DATA ITEM DESCRIPTION

Title: TECHNICAL DATA PACKAGE (TDP)

Number: DI-SESS-80776B
AMSC Number: 10057
DTIC Applicable: No
Preparing Activity: MI
Applicable Forms:

Approval Date: 20190801
Limitation:
GIDEP Applicable: No
Project Number: SESS-2019-028

Use/relationship: A TDP is the authoritative technical description of an item which is clear, complete, and accurate, and in a form adequate for its intended use. This technical description supports the acquisition, production, inspection, engineering, and logistics of the item. The description defines the design, configuration, performance requirements, and procedures necessary to ensure essential interface and effective item performance. It consists of applicable technical data, such as: models, drawings, associated lists, engineering design data, specifications, standards, performance requirements, quality assurance provisions, software documentation, and packaging detail.

a. This Data Item Description (DID) contains the format, content, and intended use information for the data deliverable resulting from the work task described in paragraph 5.4 TDP elements, MIL-STD-31000B, Technical Data Packages (available online at https://quicksearch.dla.mil), to the extent required by the contract.

b. This DID supersedes DI-SESS-80776A.

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. Format. Deliverable TDP elements shall be in the Government's format as specified on the TDP Option Selection Worksheet incorporated into the contractor or purchase order, or contractor format.

3. Content. The TDP shall include one or more of the following elements:

a. Conceptual engineering design data in accordance with MIL-STD-31000B paragraph 5.4.1.1,

b. Developmental engineering design data and associated lists in accordance with MIL-STD-31000B paragraph 5.4.1.2,

c. Product engineering design data and associated lists in accordance with MIL-STD-31000B paragraph 5.4.1.3. The product design data 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.

(2) Performance ratings.

(3) Dimensional and tolerance data.

(4) Critical manufacturing processes and assembly sequences.

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(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) All required certifications, special inspections, and other environmental, operational and functional testing necessary to ensure intended performance.

(15) Vendor substantiation data.

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

(17) Special consideration items and processes.

d. Commercial engineering design data and associated lists in accordance with MIL-STD-31000B paragraph 5.4.1.4,

e. Special Inspection Equipment (SIE) engineering design data and associated lists in accordance with MILSTD-31000B paragraph 5.4.2,

f. Special Tooling (ST) engineering design data and associated lists in accordance with MIL-STD-31000B paragraph 5.4.3,

g. Specifications in accordance with MIL-STD-31000B paragraph 5.4.4,

h. Software documentation in accordance with MIL-STD-31000B paragraph 5.4.5,

i. Special Packaging Instructions (SPI) engineering design data and associated lists in accordance with MIL-STD-31000B paragraph 5.4.6,

j. Quality Assurance Provisions (QAPs) in accordance with MIL-STD-31000B paragraph 5.4.7.

End of DI-SESS-80776B.

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