Bouygues Construction and Autodesk Establish Strategic Relationship

December 7, 2011

3D Software for Building Information Modeling Helping Transform Global Construction Firm

PARIS--(BUSINESS WIRE)--Dec. 7, 2011-- Autodesk, Inc. (NASDAQ: ADSK), a world leader in 3D design, engineering and entertainment software, and Bouygues Construction, a subsidiary of Bouygues (CAC40: EN) announced a Virtual Construction Partnership Agreement. Through the agreement, the companies will combine talents and efforts to increase adoption of Autodesk software for Building Information Modeling (BIM) in the construction industry**.**

This global agreement is the result of a multiyear collaboration between the research teams of Autodesk and Bouygues Construction. BIM is a valuable tool for managing the building design lifecycle—from simulation, construction, operation and renovation—helping users to achieve energy performance targets, improve building site logistics and reduce construction time.

“This collaboration is a natural development of our already long-standing relationship with Bouygues Construction. Bouygues is an innovative company and global market leader, offering a full range of services to some of the world’s most complex construction projects,” said Jim Lynch, Autodesk vice president for AEC Solutions.

Bouygues has been using a range of Autodesk software, including Autodesk Revit Architecture and Autodesk Robot Structural Analysis, for several years and has worked with Autodesk to drive development of future product functionality. This collaboration contributed to the development of the latest versions of Revit products and to Autodesk Navisworks project synthesis software tools.

BIM Better Serves Clients

Bouygues Construction is confident that BIM solutions support the lifecycle of the building and plans to increase its investment in and adoption of cutting edge technology. Autodesk BIM software provides building insight, even in the preplanning stages, helping better ascertain and meet clients’ expectations, while respecting budgetary constraints, project delivery times and energy-performance commitments.

“BIM and associated 3D simulation software are helping support Bouygues Construction in its transformation from a general construction company to a global business, handling not only the design/construction/maintenance phases but also energy management and associated services to occupants,” said Gaetan Desruelles, deputy director general in charge of research and development for Sustainable Construction at Bouygues Construction. “The Autodesk BIM portfolio enables us to ‘build before we build.’”

In recent years, Bouygues Construction has used Autodesk BIM software on the Philharmonic Hall in Paris and the Sport’s Hub in Singapore. Bouygues Construction recently completed work on the Surrey Outpatient Facility in Surrey, British Columbia, Canada, where they used Autodesk software for all the design development of the project including Architectural, Structural, MEP designs and for thermal, acoustic and daylight simulation. The firm was able to complete the Surrey project with almost no change orders, helping them to deliver the project on time, with lower costs and improved efficiency.

Bringing Together All Players from Design to Operation

BIM provides a single, common information repository for all specialists on a project, helping improve coordination of the many phases of construction. A single, information-rich digital model helps users optimize building lifecycle management for both operations and maintenance and enables Bouygues Construction to define new roles within its teams, as well as heighten its ability to attract new talent to the construction professions.

Meeting the Challenges of Sustainable Construction

Respecting sustainable development is important to Bouygues Construction. Beyond technical specifications, BIM helps Bouygues optimize performance levels of sustainable buildings by enabling the firm to more accurately assess the carbon footprint, measure energy performance and simulate the integration of renewable energy.

About Autodesk BIM Solutions

Building Information Modeling is an intelligent model–based process that provides insight for creating and managing building and infrastructure projects faster, more economically and with less environmental impact. Autodesk BIM solutions for building and infrastructure lifecycles are based on intelligent models created with Autodesk Revit software products and AutoCAD Civil 3D software. Helping expand the benefits of BIM is a powerful set of complementary solutions for visualizing and simulating projects virtually, documentation and professional drafting, and data management and collaboration. Autodesk Building Design and Autodesk Infrastructure Design suites offer a comprehensive set of tools to support BIM workflows in a cost-effective packages.

About Bouygues Construction

Bouygues Construction, a subsidiary of Bouygues, is a global player in the fields of building, public works, energy and services. Operating on five continents, the company is recognized for expertise at every stage of a project from financing and design to construction, operation and maintenance. Its 54,000 employees develop efficient and innovative solutions to improve quality of life through projects such as hospitals, schools, housing, stadiums, broadband networks, public lighting and transport infrastructure.

Bouygues Construction places social, societal and environmental concerns at the heart of its development strategy with the aim of being a leader in sustainable construction.

Bouygues Construction had turnover of €9.2 Billion (USD $12.7 billion) in 2010. For more information, visit www.bouygues-construction.com.

About Autodesk

Autodesk, Inc., is a leader in 3D design, engineering and entertainment software. Customers across the manufacturing, architecture, building, construction, and media and entertainment industries -- including the last 16 Academy Award winners for Best Visual Effects -- use Autodesk software to design, visualize and simulate their ideas. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software for global markets. For additional information about Autodesk, visit www.autodesk.com.

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