

FREE WBS EXAMPLE provided by QuantumPM

Government Design-Bid-Build WBS Example

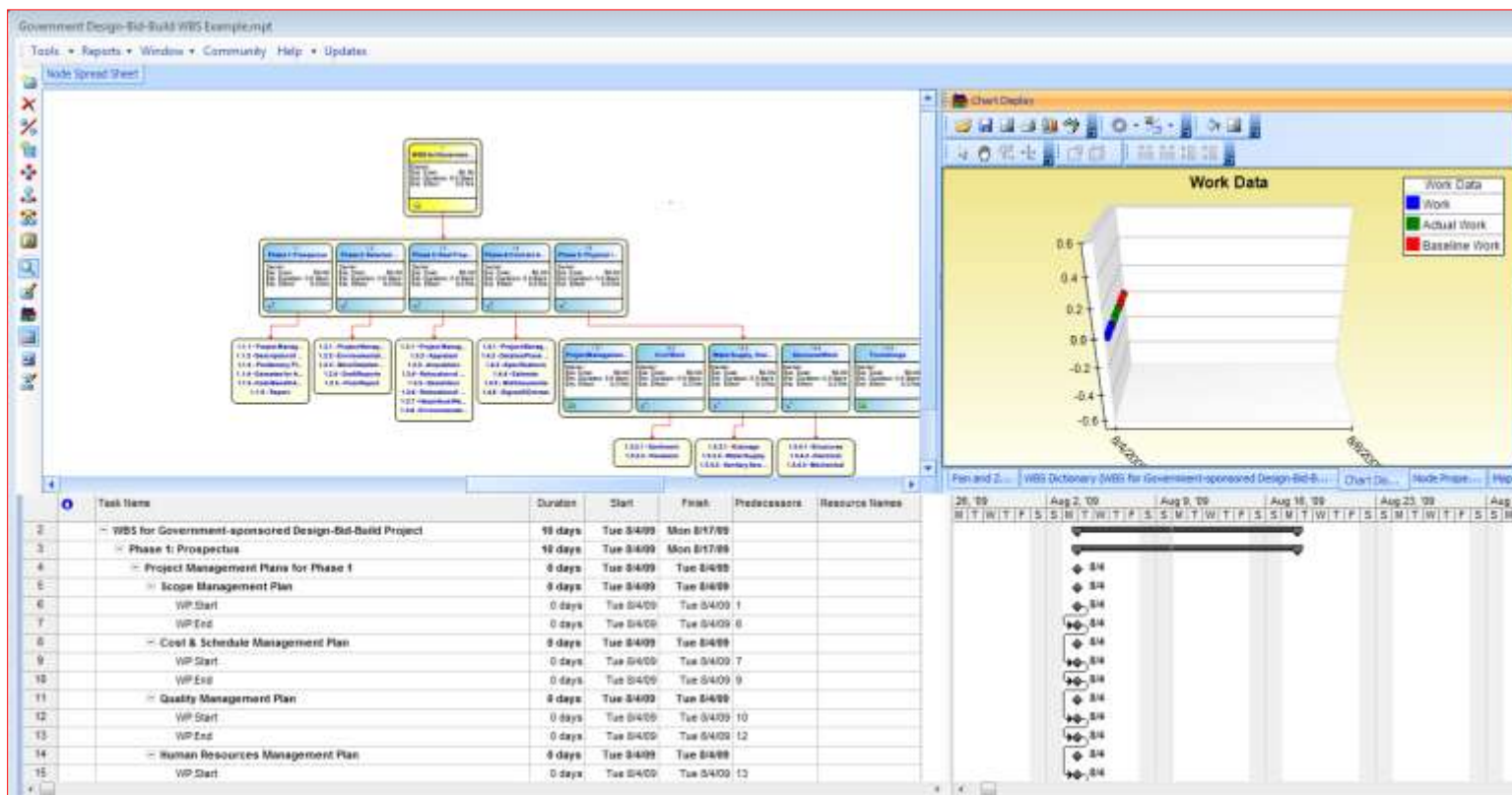
This template depicts a generic WBS built using QuantumPM's **WBS Director** software package. This example illustrates a generic WBS that could be applied to a Government Design-Bid-Build Construction project, depicted from the government's perspective. It is based on an example provided by the Project Management Institute in its *Practice Standard for Work Breakdown Structures*, Second Edition.

The screenshot displays the WBS Director interface with a hierarchical tree structure. The root node is 'WBS for Governem...' (note the typo in the image). It branches into five main phases: Phase 1: Prospects, Phase 2: Selected Alternative, Phase 3: Real Property, Phase 4: Contract Award Documents, and Phase 5: Physical Improvement (construction). Each phase is further decomposed into specific tasks and deliverables, such as 'Project Management', 'Civil Work', 'Water Supply, Drainage', 'Structural Work', and 'Furnishings'. A summary table is located at the bottom of the window.

WBS	Title	Owner	Est. Cost	Est. Duration	Est. Effort
1	WBS for Government-sponsored Design-Bid-Build Project				
1.1	Phase 1: Prospects		0	0	0
1.2	Phase 2: Selected Alternative (may be combined with Phase 1, depending on the requirements set by the legislative branch)		0	0	0
1.3	Phase 3: Real Property		0	0	0
1.4	Phase 4: Contract Award Documents		0	0	0
1.5	Phase 5: Physical Improvement (construction)		0	0	0

The picture above shows the graphical interface of **WBS Director** that allows the user to decompose the project into logical work packages and describe the scope of the elements using the WBS Dictionary shown in the panel on the right-hand side. Behind the scenes, the tool has prepared the framework of the Microsoft Project schedule shown below. Once the work packages have been completed, the detailed activities, resources, and effort components can be built out using the standard scheduling capabilities of MS Project. **WBS Director** works seamlessly inside MS Project to enable the project manager to protect the WBS structure and the scope of the project while keeping it tightly integrated with the schedule.

The screen shot below shows the framework of the project schedule that has been build for this template by WBS Director. When created in this manner, the project manager has greater control of the scope of the project because it is clearly visible in a graphic format. All activities shown within the schedule must be supportive of the scope statements shown in the appropriate work package descriptions documented in the WBS Dictionary. Activities cannot be added outside of work packages and once baselined, cannot be deleted without change control procedures that identify the reasons for the change.



This example illustrates a generic WBS that could be applied to a Government Design-Bid-Build Construction project, depicted from the government's perspective. As such it is a WBS Template. The deliverables include overhead work, e.g. "Project Management" at each phase; intermediate deliverables e.g. "Reports", tangible end products, e.g. "Signed Contract". Not all WBS Elements are decomposed to the same level of detail, e.g. "Furnishings". These can be further decomposed in the context of a specific project.

When a project is created in this manner, the project manager has greater control of the scope of the project because it is clearly visible in a graphic format. All activities shown within the schedule must be supportive of the scope statements shown in the appropriate work package descriptions (as documented in the WBS Dictionary). Activities cannot be added outside of work packages and once baselined, cannot be deleted without change control procedures that identify the reasons for the change.

NOTE: This WBS example is illustrative only and is intended to provide guidance to the reader. No claim of completeness is made. For any specific project, the example is intended to be used as a beginning point for further elaboration and modification

We hope this template provides an excellent starting point for your project!

The QuantumPM Team

<http://www.qpmusa.com/WBS-Director.html>

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