use of the military preservation, packaging, or packing requirements of the solicitation; and an alternate based on use of commercial or industrial preservation, packaging, or packing of equal or better protection than the military.

(b) If the Offeror submits two unit prices, the following information, as a minimum, shall be submitted with the offer to allow evaluation of the alternate—

(1) The per unit/item cost of commercial or industrial preservation, packaging, and packing;

(2) The per unit/item cost of military preservation, packaging, and packing;

(3) The description of commercial or industrial preservation, packaging, and packing procedures, including material specifications, when applicable, to include—

(i) Method of preservation;

(ii) Quantity per unit package;

(iii) Cleaning/drying treatment;

(iv) Preservation treatment;

(v) Wrapping materials;

(vi) Cushioning/dunnage material;

(vii) Thickness of cushioning;

(viii) Unit container;

(ix) Unit package gross weight and dimensions;

(x) Packing; and

(xi) Packing gross weight and dimensions; and

(4) Item characteristics, to include—

(i) Material and finish;

(ii) Net weight;

(iii) Net dimensions; and

(iv) Fragility.

(c) If the Contracting Officer does not evaluate or accept the Offeror's proposed alternate commercial or industrial preservation, packaging, or packing, the Offeror

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agrees to preserve, package, or pack in accordance with the specified military requirements.

(End of provision)

#### **252.211-7005 Substitutions for Military or Federal Specifications and Standards.**

As prescribed in 211.273-4, use the following clause:

##### SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS (NOV 2005)

(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.dcms.mil/20/guidebook\\_process.htm](http://guidebook.dcms.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;
- (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:

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*(Offeror insert information for each SPI process)*

SPI Process: \_\_\_\_\_

Facility: \_\_\_\_\_

Military or Federal  
Specification or Standard: \_\_\_\_\_

Affected Contract Line Item  
Number, Subline Item  
Number, Component, or  
Element: \_\_\_\_\_

(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—

(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)

#### **252.211-7006 Radio Frequency Identification.**

As prescribed in 211.275-3, use the following clause:

#### **RADIO FREQUENCY IDENTIFICATION (FEB 2007)**

(a) *Definitions.* As used in this clause—

“Advance shipment notice” means an electronic notification used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment.

“Bulk commodities” means the following commodities, when shipped in rail tank cars, tanker trucks, trailers, other bulk wheeled conveyances, or pipelines:

- (1) Sand.
- (2) Gravel.
- (3) Bulk liquids (water, chemicals, or petroleum products).
- (4) Ready-mix concrete or similar construction materials.

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(5) Coal or combustibles such as firewood.

(6) Agricultural products such as seeds, grains, or animal feed.

“Case” means either a MIL-STD-129 defined exterior container within a palletized unit load or a MIL-STD-129 defined individual shipping container.

“Electronic Product Code™ (EPC)” means an identification scheme for universally identifying physical objects via RFID tags and other means. The standardized EPC data consists of an EPC (or EPC identifier) that uniquely identifies an individual object, as well as an optional filter value when judged to be necessary to enable effective and efficient reading of the EPC tags. In addition to this standardized data, certain classes of EPC tags will allow user-defined data. The EPC tag data standards will define the length and position of this data, without defining its content.

“EPCglobal™” means a joint venture between EAN International and the Uniform Code Council to establish and support the EPC network as the global standard for immediate, automatic, and accurate identification of any item in the supply chain of any company, in any industry, anywhere in the world.

“Exterior container” means a MIL-STD-129 defined container, bundle, or assembly that is sufficient by reason of material, design, and construction to protect unit packs and intermediate containers and their contents during shipment and storage. It can be a unit pack or a container with a combination of unit packs or intermediate containers. An exterior container may or may not be used as a shipping container.

“Palletized unit load” means a MIL-STD-129 defined quantity of items, packed or unpacked, arranged on a pallet in a specified manner and secured, strapped, or fastened on the pallet so that the whole palletized load is handled as a single unit. A palletized or skidded load is not considered to be a shipping container. A loaded 463L System pallet is not considered to be a palletized unit load. Refer to the Defense Transportation Regulation, DoD 4500.9-R, Part II, Chapter 203, for marking of 463L System pallets.

“Passive RFID tag” means a tag that reflects energy from the reader/interrogator or that receives and temporarily stores a small amount of energy from the reader/interrogator signal in order to generate the tag response.

(1) Until February 28, 2007, the acceptable tags are—

(i) EPC Class 0 passive RFID tags that meet the EPCglobal Class 0 specification; and

(ii) EPC Class 1 passive RFID tags that meet the EPCglobal Class 1 specification. This includes both the Generation 1 and Generation 2 Class 1 specifications.

(2) Beginning March 1, 2007, the only acceptable tags are EPC Class 1 passive RFID tags that meet the EPCglobal Class 1 Generation 2 specification. Class 0 and Class 1 Generation 1 tags will no longer be accepted after February 28, 2007.

