

REAL ESTATE WEEKLY

Survey shows BIM software can be a 'real difference maker' in any project

A recent industry-wide building survey found increased profitability with reduced costs and project duration due to the use of Building Information Modeling (BIM) and virtual construction software such as Ziggurat Systems' B4UB™.

73% of the participating construction, architecture and engineering firms found an increase in profitability with BIM, 58% found overall project duration was reduced by up to 50% and 55% said BIM helped cut project costs.

Over 48% of respondents thought the detailed design phase takes less time with BIM and 47% thought the bid preparation phase takes less time with BIM.

Respondents agreed that the quality of building drawings improved with BIM and contained fewer errors. Improvements to the design process from the use of BIM were realized both in the construction phase as well as in overall project costs. A major benefit to BIM and other virtual coordination technologies is coordinated design drawings. Ziggurat Systems offers fast track BIM services by employing its proprietary "Before You Build" (B4UB™) technology to convert any 2D and 3D file

into a manageable and interoperable 3D model with an overlay of all Architectural, Structural and MEP systems.

This technology allows clients to identify all design clashes in the model through the entire duration of the project, from design to construction. Additionally, implementing B4UB™ service in a project provides a comprehensive space management service to further save on time and avoid rework. Ziggurat can help companies achieve these savings in time, labor, rework and overall cost of the project through the use of their BIM services.

Joe Mizzi, President, FJ Sciame Construction Company, Inc., has used the Ziggurat service on several projects and said, "It's been a real difference maker for us in terms of shortening the coordination cycle and staying within budget."

Mizzi added: "I'm very enthusiastic about the potential Ziggurat offers us for streamlining the design coordination process, delivering projects on time and saving costs." The survey was conducted by the Department of Civil and Environmental Engineering, University of Southern CA.