PRESERVATION, PACKAGING & MARKING REQUIREMENTS

The offeror shall adhere to the AFMC Form 158, Packing Requirements, specified Department of Defense (DoD) Military Standards, American Society for Testing Materials (ASTM) International, American National Standard Institute (ANSI), Data Item Description(s), DoD specifications, FAR/DAR Clauses, documentation, and marking for the development of military packaging as prescribed in the contract.

MIL-STD 2073-1, Standard Practice for Military Packaging

The offeror shall use MIL-STD 2073-1, to develop military packaging using the decision chart in accordance with the requirements of the section, Section 5 and all Appendices therein. Military packaging requirements shall be documented in accordance with Appendix E and as specified on the Contract Data Requirements List (CDRL). These requirements are generally defined by a twelve-digit position-sensitive code system, as illustrated on figure A-1. Appropriate codes are drawn from those listed in Appendix J. When an item has been determined to be in the special group category, a Special Packaging Instruction shall be required, prepared in accordance with Appendix E and as specified on the CDRL. Furthermore, packaging of hazardous materials shall be developed IAW the requirements specified in A.4. Packaging of classified material shall meet DoD 5220.22M, National Industrial Security Program Operating Manual. Apply when prescribed on the AFMC Form 158, Packaging requirements and DIDs.

ASTM D3951, Standard Practice for Commercial Packaging

The offeror shall apply preservation, packaging, packing, and markings, for specific commodities when prescribed on the AFMC Form 158, Packaging Requirements.

MIL-STD 129, Military Marking for Shipment and Storage

The offeror shall use MIL-STD 129, and adhere to the minimum uniform military marking, labels, requirements for materiel shipment and storage. Additional marking may be required by the contract or the cognizant activity. Shipment planning for supplies, equipment, and ammunition will be as specified in this standard. A marking is the numbers, letters, bar codes, labels, tags, symbols, or colors applied to provide identification and to expedite handling during shipment and storage. The offeror shall also ensure and affix a completed DD Form 1574, Serviceable Tag-Materiel or DD Form 1574-1 (not required for Hazardous Material), Serviceable Label- Materiel to each unit pack or intermediate container and prime outer container(s). The tag or label will indicate the condition(s) of the materiel and to identify the individual article or contents, bundle, container to which they are securely attached. Apply when prescribed on the AFMC Form 158, Packaging Requirements.

INTERNATIONAL STANDARDS FOR PHYTOSANITARY MEASURES (ISPM 15) REQUIREMENTS

The offeror shall use the wood packaging material regulation for international trade which describes Phytosanitary (including treatments) that have been approved for wood packaging material and provides for the approval of new or revised treatments. Use the latest revision of (ISPM No. 15), to fabricate wood pallets, skids, load boards, pallet collars, wooden boxes, reels, dunnage, crates, frames, cleats, etc., for worldwide distribution.

ELECTROSTATIC MATERIAL

The offeror shall adhere to pack, mark, label materiel procedures IAW MIL-STD-2073-1, MIL-HDBK-773, ANSI/ESD S20.20, ESD TR20.20 and MIL-STD-129 provisions, (current revisions) when identifying all solid-state devices and modules containing diodes, translators, integrated circuits and/or other microelectronic components sensitive to electrostatic forces.

ITEM TYPE STORAGE CODE (ITSC)

Item Type Storage Code IAW AFMCI24-201. The Item Type Storage Code (ITSC) will be requested as a packaging data element in contracts. Updates to the ITSC will only be approved IAW Chapter 5, paragraph 5.1. Sustainment ITSC updates or changes will be vetted with the platform Life Cycle and the Sustainment Program Office. Wholesale and retail storage activities will need to comply with the ITSC updates.

MIL-STD-147, Palletized Unit Loads

The offeror shall apply provisions and methods of MIL-STD-147 (current revision) to contracts requiring the preparation and shipment of bonded palletized unit loads for DoD facilities. Explosive Unit Loads shall be IAW MIL-STD-1660.

MIL-STD-648, Department of Defense Design Criteria Standard, Specialized Shipping Containers

The offeror shall apply provisions of MIL-STD-648. This standard establishes general design guidelines and associated tests for specialized shipping containers used by the Department of Defense. Definitive requirements for specific containers will be defined by the individual specification, acquisition, or task order. This standard is intended to be used as the basic reference document in all specifications and standards prescribing performance requirements to be applied to a specialized shipping container. Compliance with this intent is expected through normal application of the specification or standard preparation, revision processes.

HAZARDOUS MATERIALS

The offeror shall ensure Hazardous shipments are prepared, label, certified and comply with International Civil Aviation Organization (ICAO), U.S. Code of Federal Regulations (CFR) Title 49, International Air Transport Association (IATA) Dangerous Goods Regulation, International Maritime Dangerous Goods Code (IMDG, Annex 1), and AFMAN24-604, Preparing Hazardous Materials for Military Air Shipments. Packaging shall meet "DOT specification or a United Nation (UN) specification" manufactured in accordance with 49 CFR, Part 178 and the final packages assembled IAW 49 CFR, Parts 100-185 as applicable. A Competent Authority Approval (CAA) shall be acquired from the responsible Associate Administrator or other designated Department official to perform a function requiring prior consent under the Hazardous Material Regulation (HMR). If a symbol is used to represent the manufacturer or the approval agency certifying compliance with 49 CFR 178, subparts L and M, the symbol must be registered with the U.S. Department of Transportation. A copy of the Contractor's Test Report and signed certification that the package configuration meets both CFR and UN requirements shall be made available to the procuring contract office, as required, prior to acceptance or shipment of any portion of the product IAW Contract Data Requirements List (CDRL) (Reference AFMC Form 158).