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“Radio Frequency Identification (RFID)” means an automatic identification and data capture technology comprising one or more reader/interrogators and one or more radio frequency transponders in which data transfer is achieved by means of suitably modulated inductive or radiating electromagnetic carriers.

“Shipping container” means a MIL-STD-129 defined exterior container that meets carrier regulations and is of sufficient strength, by reason of material, design, and construction, to be shipped safely without further packing (e.g., wooden boxes or crates, fiber and metal drums, and corrugated and solid fiberboard boxes).

(b)(1) Except as provided in paragraph (b)(2) of this clause, the Contractor shall affix passive RFID tags, at the case and palletized unit load packaging levels, for shipments of items that—

(i) Are in any of the following classes of supply, as defined in DoD 4140.1-R, DoD Supply Chain Materiel Management Regulation, AP1.1.11:

(A) Subclass of Class I – Packaged operational rations.

(B) Class II – Clothing, individual equipment, tentage, organizational tool kits, hand tools, and administrative and housekeeping supplies and equipment.

(C) Class III – Packaged petroleum, lubricants, oils, preservatives, chemicals, and additives.

(D) Class IV – Construction and barrier materials.

(E) Class VI – Personal demand items (non-military sales items).

(F) Subclass of Class VIII – Medical materials (excluding pharmaceuticals, biologicals, and reagents – suppliers should limit the mixing of excluded and non-excluded materials).

(G) Class IX – Repair parts and components including kits, assemblies and subassemblies, repairable and consumable items required for maintenance support of all equipment, excluding medical-peculiar repair parts; and

(ii) Are being shipped to any of the following locations:

(A) Defense Distribution Depot, Susquehanna, PA: DoDAAC W25G1U  
or SW3124.

(B) Defense Distribution Depot, San Joaquin, CA: DoDAAC W62G2T  
or SW3224.

(C) Defense Distribution Depot, Albany, GA: DoDAAC SW3121.

(D) Defense Distribution Depot, Anniston, AL: DoDAAC W31G1Z or  
SW3120.

(E) Defense Distribution Depot, Barstow, CA: DoDAAC SW3215.

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- (F) Defense Distribution Depot, Cherry Point, NC: DoDAAC SW3113.
- (G) Defense Distribution Depot, Columbus, OH: DoDAAC SW0700.
- (H) Defense Distribution Depot, Corpus Christi, TX: DoDAAC W45H08 or SW3222.
- (I) Defense Distribution Depot, Hill, UT: DoDAAC SW3210.
- (J) Defense Distribution Depot, Jacksonville, FL: DoDAAC SW3122.
- (K) Defense Distribution Depot, Oklahoma City, OK: DoDAAC SW3211.
- (L) Defense Distribution Depot, Norfolk, VA: DoDAAC SW3117.
- (M) Defense Distribution Depot, Puget Sound, WA: DoDAAC SW3216.
- (N) Defense Distribution Depot, Red River, TX: DoDAAC W45G19 or SW3227.
- (O) Defense Distribution Depot, Richmond, VA: DoDAAC SW0400.
- (P) Defense Distribution Depot, San Diego, CA: DoDAAC SW3218.
- (Q) Defense Distribution Depot, Tobyhanna, PA: DoDAAC W25G1W or SW3114.
- (R) Defense Distribution Depot, Warner Robins, GA: DoDAAC SW3119.
- (S) Air Mobility Command Terminal, Charleston Air Force Base, Charleston, SC: Air Terminal Identifier Code CHS.
- (T) Air Mobility Command Terminal, Naval Air Station, Norfolk, VA: Air Terminal Identifier Code NGU.
- (U) Air Mobility Command Terminal, Travis Air Force Base, Fairfield, CA: Air Terminal Identifier Code SUU.
- (V) A location outside the contiguous United States when the shipment has been assigned Transportation Priority 1.
- (2) The following are excluded from the requirements of paragraph (b)(1) of this clause:
- (i) Shipments of bulk commodities.
  - (ii) Shipments to locations other than Defense Distribution Depots when the contract includes the clause at FAR 52.213-1, Fast Payment Procedures.

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(c) The Contractor shall—

(1) Ensure that the data encoded on each passive RFID tag are unique (i.e., the binary number is never repeated on any and all contracts) and conforms to the requirements in paragraph (d) of this clause;

(2) Use passive tags that are readable; and

(3) Ensure that the passive tag is affixed at the appropriate location on the specific level of packaging, in accordance with MIL-STD-129 (Section 4.9.2) tag placement specifications.

(d) *Data syntax and standards.* The Contractor shall encode an approved RFID tag using the instructions provided in the EPC™ Tag Data Standards in effect at the time of contract award. The EPC™ Tag Data Standards are available at <http://www.epcglobalinc.org/standards/>.

