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DATA ITEM DESCRIPTION

Title: TECHNICAL DATA PACKAGE

Number: DI-SESS-80776A
AMSC Number: 9361
DTIC Applicable: N/A
Office of Primary Responsibility: AM
Applicable Forms: N/A

Approval Date: 9 April 2013
Limitation: N/A
GIDEP Applicable: N/A

Use/relationship: Technical Data Package contains a technical description of an item suitable for use as the basis for competitive acquisition, production, installation, modification, engineering support, maintenance and logistics support of military material developed by of for the Department of Defense.. The description defines the required design configuration or performance requirements, and procedures required to ensure adequacy of item performance. It consists of applicable technical data such as models, drawings, associated lists, specifications, standards, performance requirements, quality assurance provisions, software and memory device documentation and packaging details.

a. This Data Item Description (DID) contains the format and content preparation instructions for Technical Data Package resulting from the work task described by 5.3.3 of MIL-STD-31000.

b. When this DID, in whole or in part, is incorporated in a contract, DIDs applicable to individual parts of a TDP shall not be incorporated as separate requirements.

c. This DID supersedes DI-CMAN-80776.

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 specified in the contract.

2. Content. Technical Data Package shall include one or more of the following:

a. Conceptual design drawings/models in accordance with MIL-STD-31000-5.3.3.1

b. Developmental design drawings/models and associated lists in accordance with MIL-STD-31000- 5.3.3.2

c. Production drawings/models and associated lists in accordance with MIL-STD-31000-5.3.3.3. They shall document directly or by reference the following, as applicable:

(1). Details of unique processes, i.e., not published or generally available to industry, when essential to design and manufacture.

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(2). Performance ratings.

(3). Dimensional and tolerance data

(4). Critical manufacturing processes and assembly sequences.

(5). Toleranced input and output characteristics.

(6). Diagrams.

(7). Mechanical and electrical connections.

(8). Physical characteristics, including form, finishes, and protective coatings.

(9). Details of material identification, including material condition, and mandatory treatments and coatings.

(10). Inspection, test and evaluation criteria.

(11). Equipment calibration requirements.

(12). Quality assurance requirements.

(13). Hardware marking requirements.

(14). Requirements for reliability, maintainability, environmental conditioning, shock and vibration testing and other operational or functional tests.

(15). Vendor substantiation data when required by the contract or purchase order.

(16). Requirements for programming software into devices or assemblies including a description of the input media and the procedures for validating that the software has been installed correctly.

(17). Special consideration items and processes.

d. Commercial drawings/models and associated lists in accordance with MIL-STD-31000-5.3.3.4

e. Special Inspection Equipment (SIE) drawings/models and associated lists in accordance with MIL-STD-31000-5.3.3.5

f. Special Tooling (ST) drawings/models and associated lists in accordance with MIL-STD-31000-5.3.3.6

g. Specifications in accordance with MIL-STD-31000-5.3.3.7

h. Software documentation in accordance with MIL-STD-31000-5.3.3.8

i. Special Packaging Instruction (SPI) documents, drawings/models and associated lists in accordance

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with MIL-STD-31000-5.3.3.9

j. Quality assurance provisions in accordance with MIL-STD-31000-5.3.3.10

3. End of DI-SESS-80776A.