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TECHNICAL ASSIGNMENT 2

Executive Summary:

Included in this submission are a detailed project schedule, an assemblies estimate of the buildings courtyard structural systems, an overview and evaluation of the contracts used on the project, the staffing plan for the general contractor, an overview of the plan for the MEP coordination, a write-up of the PACE roundtable event and an overview of the existing soils conditions on site. The highlights of the submission are the dual systems employed in the courtyard structural system and the differing costs. The contracts employed on the project are rather straight forward with lump sum contracts being used in all instances. The highlight of the contracts was the use of a best value selection process for the general contractor. The staffing plan is of a typical nature for how Hensel Phelps usually staffs a job, though due to the size of the job there is a large staff on site. The age and historic nature of the building introduce a number of interesting aspects into the design coordination for the MEP systems. The key area of trouble in the field tends to come from the conversion of the old chimneys into mechanical chases. The critical industry issues write up covers the Performance Contracting, Green and High Performance Buildings, and the Leadership Jump Start sessions. The direction the roundtable has pushed my research interests has been towards LEED rating and green building systems.

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