



Army Update to NDIA Program Management Systems Committee

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Purpose



To provide an update on the Earned Value Management Limited Implementation Study



Agenda

- **Background**
- **Approach**
- **Methodology**
- **Schedule**
- **Road Ahead**



Background



- **Problem Statement:**
 - EVM does not have a consistent or meaningful role in the management and oversight of Army programs.
 - Lack of visible leadership interest (too cumbersome)
 - Inconsistency in PM emphasis
 - Age of data
 - New automation systems should meet the Net Centric Enterprise Service (NCES) tenets
 - Enterprise web-based software
 - Only Handle Information Once
 - Pull versus Push
 - Centrally funded and managed



Background (cont'd)

- **2002 Pilot:**
 - Demonstrated potential
 - Limited by software maturity, transition of data to PMs, 9/11
 - Did not demonstrate readiness for implementation
- **2004 Limited Implementation and Feasibility Study:**
 - Objective
 - Validate the viability of enterprise software to strengthen the role of EVM in the management and oversight of acquisition programs
 - Better timeliness, visibility, reaction to trends, cost/schedule integration
 - At lower overall cost, risk
 - With tools consistent w/ a NCES driven Advanced Collaborative Environment (ACE)



Approach

Excerpt from March 2004 Implementation Memo:

- “I have chartered a study to assess the implementation and use of EVM software on Army programs. Initial efforts will address the **Black Hawk** and **Force XII Battle Command Brigade-and-Below (FBCB2)** programs. Should the study demonstrate the advantages we hope to achieve, and the independent evaluation and resulting Business Case Analysis justify enterprise implementation, I plan to fund such an effort for all programs starting in FY 05.”



Approach (cont'd)



- **EVMS System Requirements:**
 - Access & use EVM (cost & schedule) data stored at a large number (>25) of distributed remote facilities. And without duplicating or storing that data, provide large numbers of simultaneous (>25) remote users (not necessarily co-located with the data), with robust EVM analysis and display of that data.
 - Provide a robust & fully integrated analysis of schedule & cost data.
 - Integrate, analyze and display data and analysis results from multiple acquisition programs. Displays should accommodate both single program and multiple program results.
 - Support “canned” or predefined analysis/display scripts that enable analyses and displays of EVM data
 - Support a robust set of role-based business rules that control access, visibility and user functionality based on a wide variety of user roles.
- **Dekker selected as most Capable of the Bidding Vendors**



Methodology



- Develop Statement of Work based on Evolving Business Processes
- Develop Implementation and Execution Plan
- Work through LSI for competitive selection of EV tool
- Procure software and licenses
- Install software on server at ALTESS
- Facilitate in establishing remote access to EVM and Schedule data at contractor's facility
- Enable use of EVM software in execution of headquarters' oversight function
- Evaluate Revised Business Process



Methodology (cont.)



- **Conduct Business Case Analysis**

- Determine As-Is Business process
- Determine To-Be Business process
- Perform cost analyses and cost-benefit analysis
- Determine conclusions and recommendations (with implementation plan, if recommended.)



Road Ahead



- **Near Term**
 - Begin/Continue On-site EVM Training
 - Ensure remote access on ALTESS server
 - Finalize location of data for analysis
- **Long Term**
 - Continue training
 - Perform analysis of Revised Business Process
 - Produce interim/final Business Case Analysis
 - Go/No Go decision for Army-wide selection and implementation of Revised EVM processes