(1) If the Contractor is an EPCglobal™ subscriber and possesses a unique EPC™ company prefix, the Contractor may use any of the identity types and encoding instructions described in the most recent EPC™ Tag Data Standards document to encode tags.

(2) If the Contractor chooses to employ the DoD Identity Type, the Contractor shall use its previously assigned Commercial and Government Entity (CAGE) Code and shall encode the tags in accordance with the tag identity type details located at [http://www.acq.osd.mil/log/rfid/tag\\_data.htm](http://www.acq.osd.mil/log/rfid/tag_data.htm). If the Contractor uses a third party packaging house to encode its tags, the CAGE code of the third party packaging house is acceptable.

(3) Regardless of the selected encoding scheme, the Contractor is responsible for ensuring that each tag contains a globally unique identifier.

(e) *Receiving report.* The Contractor shall electronically submit advance shipment notice(s) with the RFID tag identification (specified in paragraph (d) of this clause) in advance of the shipment in accordance with the procedures at [http://www.acq.osd.mil/log/rfid/advance\\_shipment\\_ntc.htm](http://www.acq.osd.mil/log/rfid/advance_shipment_ntc.htm).

(End of clause)

#### **252.211-7007 Item Unique Identification of Government Property.**

As prescribed in 211.274-5(b), use the following clause:

#### ITEM UNIQUE IDENTIFICATION OF GOVERNMENT PROPERTY (SEP 2007)

(a) *Definitions.* As used in this clause—

“2D data matrix symbol” means the 2-dimensional Data Matrix ECC 200 as specified by International Standards Organization/International Electrotechnical Commission (ISO/IEC) Standard 16022: Information Technology – International Symbology Specification – Data Matrix.

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“Acquisition cost,” for Government-furnished property in the possession of the Contractor (PIPC), means the amount identified in the contract, or in the absence of such identification, the fair market value. For property acquired or fabricated by the Contractor as Contractor-acquired PIPC, and subsequently transferred or delivered as Government-furnished PIPC, it is the original acquisition cost.

“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.

“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/UID/equivalents.html>.

“Equipment” means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale, and does not ordinarily lose its identity or become a component part of another article when put into use.

“Item unique identification (IUID)” means a system of assigning, reporting, and marking DoD property in the possession of the Contractor with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items.

“IUID Registry” means the DoD data repository that receives input from both industry and Government sources and provides storage of, and access to, data that identifies and describes tangible Government personal property, including property in the possession of the Contractor.

“Material” means property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end item. Material does not include equipment, special tooling, or special test equipment.

“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.

“Property in the possession of the Contractor (PIPC)” means tangible personal property, to which the Government has title, that is in the stewardship or possession of, or is controlled by, the Contractor for the performance of a contract. PIPC consists of both tangible Government-furnished property and Contractor-acquired property and includes equipment and material.

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“Unique item identifier (UII)” means a set of data elements marked on items that is globally unique and unambiguous.

“Virtual UII” means the data elements for an item that have been captured in the IUID Registry, but have not yet been physically marked on an item with a DoD compliant 2D data matrix symbol.

(b) *Procedures for assigning and registering.*

(1) The Contractor shall provide IUID data for the IUID Registry for all Government-furnished PIPC requiring DoD unique identification under this contract, including Government-furnished PIPC located at subcontractor and alternate locations.

(2) Unless the Government provides the UII, the Contractor shall establish a concatenated UII or a DoD recognized unique identification equivalent for—

(i) Government-furnished PIPC with a unit acquisition cost of \$5,000 or more; and

(ii) The following items of Government-furnished PIPC for which the unit acquisition cost is less than \$5,000:

Contract Line, Subline, or Exhibit Line Item Number (if applicable)	Item Description
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(3) Virtual UIIs may be assigned by the Contractor for existing Government-furnished PIPC requiring item unique identification, if the property can be accurately and uniquely identified using existing innate serialized identity until an event occurs requiring physical marking with the DoD compliant 2D data matrix.

(4) The Contractor shall assign and register a UII and the master item data for any subassembly, component, or part that does not have an existing UII when it is removed from a parent item and remains with the Contractor as a stand-alone item.

(5) Contractor-acquired PIPC is excluded from the IUID Registry. The Contractor shall report to the IUID Registry as Government-furnished PIPC any Contractor-acquired PIPC that—

(i) Is delivered to the Government; or

(ii) Is transferred by contract modification or other contract provision/requirement to another contract (including items that are transferred in place).

(6) If the initial transfer of Contractor-acquired PIPC is a delivery to DoD, the requirements of the Item Identification and Valuation clause of this contract (DFARS

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252.211-7003) shall be applied when determining the requirement for item unique identification.