FED-STD-313, Material Safety Data, Transportation Data, and Disposal Data for Hazardous Materials Furnished to Government Activities

The offeror shall prepare and submit Safety Data Sheets (SDS) IAW FED-STD-313. The SDS shall have applicable identification number(s), e.g., as National Stock Number or Special Item Number. A copy of the SDS shall be provided to the cognizant packaging management office with all prescribed packaging data deliverables.
FAR clause 52.223-3, Hazardous Material Identification and Material Safety Data

SPECIAL PACKAGING INSTRUCTIONS RETRIEVAL & EXCHANGE SYSTEM (SPIRES)

Contractors may request the use of SPIRES website to view item packaging requirements or search for Special Packaging Instruction drawings via the following website: https://spires.wpafb.af.mil/ contractors without access can find more information at https://www.cac.mil

REUSABLE CONTAINERS

The contractor shall safeguard all received reusable shipping containers that meet the requirements of the AFMC Form 158 and are suitable for return shipment of serviceable assets. The contractor shall dispose of and replace unserviceable containers with new containers that meet requirements of the AFMC Form 158. Contact the Product Support Manager and Administering Contracting Office (ACO) for disposition instructions and replacement when Long Life Reusable Container(s) are received in an unserviceable condition.

REPORTING DISCREPANCIES

The contractor shall use Web Supply Discrepancy Report (WebSDR) to submit/reply to a Supply Discrepancy Report (SDR), when improperly packed assets are received/shipped in other than the contracted packaging requirements (coded data or Special Packaging Instructions (SPI) drawings) from Department of Defense (DoD) components or contractor activities. The contractor shall request a WebSDR account via the following website:
https://www.transactionservices.dla.mil/daashome/homepage.asp
(See Defense Logistics Management (DLM) 4000.25-M, Volume 2, Supply Standard and Procedures, Chapter 17, Supply Discrepancy Reporting) http://www.dla.mil/HQ/InformationOperations/DLMS/
Exceptions when no damage has occurred are as follows:
-Items packaged before the current SPI date.
-An alternate pack may be used, provided the prime Air Force Sustainment Complex, Packaging Office at the Air Logistics Complex (ALC) approves and issues a waiver, deviation number, which would be annotated on the exterior container on the lower right-hand portion of the identification side of the container.
-In accordance with Technical Order (TO) 00-85B-3, How to Package Air Force Spares, the contractor may substitute the next larger size fast pack, of the type I or type II to ship transportation priorities 1 and 2 shipments if there is no decrease in any of the container dimensions without the requirement of a waiver deviation.

ASSIST Documents for Specifications Listed in the GSA Index of Federal Specifications, Standards and Commercial Item Descriptions

The contractor shall use the ASSIST website to access specification, standards, data item descriptions documents listed in this contract solicitation:
FAR 52-211-2 Availability of Specifications, Standards, and Data Item Descriptions listed in the Acquisition Streamlining and Standardization Information System
https://quicksearch.dla.mil/

AFSC

406 SCMS/GULAA Attn:

Stephine Lucero

DSN: COMM (801)775-4142

E-mail: Stephine.lucero@us.af.mil

Statement of Work (cont.)

APPLICABLE GOVERNMENT PACKAGING DOCUMENTS

NOTE: UTILIZE THE MOST RECENT REVISION

AFI 24-602V2_AFGM2018-01, *Preparation and Movement of Air Force Cargo*AFMAN

24-604, *Preparing Hazardous Materials for Military Air Shipments* DLMS 4000.25,

Defense Logistics Management Systems, Volume, Change 10,
Supply Standards and Procedures, Chapter 17, *Supply Discrepancy Reporting*

DOT Title 29, *Occupational Safety and Health Administration, Labor* DOT Title 49,

Code of Federal Regulations (49 CFR), *Transportation International Civil Aviation*

Organization (ICAO) *Technical Instructions*

International Air Transport Association (IATA) *Dangerous Goods*

RegulationInternational Maritime Dangerous Goods (IMDG) *Code*

ANSI/ESD S20.20, *Protection of Electrical and Electronic Parts*

ESD TR20.20, *Handbook for the Development of an Electrostatic Discharge Control Program for the Protection of Electronic Parts, Assemblies and Equipment*

ISPM 15, *International Standard Phytosanitary Measure*
Note: Marking Requirements may be found in the American LumberStandards Committee, IncorporatedWood Packaging Material Enforcement Regulations dated November 07, 2014, and ISPM 15.

MIL-STD-2073-1, Change 4, *Standard Practice, for Military Packaging*

MIL-STD-129, Change 1, *Department of Defense Standard Practice Military Marking for Shipment and Storage*

MIL-STD-648, *Department of Defense Design Criteria Standard, Specialized Shipping Containers*

MIL-STD-147, *Palletized Unit Loads*

MIL-HDBK-773, *Electrostatic Discharge Protective Packaging*

TO 00-85B-3, *How to Package Air Force Spares*

FED-STD-313, *Federal Standard: Material Safety Data, Transportation Data and Disposal Data forHazardous Materials Furnished to Government Activities*