

PROPOSED SOLUTION

Step by Step Instructions:

The proposed solution/recommendation has been given to meet the 10% reduction in time and the 20% reduction in the budget with the IT security consultant included in the project according to the client's requirements.

Steps:

We set the revised plan as a baseline to provide a solution to the revised plan.

In the project Initialization phase, we have reduced the number of days for Identifying MOV from 3days to 2days, Defining Alternatives from 4days to 2days, Total Cost of Ownership (TCO) from 3 days to 1day, and Total Benefit of Ownership (TBO) from 2 days to 1 day. TCO and TBO are set as a parallel task.

To reduce the duration:

Select the duration of the corresponding task to be reduced, then click on the arrow and set the reduced duration for the task.

To create a parallel task:

Select the task (e.g., Total Benefit of Ownership), double clicking on task results in opening the Task Information dialog box.

Select the Predecessors tab, Under ID column type the task number which we want to run as a parallel and Task name is automatically popped up when the cursor is placed on the task name column.

Click on the Type column, select start to start option from the drop-down menu and click OK.

The parallel task is created.

Repeat the above steps to parallelize the tasks in the Planning and Execution phases.

Some tasks resources were reduced e.g., in the Analysis phase, Tech2, Tech 3 were removed from Analyzing the Current system task. The total task cost is automatically recalculated.

To remove the resource from the task:

Select the Resource Names column of the corresponding task.

Click on the drop-down arrow and uncheck the resources that need to be removed from the task.

Press Enter. The total task cost is automatically recalculated.

Workstation Desktops and laptops costs were reduced with less expensive but comparable desktops and laptops.

To change the cost:

Click the Task menu

Select the Resource sheet from the drop-down arrow, which is below the Gantt chart.

Select the Std Rate column of the Desktops or Laptops.

Enter the new reduced price.

Press Enter. The Price is updated.

To generate the project summary report:

select Project menu-> select Project Information.

On the dialog box that opens, click on Statistics.

The project statistics which is equivalent to the summary is displayed for the current project plan.