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;
(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.dcmia.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:

**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)


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).
(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 skid-packed 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).

(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 V—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, reproducible 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—

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

<table>
<thead>
<tr>
<th>Contract line, subline, or exhibit line item number</th>
<th>Location name</th>
<th>City</th>
<th>State</th>
<th>DoDAAC</th>
</tr>
</thead>
</table>

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

(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.

(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\textsuperscript{TM} Tag Data Standards in effect at the time of contract award. The EPC\textsuperscript{TM} Tag Data Standards are available at http://www.epcglobalinc.org/standards/.

(1) If the Contractor is an EPCglobal\textsuperscript{TM} subscriber and possesses a unique EPC\textsuperscript{TM} company prefix, the Contractor may use any of the identifiers and encoding instructions described in the most recent EPC\textsuperscript{TM} 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) of this clause.

(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)


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)

(a) Definitions. As used in this clause—


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.

Equation 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