



Job Title: BIM Manager

Reporting: Vice President

FLSA Status: Exempt

About CRUX:

CRUX Solutions is a leading technology and security consulting firm with expertise in network infrastructure, audio/visual, security, and lighting technology design, and acoustic consulting with offices in Texas and Oklahoma that serve projects nationwide. We work extensively in the healthcare, education, commercial, and government, and tribal markets.

Summary of Position:

The BIM Manager is responsible for governance, execution, and continuous improvement of BIM processes across all projects involving Technology systems such as structured cabling, AV, and physical security. The BIM Manager will lead the development, standardization, and continuous improvement of BIM processes across all CRUX projects.

This role is responsible for driving efficiency, automation, and consistency in project delivery through advanced use of Autodesk platforms and custom workflows.

Essential Duties and Responsibilities may include the following:

- BIM standards and templates:
 - Develop, publish, and enforce company BIM standards.
 - Maintain all templates, family libraries, and project setup protocols.
- Define and enforce:
 - LOD standards
 - Naming conventions
 - Model structuring
 - Data requirements
 - Lead BIM Execution Plan (BEP) creation and enforcement
 - Alignment between model and 2D deliverables
- Oversee project model quality by ensuring models are clash-free, constructable and aligned with installation best practices for the systems being modeled.
- Manage Revit, AutoCAD, Dynamo, Autodesk Construction Cloud platforms.

- Lead BIM QA/QC processes across multiple design teams.
- Train and manage BIM staff.
- Coordinate with clients and consultants on BIM efforts and developments.
- Identify opportunities to improve efficiency and reduce project risk.

Supervisory Responsibility:

This position may have supervisory responsibilities including, but not limited to, managing BIM staff performance and adherence to standards and deadlines.

Essential Skills:

- Administration and optimization of REVIT, AutoCAD, Dynamo and related platforms.
- Manage BIM libraries and standards.
- Develop and improve templates, details and legends.
- Develop automation scripts (Dynamo) to improve efficiency.
- Strong communication skills, written and verbal are a must.
- Must have a valid driver's license.

Qualifications:

- 7+ years BIM experience required.
- Advanced proficiency in REVIT and AutoCAD required.
- Working knowledge of Dynamo required.
- Autodesk Construction Cloud (formerly PlanGrid) experience preferred.
- REVIT certification preferred.
- 3+ years Leadership experience preferred.
- Experience in Division 27/28 system preferred.
- ArchiCAD interoperability experience preferred.

Work Environment and Travel:

This position will primarily be working in a hybrid office environment. Travel is primarily local during the business day, although some out-of-the-area and overnight travel may be expected.

Other Duties:

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.