

DATA ITEM DESCRIPTION

Title: ENGINEERING DRAWING TREE

Number: DI-DRPR-81961

Approved Date: 20140227

AMSC Number: F9455

Limitation: N/A

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: 11 (AFLCMC/EZSC)

Applicable Forms:

Use/Relationship: The Engineering Drawing Tree identifies the interrelationships of engineering drawings and associated lists that comprise the total engineering data package prepared for each equipment/system configuration.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

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 solicitation or contract. System (ASSIST) Update, <http://quicksearch.dla.mil> at the time of solicitation.

2. Format: The engineering drawing tree shall be in a block diagram format that identifies all system, subsystem, equipment drawings to be delivered as part of the drawing package and those drawings previously delivered that are applicable to the current program. The drawing tree also is to include commercial drawings, Mylar Drawings, Vendor Item Control Drawings (VICD) and Top Mod Index. The tree shall be structured in top down breakdown order, at the lowest level of assembly (lowest repairable unit) or the lowest component or piece part, as specified in Block 16 of DD Form 1423, Contract Data Requirements List. Each authorized variation in configuration of the equipment/system shall be identified by a separate tree.

3. Content: The engineering drawing tree identifies all system, subsystem, and equipment drawings to be delivered as part of the drawing package.

3.1 Each block diagram shall include:

- a. Drawing number
- b. Title of the drawing.
- c. Reference designation if required (see ASME Y14.100, Engineering Drawing and Related Documentation Practices).

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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(Copies of the ASME document are available on line at www.asme.org/ or from ASME International, Three Park Ave., M/S 10E, New York, NY 10016-5990.)

d. Reference Marking for Data Rights (i.e., U= Unlimited, L=Limited, GPR= Government Purpose Rights etc.) in accordance with the Defense Federal Acquisition Regulation Supplement (DFARS), Sections 252.227-7013, Rights in Technical Data--Noncommercial Items; 252.227-7014, Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation; and 252.227-7015, Technical Data--Commercial Items.

e. Distribution Statement (i.e., A, B, C, D, E etc.) contained in DoDI 5230-24, distribution Statements on Technical Documents.

(Copies of the DFARS are available online at www.acq.osd.mil/dpap/dars and copies of the DoDI are available online at www.dtic.mil/whs/directives/index.html.)

3.2 For a system drawing tree, page one shall be a block diagram depicting the subsystems or major assemblies, that will be used as an index for the detailed drawing tree that follows.

4. End of DI-DRPR-81961.