

CURRICULUM VITAE

NAME: **BOURQUE, Jean-Pierre**

ADDRESS: Saint-Augustin-de-Desmaures
Cellphone: (418) 805-9090

EDUCATION: B.A.Sc. in Civil Engineering
Laval University - 1982
Member of Ordre des Ingénieurs du Québec n° 36895

Summary of experience

CONSULTANTS EN GESTION DE CONSTRUCTION INC. (CGC)

2015-2019 Prepared construction cost estimates for excavation and concreting of tunnels for the light-rail project (A10 axis) and the extension of the Metro on the Montreal STM blue line.

Analyzed compensation requests and prepared expert reports related to the #35 multi-user dock project in Sept-Îles, the class action against the “Éoliennes de l’Érable” wind mill project, the construction of the 735 kV Section 1 line from Romaine-2 to the Arnaud substation and other projects (bridge on Natashquan river, structural consolidation of the Saint-Aubin school in Baie St-Paul, a mobile ramp at Université de Montréal, Northfield bridge in Wakefield, elementary school 4-24 in Saint-Jérôme, and the Pat Burns Arena in Stanstead).

Prepared various bids for contractors.

2000-2017 Shareholder and secretary of the company, which provides the following professional services:

Studies, preparation and analysis of claims, preparation of expert reports, estimation of construction costs, bid preparation, project management, engineering and construction techniques.

2014

Studied and analysed claims and expert reports (3 construction projects for the extension of Highway 30 in the Montreal region, an accident involving a fallen crane at the “La Sarcelle” project, and mechanical works at the maintenance shop for 400 t trucks in Mont Wright).

Served as an expert witness during hearings before an arbitration tribunal.

2013

Prepared bids (Iqualuit camps for the international airport improvement project and the inlet tunnel in Val-Jalbert).

Prepared compensation claims (primary school in Chisasibi, Quebec City Amphitheatre).

Analyzed compensation requests (Hôtel-Dieu-de-Lévis hospital extension, aqueducts, sewers and road construction in the Municipality of Saint-Malachie, and excavation and concreting of the temporary diversion tunnel for the Eastmain-1 hydroelectric project).

2011-2012

Prepared the bid and negotiated with the client and served as assistant project manager (technical) for the construction of a 241 km main line pipeline (406 mm dia.) between the Jean-Gaulin oil refinery in Lévis and a connection point to an existing line in Boucherville for Ultramar (Pipeline St-Laurent project).

2004-2010

Studied, analyzed, and evaluated claims for municipal, road and hydroelectric projects and prepared expert reports (Municipality of Saint-Augustin, Granby, Saint-Gédéon, Beauharnois powerplant, Route 138). Served as an expert witness before a court regarding the Saint-Augustin project.

Prepared claims and conducted negotiations (SM-2, Bonne Espérance, Access road to the forebay – Rupert River diversion, Le Delta 3 building).

Prepared bids for hydroelectric projects (Eastmain, Péribonka, Chutes Allard, Rapide-des-Cœurs, Kapuskasing, Buckingham, Rupert and Romaine-2),

mining projects (Bloom Lake, Pointe-Noire railway link), pipelines (TNP in Oka, Bécancour, Ste-Sophie), roads (Autoroute 50, Les Cayes to Jérémie in Haiti) and municipal works (LET Sept-Îles, Uashat phases A and B, bulk cement storage silos in Angola).

Served as chief estimator for the rehabilitation of the Mercier bridge (replacement of the deck on ramps, sections 2, 3 and 4) and consultant for the cost estimation of the Bonaventure expressway redevelopment in Montreal.

Provided technical and administrative assistance for the Péribonka project - construction of cofferdams and phase 1 excavation of the spillway.

Served as project manager for the construction of the access road to the forebay - Rupert diversion, in James Bay.

2003

Drafted, evaluated, and negotiated claims (SM-2, Hart-Jaune).

Provided estimates for demolition work on ramps 13 and 14 of the Dufferin-Montmorency highway in Québec City.

Provided consultation services and wrote up expert reports related to various construction projects.

2002

Prepared and drafted claims, finalized the settlement regarding the PNGTS project for CSL following an arbitration decision.

Prepared various bids (mini hydropower plants, Raglan mine, internal estimates for SEBJ).

Prepared the bid for the construction of a spillway at SM-2 and served as project manager for Lafarge Canada: drilling, blasting and concreting of a control structure.

LES CONSTRUCTIONS DU SAINT-LAURENT LTÉE (CSL)

- 1982-2002** Served as field engineer, project engineer, then project manager responsible for managing and administering contracts and planning and coordinating site operations.
- Prepared bids developed construction methods and settled disputes.
- 1999-2002** Prepared, drafted and analyzed a claim file for the PNGTS gas pipeline project (CSL v. Janin). Hearings and testimony before an arbitration tribunal.
- 1998** Provided site planning services and coordinated operations during construction of a 90 km (610 mm dia.) pipeline between Boucherville and Waterloo - PNGTS project, section 2, for TQM Pipeline.
- 1997** Oversaw rock excavation and concreting of the catch basin during construction of the liquid natural gas capture basins at the LSR plant in Montreal, for Gaz Métropolitain.
- 1995-1996** Provided a number of services related to construction of 3 mini-hydropower plants (PN-1, PN-2 and PN-3) on the Portneuf River in Sainte-Anne-de-Portneuf for Innergex (turnkey project): development of detailed engineering, construction of works including some river works, rock excavation (surface and underground), consolidation and injection works, concreting, supervision and coordination of several subcontractors and commercial start-up.
- 1994-1995** Provided services related to secondary effluent treatment in Clermont for Donohue Saint-Félicien Inc.: foundation work and concreting of two treatment basins, construction of six pumping stations and a service building and installation of underground piping and an outlet to the river.
- 1993** Prepared bids and claims at the head office, conducted negotiations and settled construction disputes.
- 1990-1992** Provided services for remote-area construction of four short-range radar bases on the Labrador Coast (Zone 5) for Defence Construction (1951) Ltd.: coordination of sea and air transportation, construction of access roads, camp installation and operation, installation of pile foundations, construction

of steel structures and technical buildings, equipment installation and commissioning.

- 1990** Prepared bids and claims at the head office.
- 1989** Oversaw underground excavation of the powerhouse, surge chamber, draft tubes and galleries, including consolidation works and underground services at the underground power station at LG-2A, James Bay for SEBJ.
- 1987-1988** Managed open pit, mass drilling and blasting, loading, hauling, crushing and placing of ore for the Hope Brook Gold Mine in Newfoundland coordination of sea and air transportation.
- 1985-1986** Completed four water treatment contracts in Rivière-du-Loup for Société Québécoise d'Assainissement des Eaux (SQAE): waterworks and sewer works, including the excavation and concreting of a tunnel and construction of cofferdams, pumping stations and municipal infrastructures.
- 1984** Field engineer for construction of 123 km (406 mm dia.) natural gas main line pipeline between La Tuque and Chambord for Gaz Inter-Cité Québec Inc.
- 1983** Natural gas distribution and connection of buildings in Sainte-Foy and Sherbrooke for Gaz Inter-Cité Québec Inc.
- Field engineer for construction of 22 km (406 mm dia.) natural gas main line pipeline between Trois-Rivières and Shawinigan and a 23 km (168 mm dia.) branch line between Trois-Rivières and Bécancour for Gaz Inter-Cité Québec Inc.
- 1982-1983** Field engineer for construction of 106 km (610 mm dia.) natural gas main line pipeline between Trois-Rivières and Québec City, for Trans-Québec & Maritimes (TQM).

Specialized knowledge

Additional training

Expert witness training (Contech)
Arbitration Seminar - CACNIQ (now CCAC)

Study sessions on contract claims
Presentations by various law offices on construction law
Project estimation and planning software
ISO 9002 Quality Assurance Program
Explosives training

Associations

Ordre des Ingénieurs du Québec (OIQ)
Member of Société d'énergie explosive du Québec (SEEQ)

Spoken and written languages

French and English