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Project Engineer

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Company: Axelon Services Corporation

Location: Great Falls, Montana

Category: other-general

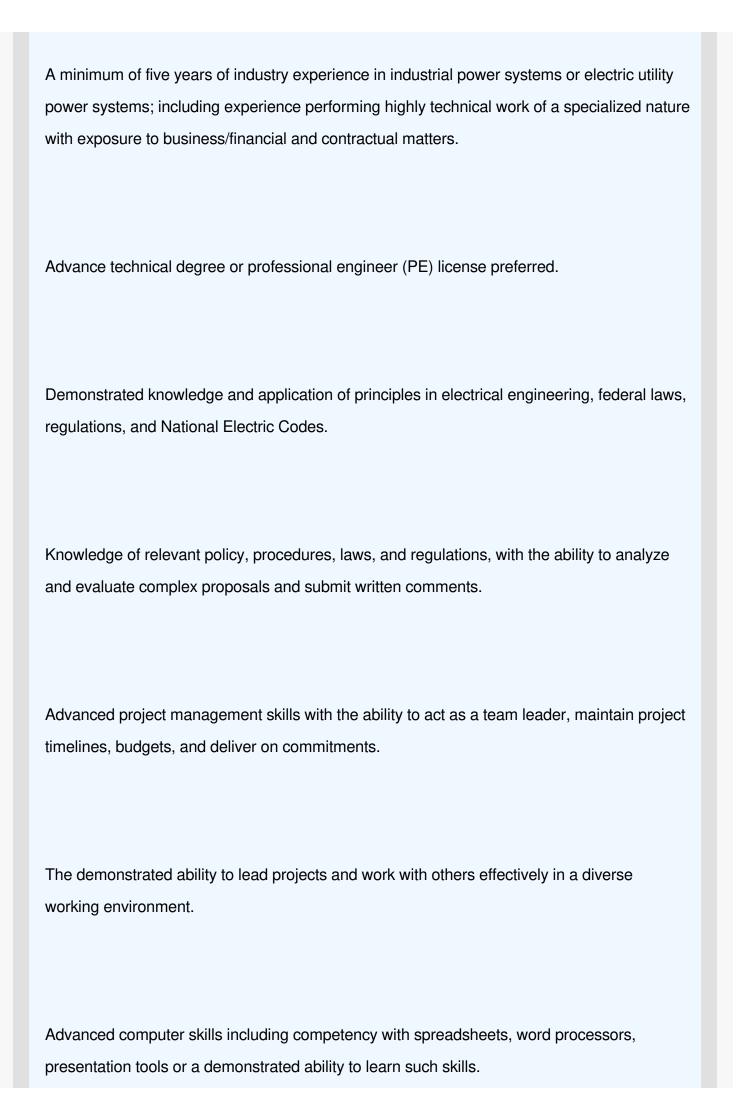
Project Engineer

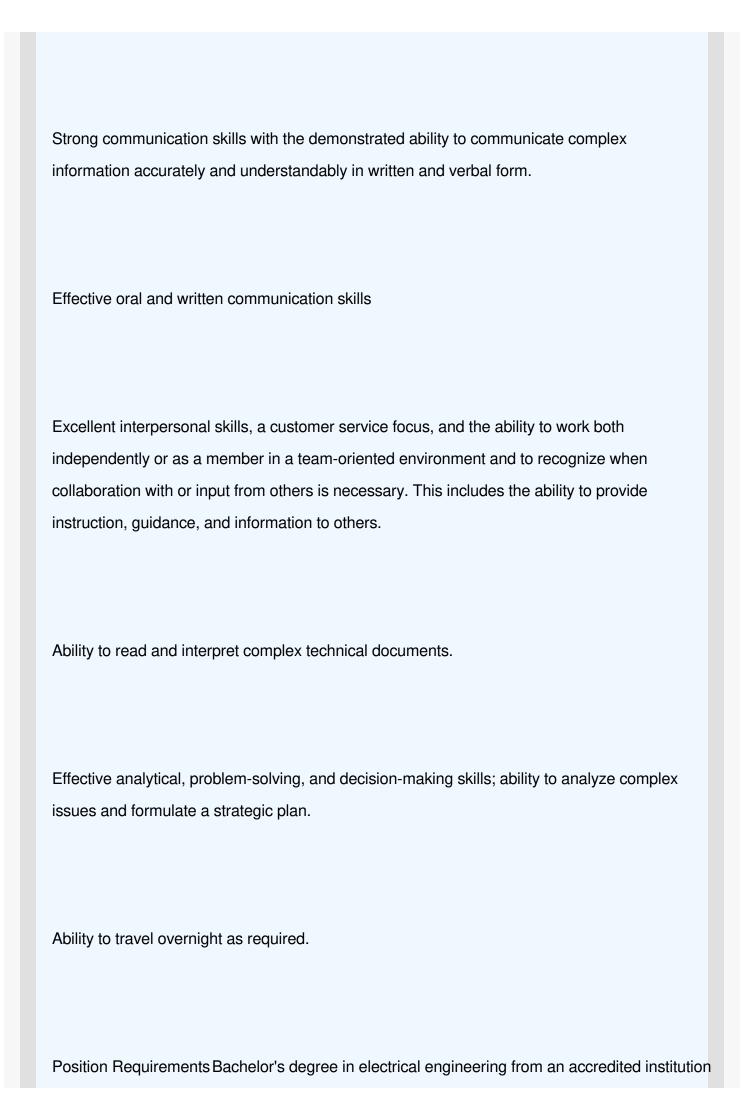
Great Falls, MT

Perm Position

Position is primarily office based and located in Great Falls, MT with travel to generation facilities located in Kevin, Montana and Ethridge, Montana, and travel to company offices in Palm Beach Gardens, FL and Calgary, Alberta Canada

JOB DESCRIPTION





Physical Demands/Work Environment
Position is primarily office based and located in Great Falls, MT with travel to generation facilities located in Kevin, Montana and Ethridge, Montana, and travel to company offices in Palm Beach Gardens, FL and Calgary, Alberta Canada
Office and fieldwork required.
Required to work indoors in an office setting for extended periods of time.
Must be able to work in various weather conditions, including cold temperatures, snow, rain, and heat.
Occasional lifting, carrying, and/or moving items up to 35 pounds at times.
Must be able to climb a wind turbine generator and follow boundary limits and required safety PPE when working around high voltage electrical equipment.

Must have a valid driver s license and ability to obtain a valid passport.

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

Purpose Of Position

The Project Engineer completes technical work and directs others in the planning, designing, development, procurement and construction of electric generation projects, and additions, changes, or maintenance to projects. The position directs, coordinates, and exercises functional authority for planning, organization, control, integration, and completion of engineering projects of moderate size and complexity. Accountable for project engineering decisions as Owners Engineer or oversees contractors who provide Owners Engineering on projects. Review engineering design completed by design engineers and engineering, procurement, and construction (EPC) contractors to assure the design meets the project requirements. Provide and manage technical support for capital projects from conceptual development to completion. This position will be focused on optimizing overall operations by supporting operations and maintenance activities with excellence, accountability, and best practice-based solutions.

Supports engineering services for the planning, design and construction of electric substations, battery, solar, wind and natural gas generation, and for transmission interconnections.

Conducts electrical engineering studies and investigations and prepares oral and written reports. Works as a liaison to coordinate the planning, design, and construction of new electric generation equipment with key stakeholders.

