Job Description

Job Title: Foundation Design Engineer
Department: Engineering
Reports to: Vice President of Engineering

Job Summary
The foundation design engineer shall handle all things foundation-related, from design to solving field problems to ensuring drawings are completed correctly and on time. The position requires a significant amount of time dealing with system development, as well as receiving and solving field problems. The foundation design engineer must be able to work on several projects at the same time, and ensure completion of each project. Strong knowledge of the field of concrete structure design is necessary.

Essential duties and Responsibilities
• Design foundations for various telecommunications towers and ensure all designs are in compliance with governing codes and standards.
• Work with project managers to develop solutions to field problems/difficulties.
• Develop engineering systems and programs to improve quality and efficiency in the engineering processes.
• Assist sales department with quoting foundations.
• Receive and respond to all foundation-related questions or requests for sales.
• Communicate directly with customers dealing with in-depth engineering/technical responses.
• Write official company letters for responses to foundation-related questions.
• Check all foundation drawings for accuracy.
• Deal with any general engineering problems for various departments.

Qualifications
To perform this job successfully, the individual must be able to perform each of the essential duties and responsibilities satisfactorily. The list below is representative of the knowledge, skill, ability, education and/or experience required.

Education and Experience
Bachelor of Science in Civil or Structural Engineering or equivalent. 1 to 4 years experience in design or analysis of foundations, concrete structures, steel structures. Proficiency in Excel and Word required. Proficiency in Inventor, structural analysis programs. Experience in programming. Engineering Intern/Engineer in Training (EI/EIT) certification preferred.

Basic Expectations
• Excellent time management skills
• Strong ability to multi-task
• Self-motivated individual
• Ability to work well with others
• Ability to effectively communicate with non-technical individuals as well as engineers
• Desire to improve knowledge of the field of engineering
• Excellent written and oral communications skills
• Attention to detail
• Exceptional problem-solving skills.
• Strong work ethic

Attendance
Must maintain regular and consistent attendance in accordance with the Nello attendance policy. Regular and consistent attendance can be defined as working 8 hours per day, 40 hours per week, or other determined hours, days, and/or weeks as determined by the direct supervisor or management to meet business objectives. Must be willing and able to work, when required, daily, weekly, or weekend overtime to meet business objectives.

Safety Requirements
Must be committed to high standard of safety and willing to comply and be aware of all safety laws, policies, and rules.

Supervisory Responsibilities
This job has no direct supervisory responsibilities