

## CURRICULUM VITAE

**NAME:** **MERCIER, Léandre**

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**FORMATION :** B.A.Sc. in Civil Engineering  
Laval University - 1971  
Member of Ordre des Ingénieurs du Québec n° 22308  
Quantity Surveyor (AEÉCQ accredited)

## Experience Summary

### **CONSULTANTS EN GESTION DE CONSTRUCTION INC.**

- 2000-2019** Shareholder and president of the company, which provides the following professional services:
- Construction cost estimation, engineering and construction techniques, project management, value analysis in construction and optimization, studies, claims preparation and analysis
  - Preparation of expert reports for owners and contractors in construction litigation
  - Administrative and technical assistance for construction projects
  - Cost estimation and planning of all kinds of hydroelectric projects and civil works
  - Preparation of expert reports and court testimony

Preparation of expert reports (for contractors and clients) and court testimony

- 2015** Preparation of an expert report for the contractor on the quantities in dispute in the case of Entreprises CR Ménard Inc. vs. the municipality of Saint-Mathieu-de-Beloeil, related to sewers, waterworks and road works.
- Preparation of an expert report for the subcontractor on the value of the work carried out by MVC Océan for Excavation Loiselle Inc. in the case of the repair of wharves #100 to 102 at the Port of Montreal—settled out of court.
- 2014** Participation in a committee of three experts set up by Hydro-Québec and EBC-Neilson to issue a written opinion on the rock fill work on the Romaine 2 dam.
- 2013** Preparation of an expert report for Aecon related to the excavation and embankment work for the expansion of the Centre de Foires de Québec in the case of Martin Labrecque vs. Quebec City.
- Participation in a Dispute Resolution Board (DRB) set up by Hydro-Québec and Cegerco for the construction work (mainly concreting) on the Romaine 1 powerhouse.
- 2012** Preparation of an expert report on the quantities in dispute regarding a gravel bank in Saint-Bernard de Beauce in the case of Marc Vallières et al. vs. Transport Réal Labrecque et al.
- 2010** Preparation of an expert report for Services Techniques D.C.E vs. Les Entreprises Michauville regarding the supply of structural steel for the rehabilitation of the P-13682 Bridge on Grande-Allée Boulevard, Mont-Saint-Hilaire—settled out of court.
- 2009** Preparation of an expert report in arbitration for Lamothe (Division of Sintra) vs. Ville de Rouyn regarding an aqueduct project for Bellehumeur Development.

**2008** Evaluation of the work to be completed and production of an expert report for the syndic Roy, Métivier et Roberge in the case of Ladufo (bankruptcy) vs. the municipality of Petite-Rivière-Saint-François regarding Développement du Hameau.

Preparation of an expert report for Hydro-Québec in the case of Dawcoelectric vs. Hydro-Québec, contract HQ 10727757, piping installation at the Beauharnois powerhouse.

**2006** Preparation of an expert report after the analysis of a major claim regarding the Eastmain-1 (EM-1) project for the Société d'énergie de la Baie James (SEBJ) in connection with the temporary tunnel bypass work.

Bid preparation (for contractors and clients) and cost estimates

**2012** Preparation of various bids for general contractors:

- Concreting of the water intake, penstock pipes and related works for the Romaine 1 powerhouse
- Water supply works for the Eastmain Reserve in James Bay
- Concreting of a vertical service shaft at the Goldcorp mine, Northern Quebec
- Excavation and site preparation of the Outardes substation
- Site preparation and excavation of the CSX intermodal station in Valleyfield
- Drinking water supply lines in the City of Baie-Comeau
- Excavation of the temporary bypass for the construction of the Romaine 1 powerhouse
- Construction of Lot C (52 km) from Highway 167 North giving access to the Otish Mountains
- Construction of dikes for Detour Gold mine settlement ponds; Ontario

- Underground excavation of the inlet tunnel for the Val Jalbert mini powerhouse

Construction cost estimate for the bridge on Highway 138 over the Natashquan River for the MTQ.

Final preparation of an expert report and court testimony in the case of Ladufo vs. the Municipality of Petite-Rivière-Saint-François regarding Développement du Hameau.

