

Innovation & Virtual Design and Construction Manager

Title	Innovation & VDC Manager
Division Group	Innovation Services
Office Location(s)	East Peoria
Offices Supported	All Locations
Reports To	COO
Direct Reports	N/A

Summary:

The Innovation & VDC Manager will be an integral part of both the New Work & Pursuits and Operations teams by standardizing and streamlining the integration of technology into design, preconstruction, construction, as-built development, and productivity tracking. This individual will be tasked with implementing the latest in technology including 3D modeling, BIM coordination, laser scanning, drone technology, 4D scheduling, model-based site logistics planning, artificial intelligence, and data analytics.

This individual will manage all VDC tasks, including collaboration with our clients and industry partners, as well as the training and coaching of RCC team members from all departments to ensure we deliver the highest quality and most precise projects to our clients.

This position will serve in a companywide capacity ensuring all offices and teams are receiving adequate support through excellent communication.

Key Functions:

- Develop the skills to be proficient in the BIM clash detection process working with subcontractors using Autodesk Navisworks and have the ability to generate clash reports.
- Develop detailed design models using REVIT, TEKLA and AutoCAD software.
- Possess an aptitude for working in a fast-paced, dynamic, and multi-project environments
- Active participation in client relationships, providing timely services that meet needs and schedule requirements, and involvement in communications between RCC and clients as necessary
- Support any ad hoc VDC projects that arise from Operations/NW & P Team



- Analytical within project development of any potential blind spots to both rational building practices as well as safety concerns
- Lead the implementation of BIM and other VDC resources into our processes to enhance project delivery to our clients
- Lead and manage BIM services as implemented at the project level.
- Collaborate with project teams both internal and external to analyze constructability, develop build sequencing, and lead the creation of model visualizations
- Continuous improvement towards improving VDC related deliverables.
- Research, implement, and become subject matter expert on all required computer design software, applications, VR/AR experience, or other supporting technology
- Lead the efforts to explore and implement technology for continuous improvement opportunities

Qualifications:

- 4-Year Degree Preferred
 - Construction Management, Architecture, or Civil Engineering Focus
- 5+ Years' Experience in similar field
 - Construction industry knowledge required – ability to read and interpret both construction plans and appropriate business documents such as contracts
- Critical thinking and values-driven mindset with a strong focus for efficiency and high attention to detail. Innovative in all concepts and processes with a curiosity to drive improvements and solve problems.
- Software skills preferred: CAD, Revit, Navisworks, Tekla, Trimble Business Center
- General office conditions for day-to-day work



Benefits:

- Employer paid Medical & Dental Benefits
 - Elective benefits available also: Vision, FSA, AD&D, Additional Life, etc.
- 401k with company match
- Vacation, Paid Holidays, and PTO
 - Leaves of Absence included additionally
- Tuition Assistance Program
- Annual company performance bonuses
- Company vehicle or allowance provided

This job description in no way states or implies that these are the only duties to be performed by the associate(s) incumbent in this position. A review of this job description has excluded the marginal functions of the position that are incidental to the performance of the fundamental job duties. All duties and responsibilities are essential job functions and requirements and are subject to possible modification as necessitated by business demands. To perform this job successfully, the incumbent(s) will possess the knowledge, skills, and abilities to perform each job duty proficiently. The requirements listed in the document are the minimum levels of knowledge, skills, or abilities.

This document does not create an employment contract, implied or otherwise, other than an “at will” relationship.

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