DATA ITEM DESCRIPTION (DID)

Title: CONFIGURATION AUDIT PLAN (MIL-STD-3046)

Number: DI-SESS-81886   **Approval Date:** 28 February 2013
AMSC Number: 9307   **Limitation:** N/A
DTIC Applicable: No   **GIDEP Applicable:** No
Office of Primary Responsibility: A/ARDEC (AR)
Applicable Forms: N/A

Use/Relationship: The Configuration Audit Plan provides information required for conducting Functional Configuration Audits and Physical Configuration Audits. This DID is applicable to system/equipment acquisition contracts containing requirements for configuration audits.
It is not intended that all the requirements contained herein should be applied to all configuration audits. Portions of this DID are subject to tailoring, depending on the scope of the particular audit.

This DID contains the format, content and preparation instructions for the data product resulting from the work task specified in the solicitation.

This DID is approved for use by the US Army to support the Army interim standard MIL-STD-3046, which will be canceled when a suitable non-government standard is developed or until two years from the date of the standard.   When MIL-STD-3046 is canceled, this DID will also be canceled.

Requirements:

1. Reference documents.

       a. MIL-STD-3046 Standard for Configuration Management
       b. MIL-HDBK-61A Configuration Management Guidance (guidance only)
       c. ANSI/EIA-649B, National Consensus Standard for Configuration Management (guidance only)
       d. IEEE 828 Standard for Configuration Management in Systems and Software Engineering (guidance only)

2. Format. The Configuration Audit Plan shall be in contractor format.

3. Content. The Configuration Audit Plan shall be prepared in accordance with MIL-STD-3046. Use of ANSI/EIA-649B, IEEE 828 and MIL-HDBK-61A for guidance is encouraged:

3.1 Purpose of the audit. State the purpose and objectives of the audit in terms of the contract requirement for the audit.

3.2 Hardware Configuration Items (HWCIs) to be audited. Identify each HWCI by:

       a. Nomenclature
       b. Specification identification number

c. Serial number
d. Other applicable identification numbers.

3.3 <u>Computer Software Configuration Items (CSCI) to be audited</u>. Identify each CSCI by:

a. Software title.
b. Code identification number.
c. Software inventory numbering system.
d. Drawing and part number.
e. Specification identification number.
f. Other applicable identification numbers.

3.4 <u>Documentation to be audited</u>. Identify the following, applicable:

a. Engineering drawings.
b. Model based definitions.
c. Applicable specifications.
d. Test plans and procedures.
e. Operating and support manuals.
f. Configuration documentation release procedures.
g. Quality assurance documentation and procedures.
h. Engineering change proposals.
i. Requests for variances.
j. Software descriptions flow charts, manuals and lists.

3.5 <u>Reference materials</u>. Identify the following supporting documentation as applicable:

a. Systems engineering technical data.
b. Trade study results.
c. Producibility analysis results.
d. Risk analysis results.
e. Reports.
f. Hardware and software mockups.
g. Variance list.
h. Minutes of related prior reviews.

3.6 <u>Scope of audit</u>. Include the following:

a. Summary of the hardware and software contractual requirements against which the audit will be conducted as specified in work statements, specifications and approved plans.
b. Outline of the proposed audit procedure for each item to be audited.

3.7 <u>Location(s) and date(s)</u>. Identify proposed date(s) and location(s) for the audit(s).

3.8 <u>Team composition</u>. Identify:

a. Contractor representatives and their function in the audit.
b. Proposed Government participation and functions in the audit.

3.9 <u>Administrative requirements</u>. Include:

      a. Description of facilities and support equipment to be available.
      b. Administrative support to be available.
      c. Security requirements.

(Copies of ANSI/EIA-649B are available online at www.techamerica.org/ or from TechAmerica, 601 Pennsylvania Ave., NW, North Building, Ste 600, Washington DC 20004-2650. Copies of IEEE 828 are available online at www.ieee.org or from IEEE Service Center, 445 Hoes Lane, Piscataway NJ 08855- 1331.)

END OF DI-SESS-81886