## 2011

Preparation of various bids for the expansion of the ArcelorMittal Mine in Mount Wright for ICCL:

- Installation of the workers' camp
- Infrastructure work for the expansion of the concentrator
- Infrastructure work for the construction of a garage for the maintenance of 400 t trucks

Preparation of two bids for protecting the river banks in a portion of the City of Sept-Îles for a local company.

Estimated construction costs for the Lower Churchill, Newfoundland and Labrador project, for SNC-Lavalin and Nalcor Corporation for the following works:

- Excavation of the house
- Excavation of the spillway
- Construction of river closure cofferdams
- Construction of protective cofferdams
- Construction of the BCR dam (roller compacted concrete)
- Construction of the southern dike
- Preparation of aggregates for concrete
- Installation and startup of concrete plants
- Various control works for the North Spur
- Verification of work schedule

**2009–2010** Participation in the preparation of a bid for the construction of the Romaine-2 dam for ICCL.

Construction cost estimation for the construction and maintenance of approximately 110 km of roads for the installation of a wind farm on the land of the Séminaire de Québec.

**2008** Preparation of a bid for the construction of a 90-km road in Haiti, between Les Cayes and Jérémie.

Cost estimation for general contractors:

- Eastmain-1A (EM-1A)
  - Concreting of the powerhouse, phase 1
  - Excavation and construction of a threshold at Sakami Lake, James Bay
- La Sarcelle
  - Powerhouse excavation and associated work

**2007** Preparation of internal bids for SEBJ regarding the Rupert diversion project:

- Works and structures - Tailbay - Dams and canals

Construction cost estimation for general contractors for the following projects:

- Eastmain-1A
  - Powerhouse excavation
  - Excavation of the water intake and penstocks
- Rupert diversion
  - Works and structures - Upstream reach - North Sector
  - Access road from Eastmain Camp to Muskeg substation
  - Works and structures - Upstream reach - South Sector

## 2006

Preparation of internal bids for SEBJ regarding the Eastmain/Rupert Bypass Project:

- Access road between the Albanel Substation and the upstream reach
- Excavation and services at Camp Rupert
- Access road to the Eastmain-1A tailbay

Construction cost estimation for general contractors for the following projects:

- Rupert Bypass: main dam construction

## 2005

Construction cost estimation for general contractors for the following projects:

- Chutes Allard and Rapide-des-Cœurs
  - Excavation of the powerhouse and construction of cofferdams and dikes
- Péribonka
  - Dam and dike construction

## 2004

Construction cost estimation for general contractors for the following projects:

- Péribonka: underground excavation of the powerhouse, construction of cofferdams and excavation of the spillway (phase 1)
- Eastmain-1 (EM-1): construction of the northern dikes

## 2001–2003

Preparation of internal bids for SEBJ regarding the Eastmain-1 Project:

- Construction of the road from Némiscau to the camp
- Construction of the road from the camp to the main dam
- Excavation of the overburden at the plant
- Construction of the western dikes

Preparation of internal bids for general contractors regarding the Eastmain-1 Project:

- Excavation and installation of camp services
- Excavation of the powerhouse, water intake and penstocks
- Construction of the northern dikes

**2000–2001** Preparation of bids for several general contractors.

Others civil engineering work

**2015** Preparation of a detailed estimate for the excavation and concreting of the underground portion of AMT's public transit light metro tunnel (Axis A-10 / Montreal).

Preparation of a detailed estimate for the underground excavation of the extension of the Montreal Metro's blue line.

**2013** Technical adviser for the study of working methods for the construction of the Atrium of the Alexandre-Vachon Pavillon at Laval University.

**2010** Technical advisor, for the extension project for Lepire Street in Lac-Saint-Charles, Quebec City, for PEB Enterprises Ltd.

**2008** Assessment and management of the remaining development work for Développement du Hameau in Petite-Rivière-Saint-François for the property management company Roy, Métivier, Roberge in the Ladufo case.

**2005** Technical consultant for Les Excavations Marchand & Fils Inc. on the Saint-Gilles Water and Sewer Project, (2005-2006).

**2004** Preliminary study of various claim files for the James Bay Energy Corporation (SEBJ).

**2000–2001** Development of a work procedure for the demolition of a post-stressed reinforced concrete ramp on the Dufferin-Montmorency highway in Quebec City.

