**POSITION SUMMARY**

Provides pre-construction and construction support to the design for design coordination and construction support to the project team for shop drawing coordination through Building Information Modeling. Provides support to estimating for model-based takeoffs.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Produce 2D graphic illustrations, such as site logistic plans or CAD drawings.
- Develop 2D/3D construction models for use in design phase building coordination, site/underground coordination, MEP coordination, and self-perform concrete drawings.
- Develop 3D model to support 4D process in BD project pursuit and on a current project.
- Work with the project team to develop 2D/3D site specific logistics.
- Develop 3D federated models for subcontractor coordination.
- Provides business development support with 2D/3D production for project pursuits.
- Communicate modeling needs to design team members.
- Be involved in BD project positioning meetings/events.
- Provide training to design team on building coordination process.
- Manage project site logistics updates.
- Establish priorities for site coordination with project team.
- Plan, implement, and complete site utility coordination process.
- Develop and manage MEP coordination schedule.
- Keep self-perform concrete drawing schedule up to date.
- Work with superintendent to enforce field placement matches drawings.
- Regular, timely, and predictable attendance is required for this position.
- Performs other duties and responsibilities as assigned.
ADDITIONAL DUTIES AND RESPONSIBILITIES

• Serve as BIM lead and perform services on projects.
• Manage and facilitate design coordination process across disciplines.
• Participate in the research and development of new technologies.
• Plan, schedule, and implement office BIM training.
• Work with field operation managers and superintendents to develop BIM integration procedures.
• Be involved in the community with local BIM organizations.
• Track and report to project leadership on BIM budget and BIM schedule/resources.
• Develop schedule for all proposed BIM services.
• Create metrics and reports.
• Plan, implement, and complete design phase building coordination process.
• Develop and manage 4D linking between 3D model and 4D solution.
• Provide training to project team on BIM process, site coordination process, concrete lift drawings, and logistics process.
• Create point cloud scans.
• Develop clash detection priority/rules for subcontractor coordination.
• Work with team to ensure model adherence during field install.

EDUCATION/EXPERIENCE REQUIREMENTS

• Bachelor’s degree in Construction Management or similar is preferred.
• Experience in the commercial construction industry and with BIM software is strongly preferred.

KNOWLEDGE, SKILLS, AND ABILITIES REQUIREMENTS

• Demonstrated technical knowledge of design processes.
• Demonstrated technical knowledge of construction processes.
• Demonstrated strong 2D and 3D graphic skills.
• Strong understanding of 2D design and construction documents.
• Experience working with building information models on design and/or construction projects
• Working knowledge of BIM software including Autodesk Revit, Autodesk Navisworks, Autodesk QTO, etc.
• Understanding of construction processes and trades (e.g., mechanical, electrical, plumbing, etc.)
• Ability to learn quickly and willingness to adapt as circumstances change.
• Ability to prioritize and organize work efforts in order to efficiently and effectively produce results.
• Ability to pay attention to small detail.
• Ability to communicate effectively with all levels of employees and owners, architects, and subcontractors.
• Ability to effectively give feedback to architects and other parties to improve the project and strengthen relationships.
• Ability to read and understand information found in construction documents, plans, and specifications.

PHYSICAL REQUIREMENTS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential responsibilities of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential responsibilities.

While performing the duties of this job, the employee is regularly required to sit, talk and/or hear. The employee is frequently required to use hands to finger, handle or feel. The employee is occasionally required to reach with hands and arms. The employee is occasionally required to climb or balance, stoop, kneel, crouch and/or crawl. The employee must also occasionally lift and/or move up to 20 pounds. Specific vision abilities include close vision and color vision. The employee is also required to frequently inspect the project and may be exposed to ongoing construction and various weather conditions. The noise level in the work environment may range from moderate to loud.

TO APPLY PLEASE VISIT HTTP://WWW.OKLAND.COM/CAREERS

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