

CURRICULUM VITAE

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Experience Summary

CONSULTANTS EN GESTION DE CONSTRUCTION INC.

2000-2017 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;
- Completion of several expertise for owners and contractors in construction litigation;
- Administrative and technical assistance for construction projects;
- Specialist in cost estimation and planning of all kinds of hydroelectric projects and civil works ;
- Preparation of expert reports and testimony to the Court.

Preparation of expert reports (for contractors and clients) and testimony to the Court

- 2015** Preparation of an expertise 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 for the repair of wharves #100 to 102 in the Port of Montreal. Settled out of court.
- 2014** Participation in a committee of three experts for a Dispute Resolution Board (DRB) formed 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 the company 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) formed by Hydro-Québec and Cegerco for the construction work (mainly concreting) of the Romaine 1 power house.
- 2012** Preparation of an expertise report on the quantities in dispute regarding a gravel bank in Saint-Bernard de Beauce in the case of Mr. 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 in 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 the 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 power plant.
- 2006** Preparation of an expert report after the analysis of a major claim on the Eastmain-1 (EM-1) project for the Société d'énergie de la Baie James (SEBJ) in connection with the temporary tunnel bypass work.

Bids preparation (for contractors and clients) and cost estimates

- 2012** Preparation of various submissions for general contractors:
- Concreting the water intake, the penstocks pipes and related works for the "Romaine 1" power station;
 - Water supply works for the Eastmain Reserve in James Bay.
 - Concreting of a vertical service well at the Goldcorp mine, Northern Quebec;

- Grading 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 power plant;
- 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 min power plant.

Estimated construction costs for the bridge on road 138 over the Natashquan River for the MTQ.

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

2011

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

- Camp installation for workers;
- Infrastructure work for the expansion of the concentrator;
- Infrastructure work for the construction of a garage for the maintenance of 400t trucks.

Preparation of two bids for the protection of the 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 powerhouse;
- 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;
- Start-up and installation of concrete plants;
- Various control works for the North Spur;
- Verification of work deadlines schedule.

2009-2010

Participation in the preparation of an invitation to tender 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.

Estimation of costs 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
 - Power station excavation
 - Excavation of the water intake and the penstocks
- Rupert diversion
 - Works and structures - Upstream reach - North Sector
 - Access road from Eastmain Camp to Muskeg Station
 - Works and structures - Upstream section - 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 roads 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 power station, 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 SEBJ regarding the Eastmain-1 Project:

- Excavation and installation of camp services;
- Excavation of the plant, 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, extension project for Lepire Street in Lac-Saint-Charles, Quebec City, for PEB Enterprises Ltd.
- 2008** Assessment and management of the completion of the development work for Développement du Hameau in Petite-Rivière-Saint-François for the property management company Roy, Métivier, Roberge in the Ladufo file.
- 2005** Technical Consultant, Saint-Gilles Water and Sewer Project, for Les Excavations Marchand & Fils Inc. (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 LTEE

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 claims 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 others in the framework of 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

Preparation of the submission and management of the project to restore municipal water, sewers 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** Preparation of submission and management of the project for the supply and installation of sludge transport pipes for the Communauté urbaine de Québec (CUQ). Installation of a fiberglass sludge discharge pipe connecting the Sainte-Foy and Beauport wastewater treatment plants for 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** Preparation of submission and project management for the supply and installation of Lauzon-Nord wastewater interceptor pipes for the SQAE in the St. Lawrence River.
- 1987-1988** Preparation of bid and management of the project to replace underground piping at the QIT Fer et Titane plant in Tracy. Excavation, backfilling, sheet pile installations and lowering of the groundwater for the installation of the supply and return water lines for cooling furnaces without interrupting the normal operations of the plant.
- Stewardship of the project to build a reinforced concrete circular silo for the storage of ore at the QIT Fer et Titane mill in Tracy.
- 1985-1986** Preparation of submission and management of the project for the construction of 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

Preparation of submission and project management for the supply and installation of pipes and foundations for the Bécancour smelter. Installation of water and sewer lines on the site of the aluminum smelter, excavation and grading for the electrical substation and the construction of the E and F tank rooms.

1982-1983

Stewardship 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 for 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-2, KA-2 dikes and the KA-3 dam in the Caniapiscou reservoir, for the SEBJ.

1975-1977

Project Manager for the implementation of 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, and others.

1975

Project Manager for the repair of a protection structure at Fort George for Public Works Canada. Implementation of 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.

Additional training

ISO 9002 Quality Assurance Program
Arbitration Seminar – CCAQ
Estimating and planning projects software
Training to be part of DRB
Conferences given by various lawyers' offices in the field of construction law
Training on explosives

Associations

Ordre des Ingénieurs du Québec (OIQ)
Member of the 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