

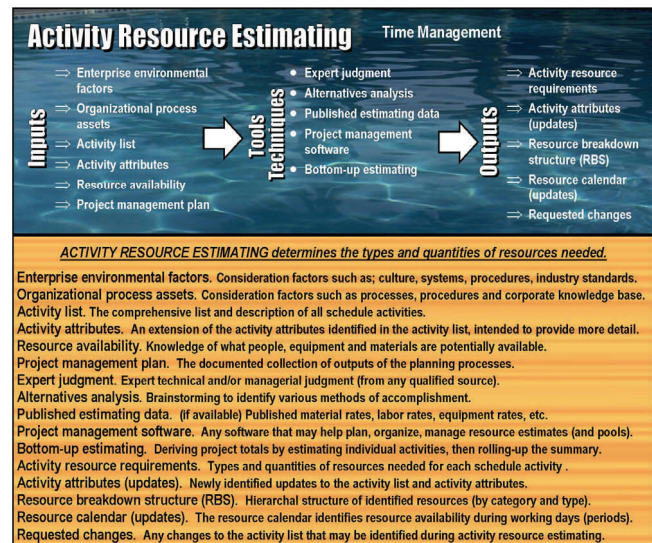
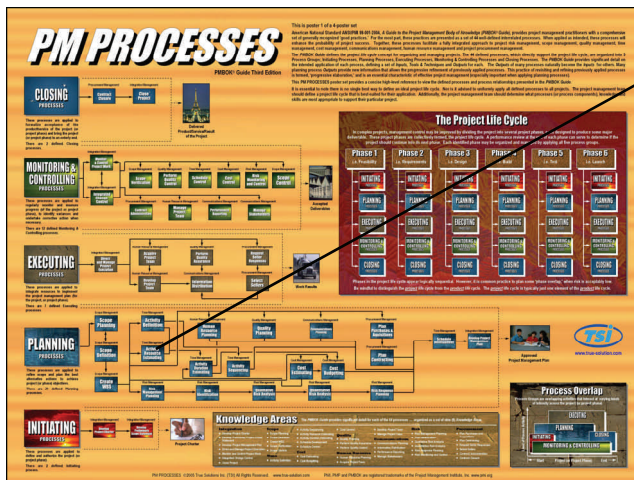


Applying the Activity Resource Estimating Process

Activity Resource Estimating is the simple, yet important process of determining what resources are needed to perform project activities and when they will be needed. Physical resources include people, equipment and materials. Ideally, resource needs are determined at the lowest level of the WBS (work package elements), then rolled-up to higher levels (major deliverables).

The primary deliverable (*Output*) of the Activity Resource Estimating process is a documented description of activity resource requirements. Typically, the resource needs identified here will be obtained by later applying the Acquire Project Team process and/or Procurement processes.

Activity Resource Estimating should be closely coordinated with several other planning processes, including Cost Estimating, Acquire Project Team, Activity Duration Estimating, Activity Sequencing and Plan Purchases & Acquisitions.



Activity Resource Estimating Must Know Concepts

1. “The Activity Resource Estimating process is intended to determine what physical resources will be needed to perform project activities and when they will be needed.”
2. “Physical resources include people, equipment and materials.”
3. “The primary deliverable (*Output*) from the Activity Resource Estimating process is the documented description of resource requirements.”
4. “Bottom-up estimating generally produces the most confident estimates, but is more costly and time consuming than its opposite, analogous estimating. Typically, bottom-up estimating is performed by developing detailed estimates for each activity at the work package level of the WBS. They are then rolled-up to derive a project total.”
5. “Identified resource requirements will typically be obtained later by applying the Acquire Project Team process and/or Procurement processes.”

