



Variation Orders and EOT

Today I received a very nice question asking about variation orders and how we can deal with variation orders in terms of extension of time.

so now you received a new variation order adding a new scope for your project now what you should do as a planning engineer?

When handling variation orders as a planning engineer, treating them as separate projects within the overall project scope is essential. Here's how to effectively deal with variation orders, particularly regarding [Extension of Time](#) considerations:

1. Treat Variation Orders as New Projects:

Each variation order should be approached as a mini-project within the larger project framework. This involves identifying the necessary engineering procedures, such as shop drawing submittals, material approvals, procurement, and execution of works.

2. Identify Dependencies:

Determine if there are any dependencies between the new scope of work introduced by the variation order and the original project scope. For instance, if the variation order involves changing the flooring material, tasks like submitting shop drawings, material procurement, and installation will depend on each other.

3. Timing Considerations:

Evaluate the timing of the variation order issuance. If it's issued early in the project, there may be sufficient time to execute the additional work without impacting the project schedule. However, if the variation order is issued later in the project when significant progress has been made, it may require an extension of time.

4. Impact on Project Completion Date:

Import the tasks related to the variation order into the project schedule, starting from the date of the variation order receipt. Link these tasks with predecessor and successor activities to assess their impact on the project's completion date. If the completion date shifts, it indicates a potential delay, necessitating an extension of time claim.

5. Assess Floats:

If the project completion date remains unaffected by the variation order, it suggests that there are available floats in the schedule that can absorb the additional work without extending the timeline. In such cases, an extension of time may not be warranted.

6. Client Communication:

Communicate promptly with the client regarding the implications of the variation order. Provide a clear assessment of the cost and time implications of implementing the variation. This allows the client to make informed decisions regarding the variation order.





By treating variation orders as separate projects, assessing their timing, and evaluating their impact on the project schedule, planning engineers can effectively manage the extension of time considerations and ensure the successful execution of the overall project.

This [Video](#) will help you with the Variation order and If your Consultant doesn't want to approve the VO, Here is a [Course that helps you get your EOT Approved](#)





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