Manages outside engineering services to accomplish the assigned work. Reviews engineering studies, plans, specifications, calculations, evaluations, design package from EPC contractors for compliance with engineering principles, company standards, and contract requirements and specifications.

Supports project management with the scheduling, design, estimates, engineering specifications, drawings, materials procurement, construction contracts, cost tracking and project cost projections. May manage multiple electrical contractors on a project site to support planned and unplanned maintenance, and new construction. Provides technical input to assist in the development of project planning.

Tracks and manages required maintenance and testing for existing electrical equipment at substations and for battery, solar, wind or natural gas generation facilities. Monitor and ensure regulatory compliance inspections, testing, and documentation are conducted in accordance with established procedures, standards, and protocols, and the applicable compliance reporting is accurate and submitted on time. Supports Asset Management in the performance of regular and systematic operational and compliance audits and assessments to ensure the compliance record is always complete and audit ready. Ensure the timeliness

and accuracy of monthly operation reports.

Develop detailed design specifications and prepare bid packages for external engineering services and similar contracts to support the needs of the business.

Responsible for overseeing the specification, design, and maintenance of electrical equipment such as transformers, breakers, and protective relays. Oversee installation, inspection, and commissioning of new equipment. Conduct site inspections to ensure adherence to engineering standards. Review and evaluate equipment performance, analyze tests performed by operations and maintenance teams for compliance with engineering principles, company standards and compliance standards (FERC, NERC, WECC). Support the preparation of annual production, revenue, and expense budgets and related analyses. Support Asset Management by tracking and explaining variances to the budget and create recurring reports on project performance for management review.

Support the Request for Information (RFI) and Request for Quote (RFQ) Request for Proposal (RFP), and the authorization for expenditures (AFE) request process.

Provides engineering assistance to other departments and technical leadership to staff and recommends alternative solutions to management in area of specialty on engineering solutions to meet business needs. Interface with wind farm staff and the BA (Balancing Authority)

Operations Center staff to identify and execute opportunities to improve the operational and commercial performance of operating assets. Monitor operational and generation performance metrics.

Subject matter expert for regulatory compliance (FERC, NERC, WECC) and support the Generation Owner/Generation Operator (GO/GOP) NERC compliance program.

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