

PR 88-014

EXPLORATION OREX INC.

RESPONSE TO THE
INVITATION TO TENDER
ON THE FEASIBILITY STUDY
FOR GOLDBORO PROJECT

AUGUST, 1988

PR 88 - 014

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INVITATION TO TENDER
ON THE FEASIBILITY STUDY
FOR GOLDBORO PROJECT

AUGUST, 1988

August 19, 1988

Mr. Michel Roy
Exploration Orex Inc.
General Delivery
Goldboro,
Guysborough County
Nova Scotia
B0H 1L0

Dear Sir:

Included you will find a copy of our tender for a feasibility study for the Goldboro project.

We have chosen to bid on all of the items described in the invitation to tender. Our offer amounts to \$7,559,943.

I trust that our bid will be favorably received.

Yours truly,



For Legault, Fournier, Gauthier and Associates Inc.

By: Laurier Legault

VAL D'OR

C P. 398, Aéroport de Val d'Or
Val d'Or, (Québec) J9P 4P4
tél.: (819) 825-1353
fax. (819) 825-1130

MALARTIC

761, rue Royale
Malartic, (Québec) J0Y 1Z0
tél.. (819) 757-4690

General technical proposition

Since we will be bidding on all the items contained in the invitation to tender, we thought it would be best to present a technical proposition for each item. The information pertaining to our capacity to bring about such projects appears in Appendices 1 and 2 and in Table 1, so they are not repeated for each item. A detailed description of our methodology follows.

Methodology

The methodology chosen varies according to the type of study to be done. The choice stems from our expertise, developed in the course of similar projects (see Appendix 2 for a list of projects).

Technical aspects:

The consultants assigned to the items and the budget ventilation are shown in Table 1. The resumés of the personnel are presented at Appendix 2.

Legault, Fournier, Gauthier & associés Inc.
 Experts-Consells

TABLE 1**DISTRIBUTION OF CONSULTANTS**

Resources	DAILY RATE (\$)	ITEM 1	ITEM 2	ITEM 3	ITEM 4	ITEM 5	ITEM 6	ITEM 7	ITEM 8	ITEM 9	ITEM 10	ITEM 11	TOTAL
R. Martineau Structure - civil eng.	700				20 DAYS 14000			30 DAYS 91000	25 DAYS 17500				\$122,500
R. Hegimbold Structure - civil eng.	700							30 DAYS 21000	30 DAYS 21000		30 DAYS 21000		\$63,000
R. Vallée Structure - civil eng.	700							15 DAYS 10500	30 DAYS 21000		20 DAYS 14000		\$45,500
J. Chouinard Mechanic - electrical	700				20 DAYS 14000			15 DAYS 10500	23 DAYS 16100				\$40,600
J. Brossonette Mechanic - electrical	700								23 DAYS 16100				\$16,100
H. Blondin Urbanism - environment	650								1 DAY 650		120 DAYS 78000	7 DAYS 4550	\$83,200
S. Gibeau Urbanism	650								4 DAYS 2600		60 DAYS 39000		\$41,600
F. Hans Urbanism	650								4 DAYS 2600		60 DAYS 39000		\$41,600
To determine Mining engineer	650		10 DAYS 6500	15 DAYS 9750	250 DAYS 162500						60 DAYS 39000		\$217,750
To determine Geologist	650			120 DAYS 78000	100 DAYS 65000	10 DAYS 6500	55 DAYS 35750				65 DAYS 42250		\$227,500
To determine Metallurgist	650		15 DAYS 9750				30 DAYS 19500						\$29,250
To determine Drawing technician	350			120 DAYS 42000	65 DAYS 22750		10 DAYS 3500	25 DAYS 8750			60 DAYS 21000	55 DAYS 19250	\$117,250
To determine Geology technician	350			80 DAYS 28000	190 DAYS 66500								\$84,500
To determine Economist	500	15 DAYS 7500								15 DAYS 7500	15 DAYS 7500	45 DAYS 22500	\$45,000
To determine Social sciences	500	5 DAYS 2500										20 DAYS 10000	\$12,500
To determine M.B.A.	650									40 DAYS 26000	10 DAYS 6500		\$32,500
Sub-total		\$10,000	\$16,250	\$157,750	\$344,750	\$26,000	\$39,250	\$141,750	\$199,800	\$33,500	\$203,250	\$37,050	\$1,208,350
Other fees	Rate Category												
Transport-Hotel \$250/day			1800	8600	40000	2000		8000	15000		9500	3900	\$88,800
Word processing	5 DAYS 1250	5 DAYS 1250	120 DAYS 30000			10 DAYS 2500	3 DAYS 750	10 DAYS 2500	20 DAYS 5000	3 DAYS 750	27 DAYS 6750	20 DAYS 5000	\$55,750
Report printing	500	500	5000			1000	500		3000	1000	2500	1500	\$15,500
Books, supplies, etc. \$200/ton, all incl.	650	400							1000	300	1500	1000	\$4,850
Mining contractor \$30/foot, all incl.				20000	4000000								\$4,000,000
Drilling contractor			40000	1200000									\$1,200,000
Laboratory and analyses			35000			202025					70000		\$307,025
Sub-total		\$2,400	\$3,950	\$1,270,000	\$4,040,000	\$207,525	\$1,250	\$10,500	\$24,000	\$2,050	\$90,250	\$11,400	\$5,663,325
Total		\$12,400	\$20,200	\$1,427,750	\$4,384,750	\$233,525	\$40,500	\$152,250	\$223,800	\$35,550	\$293,500	\$48,450	\$6,872,675
Contingency 10%		\$1,240	\$2,020	\$142,775	\$438,475	\$23,353	\$4,050	\$15,225	\$22,380	\$3,555	\$29,350	\$4,845	\$687,268
Total		\$13,640	\$22,220	\$1,570,525	\$4,823,225	\$256,878	\$44,550	\$167,475	\$246,180	\$39,105	\$322,850	\$53,295	\$7,559,943

experts-consells inc.

C. P. 398, Place Concorde
 Val D'Or (Québec)
 J9P 4P4
 Tél.: (819) 825-1353, fax: (819) 825-1130

Legault, Fournier, Gauthier & associés Inc.

Experts-Consells

Overall financial proposition:

Presented below is an overall financial proposition for each item.

ITEM 1	\$	12,400
ITEM 2	\$	20,200
ITEM 3	\$	1,427,750
ITEM 4	\$	4,384,750
ITEM 5	\$	233,525
ITEM 6	\$	40,500
ITEM 7	\$	152 250
ITEM 8	\$	223 800
ITEM 9	\$	35 550
ITEM 10	\$	293 500
ITEM 11	\$	48,450
TOTAL	\$	6 872 675
CONTINGENCY (10%)	\$	687 268
GRAND TOTAL	\$	7 559 943

Item 1: Feasibility of the gold market

This study is aimed at determining the market for gold. The study will take into account the historical and cyclic aspects of this market in order to establish a favorable price.

The following points will be dealt with in detail: market cycles; world market, present Canadian reserves, production perspectives.

The results anticipated will help in production planning and facilitate the choice of marketing strategy for the product.

**Item 2: Opportunity study for building a
mill**

This study will examine the possibility of constructing a mill to meet the needs of the Goldboro project and other mines in the area.

It will take into account a study of the potential market for the bulk treatment of ore, will deal with competition in that field, the characteristics of existing mills and the possibility to have them process the Goldboro ore. The study will also deal with the advantages and the disadvantages of such a solution.

Based on an analysis of needs, the study report will recommend if a mill should be built and if so, what type of mill.

Item 3: Definition drilling

As specified in the invitation to tender, this includes supervising and performing 40,000 feet of definition drilling spread over a 25-meter grid.

The drilling work itself will be done by a contractor (not yet determined). Legault, Fournier, Gauthier & Associates Inc. will supply the technical and professional personnel required (yet to be determined) for the supervision of works and the production of a final report.

This report will include the compilation and the interpretation of the results as well as all the required plans. Moreover, the drilling logs will be included with the report.

Item 4: Bulk sample

A bulk sample of 20,000 short tons of ore will be taken in two of the mineralized belts.

Sampling as such will be done by a mining contractor under the supervision of Legault, Fournier, Gauthier & Associates Inc. Legault, Fournier, Gauthier & Associates Inc. will assume work supervision and execution by assigning the necessary technical and professional personnel (yet to be determined). Legault, Fournier, Gauthier & Associates Inc. will produce a final report including the interpretation of results and all required plans. The report will show which mining method or methods are required, the operating costs and the results of the assays.

Item 5: Recovery tests

Legault, Fournier, Gauthier & Associates Inc. will ensure the supervision of a group of tests and assays on the mineralized rock in order to determine the preliminary physical flow of the mill as regards ore recovery.

Legault, Fournier, Gauthier & Associates Inc. will also conduct the tests necessary for an eventual treatment of mine tailings located on the property.

The work will be done in one or more specialized laboratories under the supervision of Legault, Fournier, Gauthier & Associates Inc. personnel (yet to be determines).

**Item 6: Reserves calculations and
characteristics of the
mineralized rock**

In light of the results of the definition drilling and assays, Legault, Fournier, Gauthier & Associates Inc. will be able to calculate the reserves.

Calculations will be done in accordance with existing standards for this type of work. Legault, Fournier, Gauthier & Associates Inc. will include a complete report on the plans and specifications on which the calculations are based.

**Item 7: General concept for
construction of a mill**

The importance to give to the construction of the mill will have been determined by the preceeding stages (development studies and works).

The program for mill construction will include a description of the different elements, as well as layout plans of the different levels and façades.

Also included will be the all the diagrams and the descriptions of mechanical and electrical processes needed to understand the technical program.

Cost evaluation will be done after the realization of the general concept of the mill, as specified above.

**Item 8: Description of phases of the
project and cost estimates**

Following steps 1 to 7 described above, it will be possible to undertake the description of the different project phases, to establish a cost control system and present budget estimates for each phase.

Also, the study will allow us to make projections of the anticipated revenues.

Four main phases will be analysed:

- Site preparation;
- Underground structure development;
- Pre-production;
- Mill construction.

For each of these phases, the report will include: a summary of the work already accomplished and yet to be accomplished; all plans and specifications, cost estimates and justifications. A cost control system to be established will be included as well. The report will conclude on expected revenues.

**Item 9: Financial feasibility of the
project**

The study of the financial feasibility of the project can be started when the reserves has been calculated, an ore treatment method has been chosen, gold market perspectives have been studied, results of bulk sampling are in and results obtained by the mining method are in, and anticipated production costs have been received.

This data base is essential for the financial feasibility study. With the use of all this information, Legault, Fournier, Gauthier & Associates Inc. will be able to establish the following points, as specified in the invitation to tender:

- Project horizon;
- Capital cost determination;
- Determination of amortization categories;
- Method of analysis chosen and hypotheses;
- Project revenue budget;
- Project cost budget;
- Pro forma statement of revenues and expenses;
- Cash budget for the project;
- Determination of the cash flow of the project.

These analyses will enable us to set out different scenarios for the realization of the project, taking into account the anticipated evolution of the price of gold, operating costs, estimated reserves and grades.

Item 10: Environmental feasibility

The objective of this study is to ensure the promoters that the project will not have major negative impacts on the natural environment or impose constraints on the surrounding population. Legault, Fournier, Gauthier & Associates Inc. will undertake the studies necessary to plan this aspect of the project.

Legault, Fournier, Gauthier & Associates Inc. will undertake a geotechnical study, followed by a study on a tailings pond design. At the same time, Legault, Fournier, Gauthier & Associates Inc. will do an environmental impact study in which the project, the biophysical and human environment will be described. Also included in this study are an impact evaluation and an analysis of the alleviating measures which could be used. The report

Legault, Fournier, Gauthier & associés Inc.**Experts-Consells**

will include a description of the environmental follow-up which will have to be done during the pre-production and production phases of the project.

Legault, Fournier, Gauthier & Associates Inc. will also obtain all necessary authorisations for the project.

Item 11: Social feasibility

Legault, Fournier, Gauthier & Associates Inc. will undertake a social feasibility study of the project whose objective will be to help the project promoters to situate the project in its social and economic contexts. This analysis will also enable promoters to anticipate any specialized labour recruitment difficulties during pre-production and production phases.

In order to execute this analysis, Legault, Fournier, Gauthier & Associates Inc. will collect the necessary data, i.e.:

- Geographical context;
- Social and economic indicators;
- Social and economic structures;
- Manpower predictions.

The report will indicate which problems can be anticipated with regards to manpower recruiting and impact on the community.

Appendix 1

RESUMES OF THE CONSULTANTS

NAME

LEGAULT, Laurier

DATE OF BIRTH

August 4th, 1941

CITIZENSHIP

Canadian

LANGUAGES

English and french

EDUCATION

1960 - 1965

Baccalaureate of Engineering
(Mechanical Engineering)

Ecole Polytechnique, University of Montreal
Montreal, Quebec, Canada

1959 - 1960

Mont Saint-Louis College
Montreal, Quebec, Canada

PROFESSIONAL EXPERIENCE

1986

PATRY, LAPORTE AND ASSOCIATES INC.
Consultants
Affiliated with: SOPRIN CONSULTANT INC.

Engineer

1973 - 1985

LAURIER LEGAULT AND ASSOCIATES

Principal Associate

- Worked in collaboration with the firm Monarque, Morelli, Gaudette, Laporte until 1975.
- Design and construction supervision of sanitary and storm-drainage networks, water distribution systems and road infrastructures for a residential district in Malartic.
- Design of a sewer interceptor and road networks for the city of Malartic.

PROFESSIONAL EXPERIENCE (cont'd)

- Project engineer (two years) for the La Verendrye Regional School Board Commission. Construction supervisor for the Le Trémplin Highschool in Malartic. Design and supervision of trails and landscape for Le Carrefour Highschool, Val d'Or.
- In 1975, worked in collaboration with the firm Caza, Gariépy and Associates Inc. on various municipal projects and others until 1985.
- Formed a new company to build and operate an ore treatment plant for an estimated value of 20 million dollars, to meet the needs of gold ore treatment in the Abitibi region.
- In 1985, associated with the firm Patry, Laporte and Associates Inc. Supervised of wastewater treatment systems and other engineering projects in the Abitibi-Temiscamingue region.
- Since 1973, advised the city of Malartic in the areas of municipal engineering, construction and other fields and acted as coordinator for all projects executed.

1969 - 1981

ST-JARRE AND LEGAULT LIMITED

Owner and administrator of a transportation company (50 buses). School transportation, urban transportation and long distances.

1967 - 1969

AMERICAN AIR FILTER OF CANADA LTD

Sales representative of manufactured products for air pollution control, ventilation, heating, air-conditioning and filtering.

1965 - 1967

IMPERIAL OIL OF CANADA LTD

Construction project engineer.

- Technical representative to industries and commercial centers, advisor in lubrication.

PROFESSIONAL AFFILIATIONS

Order of Engineers of Quebec

Graduate Association of Polytechnique (University of Montreal)

Quebec Association of Consulting Engineers

Canadian Association of Consulting Engineers

LEGAULT, Laurier

LIST OF PROJECTS

<u>PROJECT NAME AND LOCATION</u>	<u>COST</u>	<u>DATE COMPLETED</u>
Malartic Regional Camping	1 600 000\$	1974
Construction of sewer networks, water supply systems, road infrastructures for residential district, Malartic	650 000\$	1975
Exterior sporting facilities Val d'Or	550,00\$	1976
Exterior sporting facilities, Malartic	150 000\$	1977
Water supply, Malartic	450 000\$	1977
Mining Museum, Malartic	400 000\$	1977
Restoration of Michel-Brière Center, Malartic	850 000\$	1979
Rehabilitation of La Salle and La Paix roads, Malartic	300 000\$	1980
North-West district, Malartic	350 000\$	1981
La Salle boulevard, Malartic		
- Phase I	400 000\$	1982
- Phase II	600 000\$	1983
Royal street, Malartic		
- Phase I	1 700 000\$	1984
- Phase II	1 300 000\$	1985

NAME MARTINEAU, René
BIRTH DATE August 27, 1926
CITIZENSHIP Canadian
LANGUAGE SPOKEN & WRITTEN French and English, fluently
Knowledge of Spanish

EDUCATION

1945 - Bachelor of Arts, College Jean de Brébeuf, Montreal

1950 - B.A.Sc. and civil engineer, Ecole Polytechnique of Montreal

1951 - Studies and apprenticeship at S.T.U.P., Paris, France (under the late Eugène Freyssinet)

PROFESSIONAL EXPERIENCE

1986 to date **SOPRIN CONSULTANTS INC.**
Chairman

1979 to date **MARTINEAU, VALLEE, REGIMBALD INC.**
President

1969 - 1979 **MARTINEAU, VALLEE & ASSOCIATES**
Associate senior

1966 - 1969 **MARTINEAU, SAMSON & ASSOCIATES**

Associate. Beside his administrative function as president of the company, he is responsible of the structural conception and general supervision of many projects, namely the Palais des Congrès de Montréal, Les habitations Guy-Favreau, the Food Research Center in St-Hyacinthe, and was special consultant for prefabrication and prestressing for the Montreal Olympic Stadium.

1955 - 1966 **BOURGEOIS & MARTINEAU**

Partner responsible for projects such as the Champlain bridge (section III), the French Pavilion and the Autostade at Expo 67, the Ile-aux-Troutres Birdge, and many others.

PROFESSIONAL EXPERIENCE (Cont'd)

1954 - 1955

MARTINEAU & ASSOCIATES
Precast concrete contractor.

1953 - 1954

KEY CONSTRUCTION LTD

Engineer and estimator for a general contractor acquiring thus practical construction and costs experience in projects such as tunnels, bridges and buildings.

PUBLICATION

René Martineau is the author of many articles in technical periodics and of many lectures for engineering societies (Engineering Institute of Canada, Eastern Canadian Association of Highway Officials, American concrete Institute, PCA at Laval University, etc.)

MAJOR PROJECTS

- Sherbrooke stadium (first prestressed concrete structure in Canada - 1951)
- St-Gérard Majella Church, St-Jean, Québec (Massey Medal)
- Champlain Bridge - Section III
- Ile aux Tourtres Bridge
- Overpasses on autoroute des Laurentides
- Ile St-Bernard Bridge
- Pavillon de la France - Expo 67
- Autostade - Expo 67
- Garage Louis-Colin, University of Montreal (Canadian Design Citation)
- Consultant for prestressed concrete Montreal Olympic Stadium
- Palais des Congrès of Montreal - Awards from ACI, PCI, PTI
- Habitations Guy-Favreau, Montreal
- Food Research Center, St-Ilyacinthe (Public Work Canada)
- Wharf restoration and building structural refectations - Montreal Harbor
- Water treatment plant - La Prairie, Quebec
- Water treatment plant - Longueuil, Quebec

MEMBER

Ordre des Ingénieurs du Québec
Association of Professional Engineers of Ontario
Engineering Institute of Canada
American Concrete Institute
Association of Consulting Engineers of Quebec
Association of Consulting Engineers of Canada
Montreal Structural Engineers (past president)
CSA - Certification Committee for precast plant
(chairman 1974-78)
CSA - Member of standard A251 - Qualification
code for manufacturers of Architectural and
Structural Precast concrete
Association des diplômés de Polytechnique
(administrator)
Chambre de Commerce de Montréal

NAME REGIMBALD, Richard

DATE OF BIRTH September 22, 1947

CITIZENSHIP Canadian

LANGUAGES French and English

EDUCATION

1971 - Civil Engineer and Bachelor of Applied Sciences - Ecole Polytechnique of Montreal

PROFESSIONAL EXPERIENCE

1986 to date SOPRIN CONSULTANTS INC.
Vice-president

1979 to date MARTINEAU, VALLEE, REGIMBALD INC.
Associate and vice-president

1975 - 1979 MARTINEAU, VALLEE AND ASSOCIATES
Associate

1971 - 1975 MARTINEAU, VALLEE AND ASSOCIATES
Design engineer

MAJOR PROJECTS

Project engineer on many projects, namely:

- Water treatment plant - La Prairie, Quebec (tunnel of 5 km)
- Ecole Joseph Charbonneau, Montreal (\$9M)
- Complexe Cousineau, St-Hubert (\$12M)
- Viaduc Boul. Pelletier, Brossard
- Palais des Congrès of Montreal (\$60M)
Project engineer and resident engineer during construction
- Centre Ville, Ville Radisson - James Bay

MEMBER

- Association des Diplômés de Polytechnique
- Ordre des Ingénieurs du Québec
- Association des Ingénieurs-Conseils du Québec
- Association des Ingénieurs-Conseils du Canada
- Association of Professional Engineers of Ontario

NAME VALLEE, Roch
DATE OF BIRTH April 12, 1934
CITIZENSHIP Canadian
LANGUAGES French and English
EDUCATION
1961 - Civil Engineer and Bachelor of Applied Sciences, from Ecole des Sciences, University of Sherbrooke.

PROFESSIONAL EXPERIENCE

1986 to date SOPRIN CONSULTANTS INC.
Secretary-treasurer
1979 to date MARTINEAU, VALLEE, REGIMBALD INC.
Associate and secretary-treasurer.
1969 - 1979 MARTINEAU, VALLEE AND ASSOCIATES
Associate senior
1966 - 1969 MARTINEAU, SAMSON AND ASSOCIATES
Design and supervision engineer.
1961 - 1965 BOURGEOIS AND MARTINEAU
Design and supervision engineer.

MAJOR PROJECTS

Coordination and field supervision on many projects, namely:

- Four overpasses - Autoroute 13, Laval
- Overpasses in St-Bruno, Quebec
- Charles Lemoyne Hospital, Greenfield Park (\$6M)
- Garage Louis-Colin, University of Montreal
- Centre d'accueil Fatima, Longueuil (\$7,7M)
- Ecole Joseph Charbonneau, Montreal (\$9M)
- Viaduc Boul. Pelletier, Brossard
- Food Research Center, St-Hyacinthe (\$20M)

MEMBER

- Ordre des Ingénieurs du Québec
- Association des Ingénieurs-Conseils du Québec
- Association des Ingénieurs-Conseils du Canada

ASSOCIATIONS

- Club Richelieu Candiac, La Prairie & Brossard
President in 1969
- Fédération Co-op Habitat du Québec
Administrator
- Co-op Habitat des Monts Régionale
Director
- Commission d'Urbanisme, Brossard
Vice-president
- Chambre de Commerce de Montréal et de la Rive
Sud
- Club Lion of Verdun
- Association des Diplômés of University of
Sherbrooke
- Gouverneur - Faculté des Sciences Appliquées,
Universigy of Sherbrooke (Vice-president)

NAME CHOUINARD, Jacques - Engineer
DATE OF BIRTH June 26th, 1954
CITIZENSHIP Canadian
LANGUAGES English, French

EDUCATION

1973-1977 UNIVERSITY OF SHERBROOKE
Sherbrooke (Quebec), Canada
B.A. Sc. Mechanical Engineering

1972-1973 ST-JOHN ROYAL MILITARY COLLEGE
Montreal (Quebec)
Pure Sciences

1971-1972 CEGEP de Matane
Pure Sciences

PROFESSIONAL MEMBERSHIP:

Order of Engineers of Quebec

Member of Comité des finissants en
génie de 1977, à l'université de
Sherbrooke.

PROFESSIONAL EXPERIENCE

1984/...

BISSONNETTE, CHOUINARD INC.
Longueuil (Quebec)

Engineering-Consultant

Department Manager (Associate)

- Laprairie Basin-Wastewater Treatment plant. (Instrumentation & operation)
- Williams & Wilson's offices
- Napoléon-Bourassa School
- St-Hyacinthe City Hall - restoration works
- St-Liboire School
- B.S.T. Buildings
- Taillon Residence
- L'Aquarelle, Elementary school
- St-Lambert Hospital - restoration works
- Yvon Boulanger Ltd's Plant - Ventilation system

1980-1984

JACQUES BISSONNETTE & ASSOCIATES
Longueuil (Quebec), Canada

Engineering-Consultant

Department Manager

- Youth Home (maison des jeunes, Longueuil)
- Habitations Les jardins St-Jacques
- Varennes C.L.S.C.
- Shell Canada - Computer room
- Regina Hospital - external day care
- C.A. Mgr Forget
- Anne Le Seigneur - restoration works
- Imprimerie Chartier - expansion
- Pratt & Whitney test cells
- Police station, Brossard & St-Lambert

1979-1980

INDUSTRIES BFG LTEE
ST-BRUNO (Quebec), Canada

Responsible for:

- Development projects: team of 2 technicians
- Time and motion department: one supervisor and 3 technicians

NAME BISSONNETTE, Jacques - Engineer

DATE OF BIRTH June 14th, 1937

LANGUAGES English, French

EDUCATION

1983 Course in Management

1982 Course in Robotic

1970 UNIVERSITY OF MONTREAL
MONTREAL (Quebec), Canada
Company Management

1957-1961 UNIVERSITY OF SHERBROOKE
B. Eng. Mechanical Engineering

1955-1957 ST-JEAN ROYAL MILITARY COLLEGE
ST-JEAN (Quebec)

PROFESSIONAL MEMBERSHIP

- Order of Engineers of Quebec
- Association des ingénieurs-conseils du Canada
- Chambre de commerce de la Rive-Sud
- Association de la construction de Montréal et du Québec
- Chambre de commerce de Montréal
- Devis Canada
- Association of Professional Engineers of Nova Scotia

PROFESSIONNAL EXPERIENCE

1987/...

BISSONNETTE, CHOUINARD INC.
Longueuil (Quebec)

Electrical Engineer

Control and computer application

Participated in the design, estimation, and realization of the "Laprairie Basin Wasterwater Treatment" project.

Participated in the preliminary study of the air quality in the building of Ministère des Transports duVieux Montreal.

Used the Trane's software (Customer direct service C.D.S.) and energy system analysis software (E.S.A.S.) for the design of various projects.

LA REGIE DES INSTALLATIONS OLYMPIQUES
R.I.O. of Montreal

Assistant Engineer

Report writing and plan drawing on the control system following: lighting inside and outside, magnetic door and fire alarm.

PROFESSIONAL EXPERIENCE

1984/...

BISSONNETTE, CHOUINARD INC.
Longueuil (Quebec)

Président

Project manager:

- St-Luc School
- Three (3) Test Cells for Pratt & Whitney Inc.
- Sabex International Ltd
(Pharmaceutical products)
- Condominiums (500 units)
- Laboratory for Fish & Oceans Canada

1980-1984

JACQUES BISSONNETTE & ASSOCIATES
Longueuil Quebec)

Engineer-Consultants

Mechanical and electrical installations for industrial, commercial, institutional and residential projects.

Projects:

- Pratt & Whitney: Plating department
- Customer Service Training Center
- Garage Poney
- Complexe Cousineau - Shopping center
- C.L.S.C. of Varennes
- Belle Etoile Housing Units
- Fiberglas Canada Ltd

1972-1980

LABRECQUE, BISSONNETTE & ASSOCIATES
Longueuil (Quebec)

Design and project supervision:

- Good Sheppard School (Bon Pasteur)
- Chartier Printing facility

1972-1980 cont'd

LABER INC.
Longueuil (Quebec)

Vice-President

Project Management:
- Bourg Champêtre (169 units)

1965-1972

PRATT & WHITNEY CANADA INC.
Engineering Department
Montreal (Quebec), Canada

Project Engineer

In charge of test cells for the
production of jet engines, turbo-
propeller, and piston engines;

Design of test benches and various
hydraulic systems;

Responsible for construction of engine
test facilities and plant expansion.

1961-1965

CANADIAN GYPSUM
QUEBEC, Canada

Project Engineer

Responsible for maintenance of the
fleet of vehicles.

Building and systems maintenance
engineer.

1958-1965

CITY OF SHERBROOKE
Sherbrooke (Quebec), Canada

Surveying Works

NAME H  l  ne Blondin

DATE OF BIRTH April 22, 1954

CITIZENSHIP Canadian

LANGUAGES French, English,

EDUCATION

1977 Bachelor Degree in Landscape Architecture
Universit   of Montr  al
Quebec, Canada

1973 Pures Sciences, D.E.C.
(Dipl  me d'Etudes Coll  giales)
Rosemont Coll  ge
Montr  al, Qu  bec, Canada

SPECIALIZED FIELDS OF ACTIVITY

Consultant in regional planning and urban development:
Project management in urban parks design, need analysis,
surveys, public hearings and consultations, activity
programs.

Impact studies, mitigation measures and environmental
evaluations.

Project manager:

Programming, cost evaluation, quality control, schedule
control, construction supervision, operating and
maintenance programs.

Design manager:

Design guidelines, future trends, site plans,
construction detailing.

SPECIALIZED FIELDS OF ACTIVITY (cont'd)

Planning studies

- . Site analysis, potentials and constraints for site developments, land use planning.
- . Impact studies for projects on human and natural resources, design of mitigation measures, environmental assessment.

PROFESSIONAL EXPERIENCE

1986 to date

PATRY, LAPORTE ET ASSOCIES INC.

Landscape architect

- Environmental impact study of a highway intersection. In charge of the study and the synthesis of the many field analysis such as economic, traffic, acoustic, landscape and urban planning.
- Operating Center and Business Office for the "Société de Transport de la Rive-Sud de Montréal" planning and cost control manager in charge of the work schedule and the budget.
- Open-space master plan, Ville de Longueuil, manager in charge of scheduling and quality control.

1985

GROUPE CONSEIL ROCHE

Impact study "Projet Archipel", Hydro-Québec

- In charge of visual impact assessment, hydraulic experiments on large scale model and site design.

1984

SOCIETE LAHAYE & OUELLET, ARCHITECTS AND URBAN PLANNERS.

Parc du Canal Lachine, Parks Canada

Design manager for the planning and construction of an urban park along the Lachine Canal, including the reconstruction of old locks, bridges and marinas.

PROFESSIONAL EXPERIENCES (cont'd)

1983

Secretariat Archipel, Quebec Government

- Landscape Architect, as a member of a multidisciplinary team, in charge of visual impact assesment and landscape integration of hydraulic works.

1982 - 1980

SODEM INC., Multidisciplinary firm in leisure planning
Principal projects:

Parc Honoré-Mercier, Ville de Saint-Léonard

- Project manager for the design and construction of an urban park including, sports facilities, play areas, fountains, amphitheater.

Base de plein-air, Ville de Longueuil

- Planning of a large urban park including, mainly, swimming facilities, demonstration farm and natural center.

Parcs de Quartier, Ville de Saint-Léonard

- Project manager for the planning and construction of six urban parks including, activities programming, public consultations, site plans, construction detaillling and site supervision.

Master Leisure Plan, Ville de Saint-Hubert

- Inventory of the existing facilities, planning of the future development, and design concept of all the city's parks.

1978 - 1980

L'ATELIER PAYSAGE, landscape architecte

Landscape Architect Associate

Project manager and responsible for marketing.

PRINCIPAL PROJECTS:

Cour du Couvent du Bon Pasteur

- Site reclamation for residential use.

PROFESSIONAL EXPERIENCE (cont'd)

Habitation Prince Edouard, Ville de Québec

- In charge, within a large residential development project, of the site plan and the street design, where pedestrians and cars share the same space.

Mobilier Urbain, Ville de Québec

- Street furniture and ornaments inventory in a historic city in order to elaborate guidelines for new projects and construction detailing within existing harmony.

1977 - 1978

GAUTHIER, POULIN, THIERTAULT, ENGINEERS

Landscape architect, as a member of a multidisciplinary team, in leisure and tourism planning, in charge of site planning and design of projects in the Maritimes Provinces.

Corridor de Verdure, Vieux-Port de Québec

- Impact study for the construction of a recreational corridor within the harbor, mitigation measures, and sound barriers.

Fort Beauséjour, Parks Canada

- Site design for the access of the historic site.

Parc Coronation, City of Bathurst

- Site reclamation for recreational use.

Lake Sherbrooke, Min. of Fisheries and Natural Resources

- Site design for a fish breeding center including public access and interpretation.

Fort Ingall, Société Historique de Cabano

- Site design and construction detailing in traditional manner of 2 historic sites.

Pocket Parks, City of Moncton

- Site design and construction detailing.

PROFESSIONAL EXPERIENCE (cont'd)

Recreational Center, Miscou Island

- Site design for a touristic center.

Sanitary land fill, City of Moncton

- Site reclamation for the reconstruction of the river's edge.

Leisure Master Plan, City of Moncton

- Public consultations and open space master plan for recreational activities within the city .

Centennial Park, City of Moncton

- Site design and construction detailing for the municipal park.

NAME GIBEAU, Serge

CIVIL STATUS Married

CITIZENSHIP Canadian

LANGUAGES French, English,

EDUCATION

1980 Real estate science certificat
Montreal Real Estate Board

1971 Masters degree planning
University of Montreal

1968 Baccalaureat Social Sciences
University of Montreal

1966 Baccalaureat ès Arts
University of Montreal

PROFESSIONAL EXPERIENCE

1988 SOPRIN EXPERTS-CONSEILS INC.
Directeur of planning

1979 SERGE GIBEAU, PLANNING CONSULTANT

1971 MINISTRY OF MUNICIPAL AFFAIRS
Consultant

CITY OF POINTE-AUX-TREMBLES
Director planning department

1970 UNIVERSITY OF QUEBEC AT TROIS-RIVIERE
Project manager

INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Project manager

PROFESSIONAL EXPERIENCE (cont'd)

1969

UNIVERSITY OF MONTREAL.
Research assistant

REALISATIONS

UNIVERSITY OF MONTREAL.
Planner

- Student housing study.

UNIVERSITE OF QUEBEC AT TROIS-RIVIERES
Planner

- Student housing study.

MINISTRY OF MUNICIPAL AFFAIRS

- Evaluation of the planning instruments for Mirabel communities.

CITY OF POINTE-AUX-TREMBLES
Director of the planning department

- Responsible of all the planning aspects of development and site planning.

CITY OF BROSSARD

- Preparation of various zoning amenagements, master plan.

CITY OF BOUCHERVILLE

- Historic preservation by-laws and policies, master plan and zoning by law, responsible of the community consultation process for the historic preservation area.

PROFESSIONAL EXPERIENCE cont'd)

CITY OF ST-EUSTACHE

- Zoning by law amendments, special development plan for the historic preservation area, zoning by law, master plan.

REGIONAL MUNICIPALITY OF JOLIETTE

- Regional master development plan.

VARIOUS SMALL RURAL MUNICIPALITIES

- Master plans and zoning by-law.

CURRICULUM VITAE

NAME HAINS, François

DATE OF BIRTH April 1st, 1959

CITIZENSHIP Canadian

LANGUAGES English, French

EDUCATION

1984 - 1986 Urban Planning
McGill University,
Montreal, Quebec, Canada
Graduate studies

1982 Landscape Architecture
University of Montreal,
Quebec, Canada
Undergraduate studies

1978 Pure and Applied Sciences, D.E.C.
(Diplôme d'Etudes collégiales)
André-Grasset College
Montreal, Quebec, Canada

PROFESSIONAL EXPERIENCE

1986 to present **SURBA CONSEIL INC.**
Montreal, Quebec, Canada

President

- Urban planning and landscape architecture for the following projects:

City of Candiac - Impact study

. Studies of the north-west quadrant for the A-15 and A-30 interchangers.

- Allotment # 121 - Residential Development
 - . Development project for plot # 121 (city of Châteauguay).
- Patriotic-150th Anniversary Committee
 - Memorial project for the 150th anniversary of the Patriots - regrouping municipalities of the Richelieu Valley.
- City of Châteauguay
 - Street planning program.
- Jardin Delson
 - Residential development project for the elderly, on lots #135 in the City of Delson.

1982 - 1986

PLANIPLAN ENRG.,
Montreal, Quebec, Canada

President

Landscape Architect for the following projects:

1986

Val St-Denis project

- Elaboration of a pro-forma and an offer of purchase for the military base in St-Adolphe d'Howard.

1986

City of Châteauguay

Mandate

- Planning and management of all green spaces in the city.
- Contract term: 14 weeks.

1985

Visual analysis of Road 307, Hull, Quebec.

- Execution of plans of the Kateri School, Kahnawake, Quebec.

1984

Base de Plein Air l'Étincelle

Mandate:

- Elaboration of a master plan:

- . Participation in the Vieux-Port de Montréal (old Port of Montreal) contest "Fontaines du Vieux-Port de Montréal" (Bonsecours Square).

1984

Pointe-du-Buisson
Melocheville (Archeological site)

Mandate

Execution of plans for Phase III.

1984

DIANE VIAU ET ASSOCIÉS
Beloeil, Quebec, Canada

Execution of all plans concerning the central park in St-Basile-le-Grand.

- . Preliminary plans for bicycling tracks in St-Basile-le-Grand.

Base de plein-air La Cabouse Inc.
St-Donat, Quebec, Canada

Mandate

Elaboration of master plan.

PROFESSIONAL ACTIVITIESTeacher-Landscape planning
Polyvalente Louis-Philippe Paré (High School)
Continuing Education
Châteauguay, Quebec, CanadaTeacher-Landscape planning
(private lessons for contractors and nurserymen)

Teacher-Landscape planning
Société d'Horticulture de St-Bruno
St-Bruno, Quebec, Canada

PROFESSIONAL AFFILIATIONS

Member of the Association des Architectes Paysagistes du Québec. (Quebec Landscape Architects Association).

Appendix 2

LIST OF MAJOR PROJECTS

PROJECT MANAGEMENT

- Terrebonne Municipal Housing Authority
- Edouard Montpetit College
- Aerotechnical Institute, St. Hubert
- Retirement Complex
- Bourg Champêtre
- United Aircraft - Pratt & Whitney

ENERGY CONSERVATION STUDIES

- GHJ Complex, Quebec City
- St-Exupéry School Board - 15 schools
- St.Hyacinthe Court House
- Société immobilière du Québec - 6 centers
- St-Jean School Board - Bienergy - 7 schools
- Boucherville City Hall
- Engineering Product, Boucherville
- Energy-saving proposition, Sherbrooke University Hospital
- Sorel Arena
- Fisheries and Oceans Laboratory, Longueuil
- Metcor Plant

STREET LIGHTING

- Route 132 Promenade, Longueuil
- Green spaces network, Longueuil
- City of Brossard - 62 projects
- City of Beauharnois : 2 projects
- City of St.Constant : 7 projects
- City of St.Catherine : 3 projects
- City of Candiac : 9 projects
- City of La Prairie : 2 projects
- City of St. Jean : 1 project

PUBLIC INFRASTRUCTURE

WASTE WATER TREATMENT

- LAPRAIRIE BASIN

Cities of Laprairie, Candiac, Delson, Saint-Constant
and St. Catherine

- Preparation studies

- Plans and specifications

- Interceptors
- Pumphouses
- Waste water treatment plant

- Work supervision

- Plant start-up

- BROSSARD AND LONGUEUIL BASINS

Cities of Brossard, St.Lambert, Greenfield Park,
Lemoyne, Longueuil, Boucherville

- All plans and specifications for the pumphouse
structure, and the treatment plant .

- CITY OF BEAUHARNOIS

- All plans and specification fo the structure of the
pumphouse, the retention basins and the sprinklers.

- ILE PERROT

- All structural plans and specification for the pumphouse.

PUBLIC INFRASTRUCTURE

EPIC Studies

- CITIES OF RICHELIEU AND CHAMBLY
- Preparation studies
- Plans and specifications
 - Interceptor
 - Pumphouse
 - Emissary
- Work supervision

CITY OF SOREL

- Intermunicipal measurements
- Cities of Malartic and Amos

PUBLIC INFRASTRUCTURE

EPIC Studies

- City of Longueuil
 - Preparation studies
 - Plans and specifications
 - Rehabilitation of Martel and Duvernay Streets
 - Roland Therrien and Lafrance pumphouses
- City of Beauharnois
 - Preparation studies
 - Plans and specification
 - St. Louis, St. Laurent and Industrial interceptors
 - Sauvé and Chutes St. Louis pumphouses
 - Water treatment plant
- CITY OF BROSSARD
 - Preparation studies
 - Plans and specification
 - Marie-Victorin interceptor
 - Marie-Victorin pumphouse
- CITY OF GREENFIELD PARK
 - Preparation studies
 - Rehabilitation

PUBLIC INFRASTRUCTURE

MUNICIPAL

- CITY OF BEAUHARNOIS
 - Downtown facelift
 - Gagnon, Roy and Brière Streets

- CITY OF LONGUEUIL
 - Rebuilding of residential streets: St. Michel, Francis, Le Caron, Bellerive, La Violette, Briggs
 - Shoreline installation
 - Technical studies on the Green Network

- CITY OF SAINTE-CATHERINE
 - Municipal infrastructures
 - St. Laurent Boulevard
 - Housing development: lots 606 and 622; lots 619, 620, 621

- CITY OF BROSSARD
 - Housing development Sector R
 - Plan directeur*
 - Housing development Matte Boulevard
 - Sector R South, phase II housing development

- CITY OF CHATEAUGUAY
 - Moffa housing development
 - Boul. Youville housing development

- CITY OF BERTHIERVILLE
 - Housing development
 - Melchers industrial park

- CITY OF DELSON
 - Housing development

PUBLIC INFRASTRUCTURE

MUNICIPAL

Preparation studies, preparation of plans and specifications and work supervision in the following municipalities:

- CITY OF SAINT-CONSTANT
 - Water supply Ste. Catherine Street, St. Pierre St and St. François Xavier Rd
 - "Roussillon" housing development
 - "Locas" housing developpment
 - Ditch elimination program
 - Domingue development

- CITY OF LAPRAIRIE
 - Sports installations - soccer field
 - Housing developments:
 - La Clairière Phase I
 - La Clairière Phase II
 - La Clairière Phase III
 - La Citière Block 5
 - La Citière Block 5
 - La Magdaleine
 - Place Bellerive
 - Le Bocage

- CITY OF CANDIAC
 - Reinstallation Carrefour Marie-Victorin- St. François
 - Reinstallation St. François and route 132
 - Housing development Barcelone
 - Parc de la Promenade installation
 - Extension of sewer system
 - Street lighting
 - Rivière de la Tortue development
 - Locweld and Forge development

- Village du Golf development, phase I
- Village du Golf development, Phase II

COMMERCIAL BUILDINGS

- Construction and expansion of Cousineau Complex, St. Hubert
- Downtown, City of Radisson , James Bay
- Toys "R" Us, Lasalle and Pointe-Claire
- Waskaganih Shopping Center
- Paul Meunier Shopping Center
- Boucherville Shopping Center
- Paquette Plaza, Mont-Laurier
- Smith Bross Florist
- Ed. Darche Funeral Home, Brossard
- Tiva Confections Inc., St. Hubert
- France-Film
- Du Théâtre Bakery and Pastries, Montreal
- Boul. Laval and Corbusier Shopping Center
- Longueuil Shopping Center

INDUSTRIAL BUILDINGS

- Trans-Canada Sandblasting
- Trans-Continentale Printer Inc.
- Alteration Ralph, Clark, Stone plant
- Relocation Emhart-Bostik
- Shell Canada, computer room
- Hawker Siddely Inc.
- Shell vault, Calgary
- Erco Industries Ltd.
- Shell Canada, control room air conditioning UCC
- Test Cell Chathan, New-Brunswick
- Shell Canada - repairshop
- Expansion F.P. Industries, Brampton
- Stelco Warehouse
- Bécancour Aluminum Plant - Warehouse
- J-85 Fuel; Supply System
- Boucherville warehouse
- Normand Dion Industrial Building
- Engine Test Facility at CFB, Shearwater
- Rosa Ceramics Warehouse, Longueuil

INDUSTRIAL BUILDINGS

- Industrial Park warehouse, St. Jean
- Ore depot, Greenland
- Barbiero warehouse, Laval
- Sabex warehouse and offices
- Piedmont Equipment, Boucherville
- Expansion Rosa warehouse, Longueuil
- Standard specifications for DND - Test Cell
- AFA Forest Products Ltd. - offices and warehouse
- Leroux Steel
- Renovations- Williams and Wilson, Montreal
- Heating system DND, Test Cell Greenwood
- Westroc, power factor
- Westroc, alteration of main conveyor
- Leader plant, Boucherville
- Shell, ventilation control room
- Shell, new light oil workshop
- Fisheries and Oceans Lab., Public Works Canada
- Québec Crane Rental
- Ziebart Enviroguard
- Banc d'essai - aerothermal sector
- Modern Plastics St. Hyacinthe 1972
- Superior silo (Purina), St. Romuald
- Industries Poulenc Ltd.
- Mondor Hosiery
- Poirier Slaughterhouse, Valleyfield
- Fiberglas, Candiac

INDUSTRIAL BUILDINGS

- Food Research Center, St. Hyacinthe
- Québec Grue, Longueuil
- Lab-Volt plant, Pointe-Claire
- Expansion of SEA plant, Varennes
- Expansion and reconstruction Snyder and Bedford plants
- Construction of two refrigerated warehouses - Snyder plant, Bedford
- Daigle Aqua Inc. plant, Longueuil
- Expansion of Mondor plant, Iberville
- Expansion Johns Manville plant, Brossard
- Extension Brault & Martineau plant
- Yvon Boulanger plant, ventilation Kamman 3
- Pratt & Whitney Canada:
 - turbine motor tests
 - Training school
 - Materials control lab
 - Materials placage department
 - 4 test cells - Mississauga, Ontario
- Pratt & Whitney Instrument and clean room
- Pratt & Whitney, General Surface Treatment plant no. 1
- Pratt & Whitney, C.R.A. building
- Pratt & Whitney, and room - Galeries Cousineau
- Construction and extension of Imprimerie Chartier, St. Hyacinthe
- Brault & Martineau Warehouse, Longueuil
- Industrial Park warehouse, Longueuil

PUBLIC BUILDINGS

- Palais des congrès, Montreal
- French pavillon, Expo 67, Montreal
- Tunisian pavillon, Expo 67, Montreal
- Autostade Expo 67, Montreal
- Olympic Stadium, Montreal
- Montreal Olympic Stadium: prefabrication plant -
working plans of prefab elements
- French Consulate, Quebec City
- Three Rivers Airport
- Nemiskau Airport (Hydro Quebec)
- Mont-Joli airport - Electronic maintenance center
- Gaspé airport - Electronic maintenance center
- Baie-Comeau airport - Electronic maintenance center
- St. Jean Airport - Control tower
- St. Hubert airport - Control tower
- 10 T.V. and radio buildings for Radio-Canada
- Renovation of Centaur Theatre, Montreal
- Gilles Villeneuve Museum
- St. Gérard de Magella church, St. Jean
- Nicolet cathedral
- St. Augustine church, St. Bruno
- St. Fabien church, Farnham
- St. Esprit church, Valleyfield
- Trinitarian Fathers chapel, St. Bruno
- Fransiscan church, Rosemont
- St. Dorothée church
- Christ Memorial Lutheran Church, Montreal

MUNICIPAL BUILDINGS

- CITY HALLS

- St. Constant
- Rigaud
- Varennes
- Boucherville
- Paspébiac
- Brossard (renovation)
- St. Hyacinthe (renovation)

- POLICE AND FIRE STATIONS

- Expansion of Brossard police station
- Police and fire station, Candiac
- Fire station, St. Philippe
- Sûreté du Québec station, Tracy
- Police station, Weedon
- Police and fire station, St. Lambert

- LIBRARIES

- Longueuil
- La Prairie
- Plessisville
- St. Lambert
- Malartic
- Brossard (renovations)

MUNICIPAL BUILDINGS

- STADIUMS AND ARENAS

- Verdun Stadium
- Hull Stadium
- Thetford Mines Stadium
- Michel Normandin Arena, Brossard
- Pierrefonds Arena
- St. Hélène Artena, Longueuil
- Gagnon Arena, Verdun
- Olympia Arena, La Prairie
- