

## Project Engineer



BEYOND **CURRENT**



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## THE COMPANY

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Litostroj Hydro Inc., a subsidiary of Litostroj Group, is a key player in the hydroelectric sector. Our approach is characterized by our focus on simplicity and efficiency to execute projects. Our team relationships with the various players are at the heart of our projects and it is with passion and authenticity that we work to achieve our goals. In the day-to-day operations, Litostroj Hydro Inc. closely collaborates with a multitude of partners located throughout Canada, the United States, and Europe.

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## ROLE SUMMARY

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Under the responsibility of the Director of Technical Operations, the project engineer ensures the consistency of the engineering between the various technical stakeholders. He ensures the smooth running of the projects from a technical point of view and provides the required support to the other internal functions of the team.

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## MAIN RESPONSIBILITIES

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### ADMINISTRATION AND MANAGEMENT

- Plan engineering mandates for the project
- Track engineering deliverables as part of the project schedule
- Produce and manage the list of documents in a project
- Ensure the consistency of the engineering of the different parties by validating the interfaces between systems
- Review engineering deliverables with a global perspective to ensure consistency and customer requirements compliances
- Coordinate changes in design and factory/site supply with the concerned parties
- Coordinate technical review meeting, periodically, with the client and engineering teams
- Consolidate technical project documents and ensure their completion at the end of a project
- Understand the contract and the client's technical specification to deliver project accordingly
- Help to diagnosis and resolute technical problems
- Project management support

### TECHNICAL SUPPORT

- Participate in the development of quality plans for the parts concerned
- Prepare technical specifications for the procurement team
- Work with the procurement team and suppliers for the procurement of components such as evaluation and selection of suppliers
- Develop new partners / subcontractors
- Plan and monitor the manufacturing, rehabilitation, and repairing of components in the workshop
- Provide required technical assistance for suppliers to ensure the proper execution of the work
- Plan supplier shop visit to ensure available capacity and work progress
- Analyze inspection data (Shop or Site) and plan next steps
- Create procedures for inspection, handling, and site activity
- Provide site technical support decisions

- On-site present support when required

#### PLANNING AND SUPPORT

- Design minor components
- Create calculation and validation tools (tightening torques, forces, etc.) for operations
- Maintain the drawing templates of the different software (Solidworks, Autocad) for the different projects
- Support and advice the proposal team on technical requirement
- Participate on site visits to gather the necessary information to support the proposal team or/and the execution team
- Prepare the scope of work
- Drafting and consolidation of technical deliverables in support of the proposal team
- Support and prepare the technical clarifications and deviations for the proposal team

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#### CANDIDATE PROFILE

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- Minimum 5 years of experience in the project engineering filed
- Bachelor's degree in mechanical/electrical engineering or equivalent
- Professional Engineer registered with the Ordre des ingénieurs du Québec
- Experience that can vary depending on the position (senior or junior) in similar functions, ideally 5 years of experience in the hydro industry
- Knowledge of Solidworks and Autocad
- The successful candidate will be expected to support projects not only across all provinces of Canada but also in the United States. This position requires regular communication with the company's clients and partners, primarily located in other provinces of Canada, Europe, and the United States. As a result, a good knowledge of English, both written and spoken, is essential for this role.

*The masculine gender is used throughout this publication solely to make the text easier to read.*