

INTEGRATED PROJECT

Developing the Work Breakdown Structure

Develop a Work Breakdown Structure for your project based on the identified goals from the first assignment. Provide a detailed assessment of the various components of the project, going down through the work package stage to tasks and subtasks (if appropriate). Next, assess the personnel needs for the project. How many core team members will be necessary to achieve the project's goals? What are their positions within the organization? Remember to use the project scope as the basis for determining all the elements of the project, the personnel responsible for each component, and the associated budget for each task.

In addition to identifying the tasks and key personnel requirements for the project, construct a Responsibility Assignment Matrix (RAM) that demonstrates the interrelationship among project team members.

SAMPLE WORK BREAKDOWN STRUCTURE—ABCUPS, INC.

Personnel Table

Name	Department	Title
Carol Johnson	Safety	Safety Engineer
Bob Hoskins	Engineering	Industrial Engineer
Sheila Thomas	Management	Project Manager
Randy Egan	Management	Plant Manager
Stu Hall	Industrial	Maintenance Supervisor
Susan Berg	Accounting	Cost Accountant
Marty Green	Industrial	Shop Supervisor
John Pittman	Quality	Quality Engineer
Sally Reid	Quality	Jr. Quality Engineer
Lanny Adams	Sales	Marketing Manager
Kristin Abele	Purchasing	Purchasing Agent

WORK BREAKDOWN STRUCTURE—ABCUPS' PROCESS MODIFICATION

Process Modification Project		1000
Deliverable 1	Feasibility Study	1010
Work Package 1	Conduct feasibility study	1011
Work Package 2	Receive technical approval	1012
Work Package 3	Get administrative sign-off	1013
Deliverable 2	Vendor Selection	1020
Work Package 1	Research equipment	1021
Work Package 2	Qualify suppliers	1022
Work Package 3	Solicit quotes from suppliers	1023
Work Package 4	Negotiate price and terms	1024
Work Package 5	Approval and contracts	1025
Deliverable 3	Design	1030
Work Package 1	Factory floor redesign	1031
Work Package 2	Drawings	1032
Work Package 3	Process redesign approval	1033
Deliverable 4	Engineering	1040
Work Package 1	Conduct process flow evaluation	1041
Work Package 2	Determine site for equipment	1042