(7) The Contractor shall submit the UII and the master item data into the IUID Registry in accordance with the data submission procedures in the Item Unique Identification of Government Property Guidebook at <http://www.acq.osd.mil/dpap/UIID/guides.htm>.

(i) The following data is required for Government-furnished PIPC items received without a UII:

- (A) UII type.
- (B) Concatenated UII.
- (C) Item description.
- (D) Foreign currency code.
- (E) Unit of measure.
- (F) Acquisition cost.
- (G) Mark information.
  - (1) Bagged or tagged code.
  - (2) Contents.
  - (3) Effective date.
  - (4) Added or removed flag.
  - (5) Marker code.
  - (6) Marker identifier.
  - (7) Medium code.
  - (8) Value.
- (H) Custody information.
  - (1) Prime contractor identifier.
  - (2) Accountable contract number.
  - (3) Category code.
  - (4) Received date.
  - (5) Status code.

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(ii) The following data is required only for Government-furnished PIPC items received without a UII for specific “UII types,” as specified in the Item Unique Identification of Government Property Guidebook:

- (A) Issuing agency code.
- (B) Enterprise identifier.
- (C) Original part number.
- (D) Batch/lot number.
- (E) Serial number.

(iii) The following data is optional for Government-furnished PIPC items received without a UII:

- (A) Acquisition contract number.
- (B) Contract line item number/subline item number/exhibit line item number.
- (C) Commercial and Government Entity (CAGE) code or Data Universal Numbering System (DUNS) number in the acquisition contract.
- (D) Current part number.
- (E) Current part number effective date (required if current part number is provided).
- (F) Acceptance location.
- (G) Acceptance date.
- (H) Ship-to code.
- (I) Sent date.
- (J) Manufacturer identifier.
- (K) Manufacturer code (required if manufacturer identifier is provided).
- (L) Parent UII (for embedded items).

(c) *Procedures for updating.*

(1) The Contractor shall update the IUID Registry for changes in status, mark, custody, or disposition of Government-furnished PIPC under this contract, for PIPC—

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(i) Delivered or shipped from the Contractor's plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor;

(ii) Consumed or expended, reasonably and properly, or otherwise accounted for, in the performance of the contract as determined by the Government property administrator, including reasonable inventory adjustments;

(iii) Disposed of; or

(iv) Transferred to a follow-on or other contract.

(2) The Contractor shall update the IUID Registry for changes to the mark information to add or remove other serialized identification marks and to update a virtual UII to a fully compliant UII when the 2D data matrix symbol is added to the item.

(3) The Contractor shall update the IUID Registry for any changes to the current part number or the current part number effective date.

(4) The Contractor shall update the IUID Registry for any changes to the parent item of a DoD serially managed embedded subassembly, component, or part.

(5) The Contractor shall update the IUID Registry for all Government-furnished PIPC under this contract, so that the IUID Registry reflects the same information that is recorded in the Contractor's property records for Government-furnished PIPC as transactions occur, or at least semi-annually by March 31 and September 30 of each year.

(d) *Procedures for marking.*

(1) When an event occurs that requires the physical marking of the item with the 2D data matrix symbol, the Contractor shall use the previously assigned virtual UII as the permanent UII.

(2) The Contractor shall use MIL-STD-130M (or later version) when physically marking existing PIPC with the compliant 2D data matrix symbol. The Contractor that has possession of the PIPC shall use due diligence to maintain the integrity of the UII and shall replace a damaged, destroyed, or lost mark with a replacement mark that contains the same UII data elements, as necessary. The Contractor shall apply the required 2D data matrix symbol to an identification plate, band, tag, or label securely fastened to the item, or directly to the surface of the item to be compliant.

(3) When an item cannot be physically marked or tagged due to a lack of available space to mark identifying information or because marking or tagging would have a deleterious effect, the Contractor shall—

(i) Attach to the item a tag that has the identifying information marked on the tag;

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(ii) Place the item in a supplemental bag or other package that encloses the item and has a tag attached to the bag or package that has the identifying information marked on the tag; or

(iii) Apply the identifying information to the unit pack in addition to, or in combination with, the identification marking information specified in MIL-STD-129. When combining marking requirements for a unit pack, the Contractor shall follow the manner, method, form, and format of MIL-STD-129 and shall fulfill the informational requirements of that standard.

(4) When the item has the tag removed or the item is removed from the bag to be installed as an embedded item in a parent item, the Contractor shall—

(i) Assign a UII or a virtual UII to the parent item if a UII does not already exist;

(ii) Mark the parent item with the DoD compliant 2D data matrix symbol, if feasible; and

(iii) Update the IUID Registry to indicate that the tagged or bagged UII item has become an embedded item within the parent item.

(5) In the event a previously tagged or bagged embedded item is subsequently removed from use, the Contractor shall tag or bag and mark the item again with the original UII.

(End of clause)