



INNOVATION TO THE NEXT POWER

TITLE: Resident Project Engineer/Inspector
Classification: Non-exempt
Department: Communications
Reports to: Project Manager/Senior Project Manager

Date: 5-1-2010

Position Summary: Fully qualified representative capable of performing as a project liaison between the owner, the contractor and other governing authorities with little supervision. Fully knowledgeable of contract standards, plans and specifications; capable of interpreting project plans; direct client contact; and have the ability to supervise other inspectors. Demonstrate familiarity with various common job site conditions, problems encountered on the project, and proper procedures for rectification.

Essential Duties and Responsibilities:

Plan, develop, coordinate, and manage on-site construction observation and acceptance testing for the project to ensure conformance with specifications.

Ensure project engineering or construction activities comply with the contract requirements and support overall construction schedule.

Provide technical support for construction effort including interpretation of design, and resolution of onsite conflicts.

Must be an effective leader and be able to manage and direct other members of the engineering team to accomplish the project in a timely manner.

Interface all on-site entities as required to resolve problems, ensure compliance of construction, etc. in support of overall project schedule.

Draft and summarize field notes in an organized and acceptable manner and provide competent engineering and technical assistance to the Project Manager.

Administer some portions of the contract including preparing change orders, approving invoices for payment, and authorizing delivery and possession and control of constructed plant to the owner, etc.

Prepare progress reports and document project activities and data on behalf of the owner.

Complete weekly time sheets in conjunction with weekly expense reports and mileage reports.

Examine workmanship of finished installations for conformity to standards.

Education and Experience: High school diploma or equivalent and have a minimum of five years of construction inspection experience.

Job Knowledge:

Building and Construction — Knowledge of materials, methods, and the tools involved in the construction or repair of telecommunications and other utility infrastructure.

Engineering and Technology — Knowledge of the practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.

English Language — Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

Customer and Personal Service — Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.

Mathematics — Knowledge of arithmetic, algebra, geometry, statistics, and their applications.

Design — Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.

Mechanical — Knowledge of machines and tools, including their designs, uses, repair, and maintenance.

Law and Government — Knowledge of applicable laws, legal codes, government regulations, or agency rules.

Physics — Knowledge and prediction of physical principles, laws, their interrelationships.

Skills:

Active Listening — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.

Reading Comprehension — Understanding written sentences and paragraphs in work related documents.

Complex Problem Solving — Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Critical Thinking — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Judgment and Decision Making — Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Speaking — Talking to others to convey information effectively.

Writing — Communicating effectively in writing as appropriate for the needs of the audience.

Monitoring — Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.

Social Perceptiveness — Being aware of others' reactions and understanding why they react as they do.

Time Management — Managing one's own time efficiently as well as planning the day for those under your direct supervision.

Abilities:

Oral Expression — The ability to communicate information and ideas in speaking so others will understand.

Oral Comprehension — The ability to listen to and understand information and ideas presented through spoken words and sentences.

Problem Sensitivity — The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.

Written Comprehension — The ability to read and understand information and ideas presented in writing.

Deductive Reasoning — The ability to apply general rules to specific problems to produce answers that make sense.

Near Vision — The ability to see details at close range (within a few feet of the observer).

Written Expression — The ability to communicate information and ideas in writing so others will understand.

Inductive Reasoning — The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).

Information Ordering — The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).

Speech Recognition — The ability to identify and understand the speech of another person.

Supervisory Responsibilities: Required to supervise other inspectors on a project. The number of inspectors will vary with project size.

Licenses, Certifications, Training Requirements: Valid driver's license in good standing.

Physical, Mental and Visual Demands:

Flow of work involves normal mental and visual attention along with manual coordination much of the time. While performing the duties of this job, the employee is consistently required to get in and out of a vehicle; stand; walk; sit; use hands to finger, handle, or feel objects, tools or controls; reach with hands and arms; climb steep banks; cross fences; balance; stoop, kneel, crouch or crawl; talk or hear; taste or smell. The employee must be able to walk an average of three miles per day and occasionally lift and/or move up to 25 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Work Environment:

Exposed to extreme weather conditions, including: hot and cold temperatures, rain, snow, dust, and wind. Most assignments are performed at a job site and may include some physical labor and environmental distractions such as changes in climate and topography. Physical hazards may be present. May also work in an office type environment on occasion, or as required.

Travel approximately 95% of the time.