

# Senior Engineer's Task Description

JEDMICS - CECOM presented an excellent briefing on transitioning from JEDMICS to a PDM system. ACTIONS:

(1) CECOM will prepare a generic model (events, costs and schedule (timetable) for conversion from JEDMICS to a PDM. To the maximum extent possible, all elements of the model will be based on parameters which are scaleable based on site and data requirements. Model will be used by the PD FCG to develop its cost model and project proposal and by HQs AMC personnel in discussion with OSD on the emerging PDM strategy. OPR: CECOM

(2) The PD FCG will **prepare cost proposal, funding documentation and AIB project proposal** for AMC **to transition from JEDMICS to a PDM system**. Package will be developed for an **AMC-wide transition considering site and data variations**, e.g.

a. CECOM will use AUTOTROL Centra 2000 but will replace needed JEDMICS output devices or modules.

b. SBCCOM will use Work Group Technologies CMS, but replace any needed JEDMICS devices or modules.

c. TACOM will acquire PDM based on ACMS performance specification.

d. AMCOM will determine how to best to replace JEDMICS and modify/upgrade existing ICAPP/EDIS/TD/CMS systems or obtain a PDM based on ACMS performance specification.

e. Depots will replace JEDMICS with PDM based on ACMS performance specification.

OPR: AMSAA-RI

(3) The EDMS PM will provide technical support and expertise. OPR: AMCOM - PM EDMS

Responsibility for action: PD FCG, **suspense next AIB meeting or 22 Sep 99 which ever is later.**

# Decision Package Requirements Business Case)

- Level of detail required
  - Tailored to fit the circumstance
  - Tailored to meet dollar requirements
- Procedure: Package submitted to AIB by Sub-group Chairperson
- Package content
  - Existing situation
    - Actual requirement and source
      - how we are doing it today
      - specific problem areas
      - current resource requirements (people, hardware, software, etc.)
      - current process cycle time
      - impacts on operation
      - interfaces and dependencies
    - Scope and/or applicability

*Keep it brief & simple; objective is an abbreviated EA & business process impact*

*What are we doing now & why do we need an IT improvement or change*

- **Package Content** (continued)

- **Proposed Solution Analysis**

- Alternatives considered

- evaluation
      - cost benefit

- Comparison of alternatives

- how we are planning to do it
      - specific problem areas solutions
      - resource requirements (people, hardware, software, etc.)
      - process cycle time
      - impacts on operation
      - interfaces and dependencies

- Proposed Solution

- Summary of major improvements

*What IT solutions were considered and why*

*Evaluate / compare alternatives (at least two)*

*Identify winning solution and tell how it best solves the need*

- Package Content (continued)

- Implementation Plan

- risk management plan
    - data conversion plan
    - Government resources required
    - contract resources required
    - obligation plan
    - program schedule

- Sustainment plan

- tech refresh plan
    - operation costs
    - maintenance
    - disposal

*For the recommended solution, how / when will it be developed, deployed, and maintained*

# Project Outline

- Existing Situation
  - Parts of JEDMICS are becoming obsolete and unsupported
  - Sites employing TD/CMS are not able to effectively manage multiple baselines and data formats.

# Project Outline

- Proposed Solutions
  - Alternatives Considered
    - Upgrading JEDMICS
    - Replacing JEDMICS and where applicable, TD/CMS, with a Product Data Management system
      - Description by site
  - Comparison of alternatives
  - Proposed solution

# Project Outline

- Implementation Plan
  - Given by site
  - Costs broken down by
  - Hardware, Software, Data Conversion, Training  
by FY starting in FY 00

# Milestones

- Minutes have been issued that assigns task
- CECOM to furnish cost model - 30 Aug 99
- MSC input provided - 20 Aug 99
- Draft Project issued for PD FCG review - 3 Sep 99
- Project Submitted to AIB - 15 Sep 99
- AIB meeting - 22 Sep 99