

Defense Federal Acquisition Regulation Supplement

Part 252—Solicitation Provisions and Contract Clauses

(Revised December 7, 2011)

252.211-7000 Acquisition Streamlining.

As prescribed in [211.002-70](#), use the following clause:

ACQUISITION STREAMLINING (OCT 2010)

- (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 \$1.5 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:

(Insert complete address)

(End of provision)

252.211-7003 Item Identification and Valuation.

As prescribed in [211.274-6\(a\)](#), use the following clause:

ITEM IDENTIFICATION AND VALUATION (JUN 2011)

(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.

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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 globally unique identifier to an enterprise (i.e., 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/web/Normen-ontwikkelen/ISOIEC-15459-Issuing-Agency-Codes.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

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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.

“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.

(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:

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Contract Line, Subline, or
Exhibit Line Item Number

Item Description

(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

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(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 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:

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(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 in accordance with the data submission procedures at 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 (DEC 2011)

As prescribed in [211.274-6\(a\)\(4\)](#), 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.

252.211-7004 Alternate Preservation, Packaging, and Packing.

As prescribed in [211.272](#), use the following provision:

ALTERNATE PRESERVATION, PACKAGING, AND PACKING (DEC 1991)

(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 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.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;

(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 Passive Radio Frequency Identification.

As prescribed in [211.275-3](#), use the following clause:

PASSIVE RADIO FREQUENCY IDENTIFICATION (SEP 2011)

(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 passive radio frequency identification (RFID) or item unique identification (IUID) information, 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).

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- (4) Ready-mix concrete or similar construction materials.
- (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 subscriber-driven organization comprised of industry leaders and organizations focused on creating global standards for the adoption of passive RFID technology.

“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. The only acceptable tags are EPC Class 1 passive RFID tags that meet the EPCglobal™ Class 1 Generation 2 standard.

“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).

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(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 IIIP – 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, reparable and consumable items required for maintenance support of all equipment, excluding medical-peculiar repair parts; and

(ii) Are being shipped to one of the locations listed at <http://www.acq.osd.mil/log/rfid/> or to—

(A) A location outside the contiguous United States when the shipment has been assigned Transportation Priority 1, or to—

(B) The following location(s) deemed necessary by the requiring activity:

Contract Line, Subline, or Exhibit Line Item Number	Location Name	City	State	DoDAAC

(2) The following are excluded from the requirements of paragraph (b)(1) of this clause:

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(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.

(c) The Contractor shall—

(1) Ensure that the data encoded on each passive RFID tag are globally unique (i.e., the tag ID is never repeated across two or more RFID tags 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 identifiers 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 identifier, the Contractor shall use its previously assigned Commercial and Government Entity (CAGE) code and shall encode the tags in accordance with the tag identifier details located at 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 with which the Department holds the contract is responsible for ensuring that the tag ID encoded on each passive RFID tag is globally unique, per the requirements in paragraph (c)(1).

(e) *Advance shipment notice.* The Contractor shall use Wide Area WorkFlow (WAWF), as required by DFARS [252.232-7003](#), Electronic Submission of Payment Requests, to electronically submit advance shipment notice(s) with the RFID tag ID(s) (specified in paragraph (d) of this clause) in advance of the shipment in accordance with the procedures at <https://wawf.eb.mil/>.

(End of clause)

252.211-7007 Reporting of Government-Furnished Equipment in the DoD Item Unique Identification (IUID) Registry.

As prescribed in [211.274-6\(b\)](#), use the following clause:

REPORTING OF GOVERNMENT-FURNISHED EQUIPMENT IN THE DOD ITEM
UNIQUE IDENTIFICATION (IUID) REGISTRY (NOV 2008)

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(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 Symbol Specification – Data Matrix.

“Acquisition cost,” for Government-furnished equipment, means the amount identified in the contract, or in the absence of such identification, the item’s fair market value.

“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; e.g., the enterprise identifier along with the contractor’s property internal identification, i.e., tag number is recognized as the serial number; 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.

“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.

“Government-furnished equipment” means an item of special tooling, special test equipment, or equipment, in the possession of, or directly acquired by, the Government and subsequently furnished to the Contractor (including subcontractors and alternate locations) for the performance of a contract.

“Item” means equipment, special tooling, or special test equipment, to include such equipment, special tooling, or special test equipment that is designated as serially managed, mission essential, sensitive, or controlled inventory (if previously identified as such in accordance with the terms and conditions of the contract).

“Item unique identification (IUID)” means a system of assigning, reporting, and marking DoD property 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.

“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.

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“Reparable” means an item, typically in unserviceable condition, furnished to the Contractor for maintenance, repair, modification, or overhaul.

“Sensitive item” means an item potentially dangerous to public safety or security if stolen, lost, or misplaced, or that shall be subject to exceptional physical security, protection, control, and accountability. Examples include weapons, ammunition, explosives, controlled substances, radioactive materials, hazardous materials or wastes, or precious metals.

“Serially managed item” means an item designated by DoD to be uniquely tracked, controlled, or managed in maintenance, repair, and/or supply systems by means of its serial number.

“Special test equipment” means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in performing a contract. It consists of items or assemblies of equipment including foundations and similar improvements necessary for installing special test equipment, and standard or general purpose items or components that are interconnected and interdependent so as to become a new functional entity for special testing purposes. Special test equipment does not include material, special tooling, real property, or equipment items used for general testing purposes, or property that with relatively minor expense can be made suitable for general purpose use.

“Special tooling” means jigs, dies, fixtures, molds, patterns, taps, gauges, and all components of these items, including foundations and similar improvements necessary for installing special tooling, and which are of such a specialized nature that without substantial modification or alteration their use is limited to the development or production of particular supplies or parts thereof or to the performance of particular services. Special tooling does not include material, special test equipment, real property, equipment, machine tools, or similar capital items.

“Unique item identifier (UII)” means a set of data elements permanently marked on an item that is globally unique and unambiguous and never changes, in order to provide traceability of the item throughout its total life cycle. The term includes a concatenated UII or a DoD recognized unique identification equivalent.

“Virtual UII” means the UII data elements assigned to an item that is not marked with a DoD compliant 2D data matrix symbol, e.g., enterprise identifier, part number, and serial number; or the enterprise identifier along with the Contractor’s property internal identification, i.e., tag number.

(b) *Requirement for item unique identification of Government-furnished equipment.* Except as provided in paragraph (c) of this clause—

(1) Contractor accountability and management of Government-furnished equipment shall be performed at the item level; and

(2) Unless provided by the Government, the Contractor shall establish a virtual UII or a DoD recognized unique identification for items that are—

(i) Valued at \$5,000 or more in unit acquisition cost; or

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(ii) Valued at less than \$5,000 in unit acquisition cost and are serially managed, mission essential, sensitive, or controlled inventory, as identified in accordance with the terms and conditions of the contract.

(c) *Exceptions.* Paragraph (b) of this clause does not apply to—

- (1) Government-furnished material;
- (2) Reparables;
- (3) Contractor-acquired property;
- (4) Property under any statutory leasing authority;
- (5) Property to which the Government has acquired a lien or title solely because of partial, advance, progress, or performance-based payments;
- (6) Intellectual property or software; or
- (7) Real property.

(d) *Procedures for establishing UIIs.* To permit reporting of virtual UIIs to the DoD IUID Registry, the Contractor's property management system shall enable the following data elements in addition to those required by paragraph (f)(1)(iii) of the Government Property clause of this contract (FAR 52.245-1):

- (1) Parent UII.
- (2) Concatenated UII.
- (3) Received/Sent (shipped) date.
- (4) Status code.
- (5) Current part number (if different from the original part number).
- (6) Current part number effective date.
- (7) Category code ("E" for equipment).
- (8) Contract number.
- (9) Commercial and Government Entity (CAGE) code.
- (10) Mark record.
 - (i) Bagged or tagged code (for items too small to individually tag or mark).
 - (ii) Contents (the type of information recorded on the item, e.g., item internal control number).
 - (iii) Effective date (date the mark is applied).

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- (iv) Added or removed code/flag.
 - (v) Marker code (designates which code is used in the marker identifier, e.g., D=CAGE, UN=DUNS, LD=DODAAC).
 - (vi) Marker identifier, e.g., Contractor's CAGE code or DUNS number.
 - (vii) Medium code; how the data is recorded, e.g., barcode, contact memory button.
 - (viii) Value, e.g., actual text or data string that is recorded in its human readable form.
 - (ix) Set (used to group marks when multiple sets exist); for the purpose of this clause, this defaults to "one (1)".
- (e) *Procedures for updating the DoD IUID Registry.* The Contractor shall update the DoD IUID Registry at <https://www.bpn.gov/iuid> for changes in status, mark, custody, or disposition of items—
- (1) Delivered or shipped from the Contractor's plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor;
 - (2) 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;
 - (3) Disposed of; or
 - (4) Transferred to a follow-on or other contract.

(End of clause)

252.211-7008 Use of Government-Assigned Serial Numbers

As prescribed in [211.274-6](#)(c), use the following clause:

USE OF GOVERNMENT-ASSIGNED SERIAL NUMBERS (SEP 2010)

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

“Government-assigned serial number” means a combination of letters or numerals in a fixed human-readable information format (text) conveying information about a major end item, which is provided to a contractor by the requiring activity with accompanying technical data instructions for marking the Government-assigned serial number on major end items to be delivered to the Government.

“Major end item” means a final combination of component parts and/or materials which is ready for its intended use and of such importance to operational readiness that review and control of inventory management functions (procurement,

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distribution, maintenance, disposal, and asset reporting) is required at all levels of life cycle management. Major end items include aircraft; ships; boats; motorized wheeled, tracked, and towed vehicles for use on highway or rough terrain; weapon and missile end items; ammunition; and sets, assemblies, or end items having a major end item as a component.

“Unique item identifier (UII)” means a set of data elements permanently marked on an item that is globally unique and unambiguous and never changes in order to provide traceability of the item throughout its total life cycle. The term includes a concatenated UII or a DoD-recognized unique identification equivalent.

(b) The Contractor shall mark the Government-assigned serial numbers on those major end items as specified by line item in the Schedule, in accordance with the technical instructions for the placement and method of application identified in the terms and conditions of the contract.

(c) The Contractor shall register the Government-assigned serial number along with the major end item’s UII at the time of delivery in accordance with the provisions of the clause at DFARS [252.211-7003](#)(d).

(d) The Contractor shall establish the UII for major end items for use throughout the life of the major end item. The Contractor may elect, but is not required, to use the Government-assigned serial number to construct the UII.

(End of clause)