Top 10 BIM Consulting/Services Companies - 2020

Building Information Modeling has become an invaluable tool for the construction industry with an array of benefits. It supports optimization of building designs in order to aid the selection of alternative design elements and materials before they are constructed. The construction participants hope to know the visual building model through 3D appearance previously. Also, it is helpful to communicate with the owner, architect, and contractor, then reduce building design errors or variation orders.

As BIM becomes more advanced, the value it can add to projects continues to increase. In addition to providing a visual representation of a project, it is becoming an essential collaborative tool, which is invaluable to cost managers, contractors, designers, facilities managers, and the client alike. The tool helps in improving efficiency and cost-effectiveness in the construction industry.

In order to help construction companies who struggle to adopt and implement BIM technology, the current edition of Construction Tech Review brings you "Top 10 BIM Consulting/Services Companies - 2020." BIM Services offered by these companies help to get customized solutions for designing to building the final layout of structures with accuracy, quick turnaround time, and cost-effective solutions. These companies play a significant role for many construction companies to attain completed BIM Models in timely deliverables and high-quality.

eLogicTech Solutions

recognized by Construction Tech Review *magazine as*

TOP 10 BIM
CONSULTING/SERVICES COMPANIES · 2020

The annual listing of 10 companies that are at the forefront of tackling customer challenges

Company:
eLogicTech Solutions

Key Person:
Rupali Modi,
CEO

Description:
A BIM consulting services company that provides quality and cost-effective architectural production services to AEC community

Website:
elogictech.com

eLogicTech Solutions
Quality and Cost-effective Architectural Production Services

Building Information Modeling (BIM) technology has transformed the construction industry to ease and facilitate the design and construction process for architects, engineers, and contractors. From the digitization of hand sketches using AutoCAD and other 2D software to 3D BIM models that facilitate virtual walkthrough of space before actual construction, new technologies have streamlined many complex processes in construction, including document production. The industry is now moving toward

perfectly poised to address these challenges and assist the AEC community in faster document production, including design development (DD), construction document (CD), permit drawings, and photorealistic 3D images while ensuring the highest quality of documents.

eLogicTech offers BIM services including detailed design documentation, Revit models with required level of detail (LOD) specifications, built condition models, energy simulation modeling, and CAD to BIM assistance. The company meets

automating the design and documentation process using design rules and technologies such as Dynamo and Revit. However, owing to the lack of knowledge and expertise in BIM, many companies are having a hard time leveraging the potential of these new technologies. Not just this, the processes involved in document production can also pose several challenges. For example, geographically diverse teams across multiple time zones make collaboration and communication—among architects, engineers, contractors (AEC), and documentation experts—a daunting task.

Headquartered in San Francisco, CA, eLogicTech Solutions—a leading BIM consulting services company—is

customers' expectations by offering accurate BIM models by adhering to strict timelines, global construction guidelines, and quality processes along with 24/7 project coordination. During client engagements, eLogicTech adopts a unique methodology that focuses on the quality of deliverables. First, eLogicTech's project manager (PM) reviews the clients' current standards and processes for defining requirements. Then, together with the client, the PM defines the scope, plans the BIM environment, and chooses the best-fit studio model for the client. Further, the roles and responsibilities are divided among team members, and if required, the additional workforce is allocated depending on the volume of the documentation. With cross quality checks at every

Over the past two decades, eLogicTech Solutions has worked with several clients, including Fortune 500 companies, and delivered more than 3000 projects across North America, U.K., Middle East, and Australia. Recently, a leading engineering firm in the U.S. with a vast clientele in the AEC industry collaborated with eLogicTech for a BIM modeling project. The engineering firm was handling multiple, large residential construction projects at the same time. The company's in-house team was unable to handle the workload, and they were looking for a partner with an experienced BIM outsourcing service to manage the time-critical Revit modeling projects. eLogicTech's BIM modeling team studied the client's requirements and construction standards and developed a coordinated BIM model using Autodesk Revit. Besides this, by utilizing Autodesk Advance Steel software, the team created a detailed bill of materials while successfully delivering the 3D BIM model as a Revit file.

> ## Our project manager reviews the entire project, checks all the specifications, and proceeds to prepare construction documentation sets in a single BIM environment before the delivery

Through proven quality control processes and the experience in facilitating collaborative design implementations, eLogicTech has established itself as a key player in the industry, offering cost-effective architectural production services. Rupali credits the company's success to its state of the art infrastructure and highly qualified employees who are postgraduates in the field of Architecture, Structure, and MEP with more than fourteen years of experience. To enhance their skillset, eLogicTech also provides continuing education programs from industry experts.

Looking ahead, eLogicTech plans to expand its footprint into the European market by 2021. Among eLogicTech's upcoming endeavors, Rupali asserts the expansion of services to include customization using Revit API and dynamo to serve clients better. She further states, "When it comes to building a relationship with our clients, we don't consider the projects just in terms of profitability. We look at it as a partnership where both companies are in the project together and complement each other to serve the end-clients." *T*

stage of the project, eLogicTech keeps a close eye on the quality of designs. "We ensure the quality of the process by leveraging in-house BIM engineers who identify potential spatial conflicts while working on a schematic design (SD) and DD," says Rupali Modi, CEO of eLogicTech Solutions. Each team member goes through a series of quality control process and performs cross quality check (QC). Further, project coordinators review the results. "Ultimately, the project manager reviews the entire project, checks all the specifications, and proceeds to prepare construction documentation sets in a single BIM environment before the delivery," she adds. eLogicTech handles documentation and detailing with minimal support from the customer, which enables them to focus on their core competencies of designing.