
Chief, Electrical Engineer, Instrumentation and Control Sherbrooke or Montreal, Qc

Overview

Manage the team during the activities in design and electrical engineering, instrumentation and control (EIC) for the company's projects all around the world in addition you will be responsible for the technological direction in the discipline.

What You Will Do

- Define EIC team objectives based on the company's strategic objectives and project objectives and deploy them to the entire team.
- Responsible for managing the priorities of the EIC team members, allocating resources and maintaining the resource plan for the various current and future projects.
- Responsible for the development of the EIC standards, including the training and development of its resources, the establishment of processes, standards and the necessary tools, while ensuring alignment with other engineering standards.
- Continual optimization of the work processes of the EIC team by creating, revising and updating the technical standards.
- Increase the productivity of the EIC team in engineering delivery by using / implementing / upgrading the tools needed such as software integrated into the engineering system.
- Participate, direct and coordinate his team during the realization of the plans, specifications, design, commissioning, site monitoring of projects.
- Establish and manage budgets and schedules for his group, in addition to being accountable for the advancement of EIC engineering documents according to the stages of project development (preliminary engineering, detailed engineering and execution).
- Be involved in the creation, review and commentate on the EIC project cost estimates - be creative in order to reduce costs (have involvement and leadership in value engineering journals).
- Share and implement the objective of delivering modular plants - understand the impact of modularization for the realization of EIC engineering.
- Ensure that process control and architecture strategies meet project requirements and established standards.
- Communicating with the purchasing department the strategy in the selecting and identifying of integrated suppliers for instruments, control devices and certain electrical equipment (alliance in accordance with our standards and our volumes).
- Supervise the preparation of the documents and technical sheets for instrumentation, control and electrical equipment.
- Participate in the specification and in the selection of process instruments - build alliances with integrated suppliers for instruments related to the company's technical and business needs.
- Participate in the review of the activities in the multidisciplinary technical documentation for specific equipment packages.
- Participate in the creation of plant development plans related to the EIC standards such as surface area and detail of industrial electrical entrance, routing of underground and aerial wiring, location of electrical rooms and controls.
- Revise and approve supplier technical documentation, technical specifications and coordinate the revision of these documents by other disciplines (drawings, calculations, data sheets, equipment lists and spare parts).

- Act as the main contractor for Hydro-Québec projects in Quebec (produce connection request and coordinate its implementation).
- Approve and track the production of interconnect loop diagrams, drawings of localization, cable lists and instruments.
- Performs preliminary and detailed engineering outsourcing specifications for bidding with engineering consulting firms; Clarifies, analyzes and delivers the grant recommendation based on project needs.
- Provide technical follow-up of external engineering services related to the implementation of the projects.
- Provide technical support during the fabrication of EIC equipment and modular plants in the workshop, the construction, including on-site support during commissioning.
- Support sites in operation for the EIC disciplines.

Skills & Qualifications

- Bachelor's degree in Electrical Engineering.
- Member of the Ordre des ingénieurs du Québec with more than fifteen (15) years of experience.
- Experience in personnel management (technical team).
- Experience in managing EIC plant or construction projects.
- Demonstrate experience in both electrical, instrumentation and control.
- Manufacturing, job site and engineering related experience.
- Have worked with control instruments in refining, petrochemicals, chemical industry and industrial automation an asset.
- Experience in modular plant process an asset.
- Knowledge or experience with Hydro-Québec an asset.
- Discipline and Leadership - Motivated to achieve goals and meet challenges.
- Values the customer approach in its internal and external relationships.
- Creativity and Innovation - Provides innovative solutions to solve problems.
- Sense of urgency - Manages time and priorities effectively.
- Collaboration - Strong aptitude for teamwork and multidisciplinary work.
- Self-Achievement - Sets high standards of excellence.
- Be able to handle multiple files with little supervision.
- Bilingual, both oral and written.
- Knowledge of EIC engineering productivity tools an asset.
- Knowledge of control room design and electrical room layout an asset.
- Knowledge in electrical classification an asset.

Why Join?

The Organization. An avant-garde company in the field of energy.

The Role. The opportunity to participate in the development of unique processes that will have a positive impact on the environment.

The People. Be at the heart of a team of talented and dedicated people who are willing to develop best practices in their field.

Your Next Steps

Email your resume in **word format** to ctucci@radarhh.com . Please quote **project 106586** in the subject line. radar promotes the highest standards of integrity and principles of quality, diversity, equity, and ethical practice. We thank all those who submit their resumes. Only those selected for further consideration will be contacted.