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Design-Build Considerations for the Geoprofessional: Helping You Manage Risk



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Moderator
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Questions /Answers (after session concluded)

1. **How do you allocate risk to the geoprofessional subconsultant in developing quantities for the D/B bid?**

We tend to work with the geoprofessional to identify the quantity risk associated with geotechnical issues and carry that in our contingency for the overall project prior to bidding the work. We ask our geotechnical engineers to prepare a design basis manual that focuses on identifying risks that could occur during the project. We then have a discussion regarding the likelihood of the risk occurring and the significance of the impact if it occurs. That is then used to determine the amount of contingency to carry. If a DSC occurs during the project then we work to mitigate the issue and we seek to negotiate the DSC claim with the owner. If it is truly a differing site condition and could not be known beforehand (wasn't negligence on the part of the geoprofessional) then we will issue a T&M change order for the geoprofessional and seek to find the best solution to the issue.

2. **Can you comment about Construction Manager at Risk (CMAR) projects and if they are common, or increasing in Geotechnical projects?**

We are seeing a rise in both CM/GC and Progressive Design Build for transportation projects. This delivery model has been around for a long time in the water industry and we are seeing an increase in use in transportation projects. I expect this trend to continue.