

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

*DoD unique item identification* means marking an item with a unique item identifier that has machine-readable data elements to distinguish it from all other like and unlike items. In addition—

(1) For items that are serialized within the enterprise identifier, the unique identifier shall include the data elements of issuing agency code, enterprise identifier, and a unique serial number.

(2) For items that are serialized within the part number within the enterprise identifier, the unique identifier shall include the data elements of issuing agency code, enterprise identifier, the original part number, and the serial number.

*Enterprise* means the entity (*i.e.*, 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 a registration (or controlling) authority.

*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; and

(2) For cost-type line, subline, or exhibit line items, the Contractor's estimated fully burdened unit cost to the Government for each item at the time of delivery.

*Issuing agency code* means a code that designates the registration (or controlling) authority.

*Item* means a single hardware article or unit formed by a grouping of subassemblies, components, or constituent parts required to be delivered in accordance with the terms and conditions of this contract.

*Machine-readable* means an automatic information 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 asset creation to a class of items with the same form, fit, function, and interface.

*Registration (or controlling) authority* means an organization responsible for assigning a non-repeatable identifier to an enterprise (*i.e.*, Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, Uniform Code Council (UCC)/EAN International (EAN) Company Prefix, or Defense Logistics Information System (DLIS) Commercial and Government Entity (CAGE) Code).

*Serial number within the enterprise identifier or unique serial number* 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 number or serial 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 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 number* means each item of a particular part number is assigned a unique serial number within that part number assignment. The enterprise is responsible for ensuring unique serialization within the part number within the enterprise identifier.

*Unique item identification* means marking an item with machine-readable data elements to distinguish it from all other like and unlike items.

*Unique item identifier* means a set of data marked on items that is globally unique, unambiguous, and robust enough to ensure data information quality throughout life and to support multi-faceted business applications and users.

*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/uid>.

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

(c) *Unique item identification*.

(1) The Contractor shall provide DoD unique item identification, or a DoD recognized unique identification equivalent, for—

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

(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 \_\_\_\_\_

(iii) Subassemblies, components, and parts embedded within items as specified in Exhibit Number \_\_\_\_\_ or Contract Data Requirements List Item Number \_\_\_\_\_.

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

(3) *Data syntax and semantics*. The Contractor shall—

(i) Mark the encoded data elements (except issuing agency code) on the item using any

of the following three types of data qualifiers, as specified elsewhere in the contract:

(A) Data Identifiers (DIs) (Format 06).

(B) Application Identifiers (AIs) (Format 05), in accordance with ISO/IEC International Standard 15418, Information Technology—EAN/UCC Application Identifiers and ASC MH 10 Data Identifiers and ASC MH 10 Data Identifiers and Maintenance.

(C) Text Element Identifiers (TEIs), in accordance with the DoD collaborative solution "DD" format for use until the final solution is approved by ISO JTC1/SC 31. The DoD collaborative solution is described in Appendix D of the DoD Guide to Uniquely Identifying Items, available at <http://www.acq.osd.mil/uid>; and

(ii) Use high capacity automatic identification devices in unique identification that conform to ISO/IEC International Standard 15434, Information Technology—Syntax for High Capacity Automatic Data Capture Media.

(4) *Marking items*.

(i) Unless otherwise specified in the contract, data elements for unique identification (enterprise identifier, serial number, and, for serialization within the part number only, original part number) shall be placed on items requiring marking by paragraph (c)(1) of this clause in accordance with 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) *Commonly accepted commercial marks*. The Contractor shall provide commonly accepted commercial marks for items that are not required to have unique identification under paragraph (c) of this clause.

(e) *Material Inspection and Receiving Report*. The Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

(1) Description.\*

(2) Unique identifier\*\*, consisting of—

(i) Concatenated DoD unique item identifier; or

(ii) DoD recognized unique identification equivalent.

(3) Unique item identifier type.\*\*

(4) Issuing agency code (if DoD unique item identifier is used).\*\*

(5) Enterprise identifier (if DoD unique item identifier is used).\*\*

(6) Original part number.\*\*

(7) Serial number.\*\*

(8) Quantity shipped.\*

(9) Unit of measure.\*

(10) Government's unit acquisition cost.\*

(11) Ship-to code.

(12) Shipment date.

(13) Contractor's CAGE code or DUNS number.

(14) Contract number.

(15) Contract line, subline, or exhibit line item number.\*

(16) Acceptance code.

\* Once per contract line, subline, or exhibit line item.