DATA ITEM DESCRIPTION

Title: **ENGINEERING CHANGE PROPOSAL (ECP)**

Number: DI-CMAN-80639C **Approval Date:** 20000930
AMSC Number: D7388 **Limitation:** N/A
DTIC Applicable: No **GIDEP Applicable:** No
Office of Primary Responsibility: D/DUSD(AT&L)SE
Applicable Forms: N/A

Use, Relationships: An Engineering Change Proposal (ECP) provides the documentation in which the engineering change is described. It includes change impacts to systems, configuration items and other associated configuration documentation affected by the proposed change. In addition, it typically describes how the proposed change will be implemented along with providing estimated schedules and associated costs.

This Data Item Description (DID) contains the format, content and preparation instructions for the data product resulting from the work task specified in the contract. This DID is used in conjunction with a Notice of Revision (NOR) (DI-CMAN-80642B). A requirement for NORs should be contractually imposed in conjunction with this DID.

Data Item submittal in Extensible Markup Language (XML) is acceptable. An XML Document Type Definition (DTD), associated XML document template, and other information is available from http://www.geia.org/836/

This DID supersedes DI-CMAN-80639B.

Requirements:

1. Reference documents. The applicable issue of any 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 and content. The Engineering Change Proposal (ECP) shall be prepared in contractor format. . The ECP content shall include, where applicable, the following information:

a. the change priority, change classification, and change justification

b. a complete description of the change to be made and the need for that change

c. complete listing of other configuration items impacted by the proposed change and a description of the impact on those CIs.

d. proposed changes to documents controlled by the government.

e. proposed serial (or lot) number effectivities of units to be produced in, or retrofitted to, the proposed configuration.

f. recommendation about the way a retrofit should be accomplished.

g. impacts to any logistics support elements (such as software, manuals, spares, tools, and similar) being utilized by government personnel in support of the product.

h. impacts to the operational use of the product

i. complete estimated life-cycle cost impact of the proposed change

j. milestones relating to the processing and implementation of the engineering change

ATTACHMENT 008

The following references may be useful in defining content: MIL-HDBK-61, Configuration Management Guidance (paragraph 4.2 and Table 4-6) and ANSI/EIA-649-1998, National Consensus Standard for Configuration Management (paragraph 5.3.1).

END OF DI-CMAN-80639C.