

PM DEMIL Integrated Enterprise Planning and Execution (IEP&E) (Task N.0800)

Statement of Need

The Demilitarization Enterprise (DE) has been challenged by Army and Office of the Secretary of Defense (OSD) to change from the status quo to a dynamic business operating strategy and environment that provides continuous improvement through results achieved by synergistic efforts to perform faster, better, and cheaper – Do More without More. The DoD has mandated the Better Buying Power initiative to gain greater efficiency and productivity. The acquisition of DoD products and services and the budget system are driven by validated mission needs that are translated and developed into operational requirements. These requirements drive materiel (including technology) and non-materiel solutions that compose the Planning, Programming, and Budget System (PPBS), and provide operational capability to the DE. The purpose of this overall task was to provide PM Demilitarization (PM Demil) with technical support on the demonstration of technology solutions to improve efficiency through munitions lifecycle solutions planning.

Technical Approach

Under this Task, the Project Team developed the Demilitarization Enterprise Strategic Planning (DESP) Process, which provides a standardized methodology to be utilized by the DE to validate requirements for demil execution and investment planning. The NDCEE assisted PM Demil in developing, implementing, and performing initial execution of the DESP Process. The objective of the DESP Process is to provide a framework for formulating a single, requirements-based strategy for demil that equally serves all the stakeholders. The DESP Process is employed to identify and recommend demilitarization enterprise execution priorities and capability solutions that enable achievement of conventional ammunition stockpile reduction goals and strategic goals through improved operational efficiency and effectiveness. The Process is designed to avoid duplication of effort, improve the DoD's return on technology investments, and help the DE reduce technical, cost, schedule, and/or regulatory risks associated with implementing new solutions.

The NDCEE supported the drafting of the Procedural Guide that documents the standardized methodology outlined by the DESP Process as well as the initial implementation of the Process. To complete this effort the team visited the stakeholders at Joint Munitions Command (JMC), JMC Technology (JMC-Tech), Aviation and Missile Life Cycle Management Command (AMCOM) and PM Demil to determine which criteria are utilized to identify the demilitarization priority of the items in the stockpile. The NDCEE documented the existing procedures utilized by each stakeholder to identify priority items in the stockpile and then analyzed these procedures to determine an optimal process to be utilized by all stakeholders. The Process provides a means to review and identify the requirements for demilitarization of the stockpile, assess

current and future capabilities, and recommend solutions to capability gaps. The results of this task were delivered to PM Demilitarization as a Procedural Guide Draft.

Utilizing the DESP Process, the NDCEE assisted the DE with developing a list of requirements for demilitarization of the current stockpile and documenting the findings in the Baseline Phase I Documentation. NDCEE collected data from site visits to seven demil locations (Hawthorne Army Depot, NV; Crane Army Ammunition Activity, IN; Anniston Defense Munitions Center, AL; Blue Grass Army Depot, KY; Tooele Army Depot, UT; Letterkenny Munitions Center, PA; and McAlester Army Ammunition Plant, OK) to assess current and future capabilities within the organic base. This information was incorporated into a variety of Process-generated documentation. The NDCEE leveraged information from NDCEE Task 710 on the technologies available enterprise-wide and made recommendations for future technology incorporation to fill gaps and address the requirements and priorities established by the DE.

The NDCEE utilized the data collected throughout the Task to develop Demil Enterprise Optimization Business Recommendations and perform business case analysis, business plan feasibility studies, alternatives analysis, cost benefit analysis, performance measurements and business process re-engineering, and return on investment analysis to support recommendations for optimization of business operations.

Results and Benefits

This project enabled PM Demil to implement the DESP Process which created a standardized process for developing demilitarization requirements. This Process will be utilized by the DE to analyze the stockpile enabling the customer to take a requirements-based approach to acquisition.

Technology Transfer and Outreach

This project created and documented the DESP Process which was transferred to PM Demil, AMCOM, JMC and JMC-Tech. The analysis done on the project also suggests future technologies to be incorporated into the demil enterprise and provided business case analyses to support the incorporation of these new technologies, as well as improvement ideas for existing capabilities.

Government POC
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Status
Complete

