

* NWD Comments Included.

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Military Program-Specific Information - REF8011

Scope

This reference document describes the Work Breakdown Structure, Milestones, Activity templates, and Comments used on projects falling under the military program, including Military Construction (MILCON), Reimbursable (O&M, etc.), and other programs, such as Real Estate support. There is also a section on contingency development and usage within the military program.

Distribution

Project Manager (PM)

Project Delivery Team (PDT)

Ownership

The BP/P2 Configuration Manager is responsible for ensuring that this document is necessary and that it reflects actual practice.

Work Breakdown Structure (WBS)

01000	Project Management Plan Documents
10000	Project Development Documents
20000	Investigation Products
30000	Design Procurement Products
40000	Design Products
41000	Project Definition Phase (15%)
42000	Concept Design Phase (35%)
42400	Value Engineering
43000	Preliminary Design Phase (65%)
44000	Final Design Phase (95%)
45000	Ready-to-Advertise Design Phase (100%)
50000	Construction Procurement Products
60000	Construction Products
61000	Work Agreement
62000	Construction Management
70000	Fiscal Closeout Products
80000	Operation and Maintenance Products
90000	Real Estate Products

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All projects falling under the military program will use the same Work Breakdown Structure. Few (if any) projects will have activities within all of the WBS.

Milestones

Milestone No.	Milestone Name	Remarks
006	Start Development of PMP	
009	Project Management Plan Approval	
012	Design Criteria Available	
018	AE Contract Award	
021	Initiate RE Acquisition	
025	Design Start	
403	Receive S1 Submittal	Medical Project
405	Receive Parametric Design (15%) Submittal	S2 for Medical
030	Parametric Design (15%) Complete	For projects with PD (formerly Project Definition for Army)
412	Receive Concept (30%) Submittal	
031	Concept (35%) Design Complete	For projects with a concept design
036	Start Final Design	
039	Complete RE Acquisition	
415	Receive 65% Submittal	
425	Receive Final (90%) Submittal	
430	Receive 100% Submittal	
435	Receive Corrected Final Submittal	
042	Final Design Complete/RTA	
445	BCOE Certification Response: accepted	
	Receive Authority to Advertise	
	Planning PR&C to CT (Construction)	
101	Issue Presolicitation Notice in CBD	
045	Advertise	Issue IFB, RFP, etc.
048	Construction Contract Bid Open/Receipt of RFP	
051	Construction Contract Award	
054	Notice to Proceed (NTP) Acknowledged	
066	Beneficial Occupancy Date	
069	Actual Contract Completion	Physical contract completion.
	Warranty Inspection	
	End of Warranty Period	
072	Construction Contract Closeout	Fiscal completion of a contract.
450	Project Fiscally Complete	All contracts complete and funds returned.

There is nothing sacrosanct about the milestone numbers. The names are what we need to have standard. Milestones are activity codes within P3e and are assigned to activities that are designated as type “milestone”.

The milestone “Project Management Plan Approval” is required on all but the simplest of projects. “Design Start” will be used as the designated start of studies as well as actual design. Either “Parametric (15%) Design Complete” or “Concept (35%) Design Complete” will be used on ALL Military Construction (MILCON) projects. “Start Final Design” will also be used on ALL MILCON projects. “Final Design Complete/RTA” will be used on ALL projects which include construction activities and to designate the completion of studies. ALL projects proceeding to construction will include “Advertise”, “Construction Contract Bid Open”, “Construction Contract Award”, “Notice to Proceed (NTP) Acknowledged”, “Beneficial Occupancy Date”, “Construction Contract Closeout” and “Project Fiscally Complete”. The remaining milestones are made available for use by individual districts/centers/regional business centers for their use in managing their individual projects/programs. Many of these are included in the activity templates but their use is optional.

Activity templates

There is no template to cover a combination of AE design and In House Staff. Without seeing the templates it is difficult to understand how difficult it will be to modify the templates. It is not desirable to split disciplines or create multiple product schedules when the effort is interdependent for a single project for our customer. Response: This combination is covered by your activities and resource estimates. Use whichever of the templates fits your needs.

A number of activity templates have been developed to aid in the establishment of projects within P3e. They include activities, milestones and schedule logic. Activities can be added, modified, deleted, or ignored based on the requirements of the particular project. Caution should be used in deleting milestone activities to ensure that all mandatory milestones remain. The user can create their own activity schedule and logic, but in doing so, must make sure that all mandatory milestones are included at the appropriate location in the schedule logic to capture required data.

A-E Design Bid Build – Activity template for projects designed by an A-E that include a 15% submission and then proceed to 95%.

A-E Design Bid Build with 65% - Activity template for projects designed by an A-E that include a 15% submission, but also include a 65% submission prior to proceeding to 95%.

A-E Design/Build – Activity template for design/build RFP’s developed by an A-E.

A-E Medical Design Bid Build – Activity template for medical projects design by A-E, including all intermediate submissions (S1, S2, etc.) as well as presentations to DMFO, leading to a fully designed medical project.

A-E Study – Activity template for larger studies that are performed by A-E.

Environmental Study – Activity template for simpler/shorter duration studies.

Hired Labor Design Bid Build – Activity template for projects designed by in-house forces that include a 15% submission and then proceed to 95%.

Hired Labor Design Bid Build with 65% - Activity template for projects designed by in-house forces that include a 15% submission, but also include a 65% submission prior to proceeding to 95%.

Hired Labor Design/Build - Activity template for design/build RFP's developed utilizing in-house forces.

Hired Labor Study – Activity template for larger studies that are performed by in-house forces.

IDIQ Task Order/Small Project – Simplified activity template for projects executed under an IDIQ task order or other simplified procurement strategy requiring little or no design.

Real Estate Acquisition – Activity template for acquisition of real estate.

Real Estate Disposal – Activity template for disposal of lands no longer required by the government.

Real Estate Outgrant – Activity template for award of an outgrant.

Homeowners Assistance Program – Activity template for executing the Homeowners Assistance Program (HAP).

Comments

In P3e, notebook fields can be assigned at the project, WBS, or activity level (or multiple levels). There will be five types of notebook fields at the project level used for specific purposes as defined below.

Synopsis – A short project description (paragraph or less) used in reports, fact sheets, etc.

Detailed Project Scope – Complete details of the scope of the project as defined in the DD 1391 or provided by the customer. This field will be updated to reflect the current agreement with the customer on the scope of the project.

Status – Brief status of the project for use in reports. This field is NOT to be used to discuss project issues.

Issues for Higher Headquarters/Customer – Issues that are included in upward reporting and reports to the customer.

Issues for Internal Use Only - Issues that are for use within a district/center prior to their release to Higher Headquarters or the customer, such as issues to be addressed by the PRB. These issues may be resolved without release to Higher Headquarters or the customer.

Contingency

Contingency funds are program or project funds that have been set aside Response: accepted, or reserved, to cover program or project uncertainties. Ideally, the greater the uncertainty of a

program or project, the greater the percentage of available funds set aside as program or project contingency funding.

Many customers and agency programs have established/negotiated unique definitions of contingency funds, based on a set percentage of total programmed funds. Some customers, like the US Air Force, have established USACE-wide criteria for the use of contingency funds, requiring coordination and approval outside of the responsible USACE MSC or PDT membership.

Program managers are responsible for coordination and approval of such actions outside of the MSC or PDT membership. Program managers must certify that USACE approved, customer contingency funding criteria have been met before authorizing ~~use of such funds~~ distribution of such funds. [Response: reworded.](#)

The PDT is responsible for developing project budgets, identifying the level of uncertainty, and including an appropriate amount of contingency in the budget.

Budgets for studies, designs and construction will be developed by the PDT and include a contingency amount commensurate with the level of uncertainty associated with the particular study or design. There is not a separate line item for contingency in a design or study, but the level of effort used in the development of the project budget will include a contingency amount of effort to deal with the level of uncertainty in the design/study effort on a particular project.

Estimated construction costs will include a contingency amount based on the level of design detail and uncertainty (i.e., a 15% design estimate would have a higher contingency in the estimate than a 95% design estimate). This is not to say that the contingency line item in the construction estimate will be adjusted, just that the components of the estimate will include a contingency amount based on the uncertainty of the particular component.

A current working estimate (CWE) will be prepared at each design submission and include a contingency amount as specified by the provider of the funds (Air Force, Army, DPW, BCE, or other military customer). Supervision and Administration (S&A) will be calculated based on the estimated or actual contract amount plus allowed contingency and included in the CWE.

Mandatory changes will be funded from the contingency amount when adequate contingency is available. Costs above the available contingency must be addressed by securing additional, appropriate customer funds or reductions in construction scope. User changes must be approved by the appropriate authority and are funded using contingency funds or additional customer funds.

Contingency funds shall not be distributed to a specific program or project activity by anyone other than the responsible program manager or his/her designated representative.

Distribution can be made to a specific activity only after established program/project specific requirements have been met, certified and approved by the program manager or designated representative.

The Program Manager may delegate approval and certification of contingency funds to a designated representative (usually the PM). However, the Program Manager:

- Must make such delegations by name.
- May designate no more than one representative per project.
- May change representatives at any time during the life of a project.

The Program Manager's appointment cannot be further delegated. A single individual may be delegated contingency fund authorization for multiple projects.

Contingency funds may be stored in a separate work item if desired, but that is not a requirement.

The PM is responsible for reporting any remaining funds to RM for return to the customer upon project completion.

Supervision and Administration (S&A)

S&A is established and allocated at the MSC level. Once those allocations are established, each activity's S&A manager is responsible for developing resource estimates for the S&A funds allocated at MSC level. Resource estimates are to be developed in coordination with Construction staff to accurately estimate the cost of doing work.