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DATA ITEM DESCRIPTION

Title: TECHNICAL DATA FOR MUNITIONS (TDM)

Number: DI-SAFT-80182C

Approved Date: 20140722

AMSC Number: F9486

Limitation:

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: 22 (96TW/SES)

Applicable Forms: N/A

Use/Relationship: This Data Item Description (DID) will be used to obtain the Technical Data for Munitions (TDM) information that is necessary for the safe and efficient storage, maintenance, inspection and transportation of ammunitions and explosives to be stored on the Eglin Test Ranges.

a. This DID meets the requirements of Eglin Air Force Base Instruction (EGLINAFBI) 91-206, Munitions Source Data.

(Copies of this document are available on line at www.e-publishing.af.mil.)

b. This DID contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements for this data included in the contract.

c. This DID is applicable to all research and development munitions requiring storage by military personnel.

d. This DID supersedes DI-SAFT-80182B.

Requirements:

1. Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as cited in the ASSIST at the time of the solicitation or contract.

a. AFMAN 92-201, Explosives Safety Standards

(Copies of this document are available on line at www.e-publishing.af.mil.)

b. TO 11-1-38, Positioning and Tie Down Procedures for Non-Nuclear Munitions

(Copies of this TO are available from www.my.af.mil/ammoprod/wm.)

2. Format. The TDM shall be in the contractor's format.

3. Content. The report shall include the following:

3.1 ITEM DESCRIPTION

a. General: General appearance of the item, including type (fuze, warhead, bomb, etc.), part number, nomenclature, serial numbers, and information for visual identification of the item.

b. Physical and Operational Description: Size, diameter, thickness, energetic composition, etc.

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c. Operational Description: How the item attaches, assembles, and otherwise works with the end item.

d. Detailed Description of Explosive Train: (Include Quantity and Type of each Explosive Component. Include all types energetic materials used in the item, e.g. lithium based thermal batteries/igniters, compressed gasses, etc.)

e. Net Explosives Weight Per Item: (Include total quantity and type of explosives.)

f. Drawings and Schematics (if available).

3.2 TECHNICAL DATA. List all of the following subitems. Write each topic as listed after each subletter and parenthetical number.

a. Inspection Procedures:

(1) List defects which render the item unsafe. Describe each defect by quantity, dimensions, location, or percent of area coverage which is most applicable to the defect being described.

(2) List defects which render the item unserviceable. Describe each defect by quantity, dimensions, locations, or percent of area coverage which is most applicable to the defect being described.

(3) List defects for which the item is still safe and serviceable. Describe each defect by quantity, dimensions, location, or percent of area coverage, whichever is most applicable to the defect being described.

(4) List corrective actions necessary to return an item from unserviceable to serviceable for each defect noted. For any parts replacement, include Part Number and quantity of items to be replaced.

(5) List inspection time interval and percentage sample size for items to be maintained in storage.

NOTE: The above apply to both the item and its container.

b. Packing Criteria:

(1) Quantity per container.

(2) Shipping confirmation.

(3) Packaging instructions.

(4) Container requirements (reusability, humidification and stack height).

c. Storage Criteria:

(1) Shelf and service life are defined as follows:

(a) Shelf Life – Length of time an item can remain in storage under prescribed packaging and storage conditions. Expiration date for shelf life on items with month and year listed is last day of month. The starting point for shelf life determination is the date of production of the item.

(b) Service life – Length of time an item can remain installed in operating configuration or in actual usage. Expiration date for service life will be the last day of expiration month regardless of actual expiration date. Service life will not exceed shelf life of an item.

(2) Temperature limits.

(3) Humidity requirements.

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(4) Stack height.

(5) Requirement for inside or outside storage.

(6) For items covered under National Stock Numbers (NSNs), include the shelf and service life established by the developing contractor based on test and historical data.

(7) For R&D items which have no Federal Stock, include the shelf and service life established by the developing contractor based on test and historical data.

d. Handling Criteria:

(1) Handling procedures (include fragile areas to avoid).

(2) Equipment required for handling item.

(3) Tiedown instructions (reference TO 11-1-38 for like items).

(4) Drop height from which items may be unserviceable. Requires specific footage. When item has been dropped and exceeds this distance, indicate disposition.

(5) List of armed or hazardous conditions indications.

(6) Container design safety features.

e. Emergency Procedures: List any precautions and procedures to be used until Explosive Ordnance Disposal (EOD) or fire-fighting personnel arrive. (If none or not applicable, so state.)

f. Demilitarization Code: Make one of the following statements:

“Demilitarization Code G” (If item contains explosives.)

“Demilitarization Code B” (If item is inert.)

g. Security Classification: Classified and sensitive items shall be accompanied by a statement of required safeguards and necessary storage requirements. Controlled Inventory Item Code (CIIC) must be included. The TDM must include proper distribution statements and marking classifications.

h. Unit Cost: Actual or estimated unit cost.

4. End of DI-SAFT-80182C.