## LES CONSTRUCTIONS DU SAINT-LAURENT LTÉE

### 1975–1999

- Preparation of bids
- Establishment of construction techniques
- Implementation of contracts, first as site engineer, then as manager and project manager
- Management, administration, coordination and supervision of all operations related to each project
- Closure of contracts including negotiations and claim settlements

### 1990–1999

Management of legal disputes and supervision of a team of prosecutors and construction experts, in particular in the following areas: geology, excavation, drilling and blasting, loading and transport, accounting and other areas in relation to the Alouette aluminum smelter trial.

### 1995–1996

Preparation of the bid and management of the René-Lévesque Boulevard redevelopment project for the City of Quebec. Demolition, restoration of water and sewer mains, blasting, concreting and urban development.

### 1994

Preparation of bids at the head office.

### 1993

Bid preparation and management of the project to restore municipal water, sewer and water treatment infrastructure for the Société québécoise des Assainissement des Eaux (SQAE) in the Town of Schefferville.

### 1992

Preparation of bids and claims at the head office.



- 1990–1991** Bid preparation and management of the project for the supply and installation of sludge transport pipes for the Communauté urbaine de Québec (CUQ) and installation of a fiberglass sludge discharge pipe connecting the Sainte-Foy and Beauport wastewater treatment plants over a distance of 20 kilometres.
- 1989–1990** Stewardship of the site preparation project for the Alouette aluminum smelter in Pointe-Noire (Sept-Îles). Deforestation, grading, drilling and blasting, excavation, crushing and embankments.
- 1988–1989** Bid preparation and management of the project to the supply and install the Lauzon-Nord wastewater interceptor pipes in the St. Lawrence River for the SQAE.
- 1987–1988** Bid preparation and management of the project to replace underground piping at the QIT Fer et Titane plant in Tracy. Excavation, backfilling, sheet pile installation and lowering of the groundwater for the installation of supply and backflow water lines for cooling furnaces without interrupting the normal plant operations.
- Management of the project to build a reinforced concrete circular silo for the storage of ore at the QIT Fer et Titane plant in Tracy.
- 1985–1986** Bid preparation and management of the project to build aerated ponds for the municipality of Desbiens, construction of a pumping station for the Nutrinor plant and supply and installation of a complete water and sewer system for the municipality of Delisle in Lac Saint-Jean, for the SQAE.
- 1984–1985** Bid preparation and management of a project for the supply and installation of pipes and foundations for the Bécancour aluminum smelter as well as installation of water and sewer lines on the site of the smelter, excavation and grading for the electrical substation and the construction of the E and F tank rooms.

- 1982–1983** Construction management and implementation of various water purification projects for the SQAE in the cities of Saint-Hyacinthe and Chandler.
- 1982** Stewardship of water and sewer works for the City of Château-Richer.
- 1980–1982** Stewardship of the concreting contract for the spillway control structure and the temporary bypass plug in Caniapiscou for SEBJ.
- 1977–1980** Assistant project manager for one year and subsequently project manager for the construction of the temporary bypass and the KA-1, KA-2 dikes and the KA-3 dam in the Caniapiscou reservoir, for the SEBJ.
- 1975–1977** Project manager for various contracts on behalf of the SEBJ at LG-2, such as the construction of phases IIIA and IIIB for the enlargement of the camp, the hospital, etc.
- 1975** Project manager for the repair of a protection structure at Fort George for Public Works Canada as well as rock fill work on Fort George Island requiring the construction and maintenance of an ice bridge for the transport of rock from the island to the mainland.

**PIETTE, AUDY, LEPINAY, BERTRAND, LEMIEUX INGENIEURS-CONSEILS**

- 1971–1974** Resident engineer and supervisor of the construction of eight sections of the Dufferin-Montmorency Highway in Quebec City.

**Specialized knowledge**

**Additional training**

ISO 9002 Quality Assurance Program

Arbitration Seminar – CCAQ  
Project estimation and planning software  
Training to be a member of the DRB  
Presentations given by various law offices in the field  
of construction law  
Explosives training

**Associations**

Ordre des Ingénieurs du Québec (OIQ)  
Member of Société d'énergie explosive du Québec (SEEQ)  
Member of the Association des estimateurs et des  
économistes en construction du Québec (AEÉCQ) as an  
accredited Quantity Surveyor

**Spoken and written languages**

French and English