

Planning Process Group Artifacts

6.4 Estimate Activity Resources

6.4.1 Activity Lists (Inputs)

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6.4.1 Activity List (Input): This WBS activity list was taken from PMGT 614 homework. Listed are all the major deliverables of constructing a power plant that was taken from *Practice Standard for Project Management Work Breakdown Structure*. Estimating resources, it is important to have a list like this in order to estimate resources and time frames.

The estimating activity resources process list will use activity lists similar to this.

ID	WBS element	Requirement Statement
1.1	Initiation/Requirements	In this phase, senior executives, project management teams, stakeholders and functional managers will develop business requirements of the different systems that will be a part of this processing plant. The statement of work and the scope will be established.
1.2	Construction/Resources	Project management, stakeholders and functional managers will coordinate, and prioritized the different systems that will be built into the plant. The resource requirements and cost estimates will be done during this phase.
1.3	Legal	Project managers will need to coordinate with local government and subcontractors on licensing and permits relating to building codes, environmental standards, property regulations, and labor agreements. A procurement management plan will be established.
1.4	Testing	Functional managers will coordinate with quality assurance and provide system checks. Once checks pass, they will present their systems to project managers for final approval. Risk management and quality management plans will be established.
1.5	Startup	PM and stakeholders will hold a kick off meeting to communicate and prioritize the sequence of events and the project schedule
1.6	Project Management	The project management plan will be implemented and finalized. The stakeholder and communication plans will be emphasized during this phase.

Reference List

Project Management Institute (2006) *Practice Standard For Work Breakdown Structure*.

Newton Square, PA: PMI Inc.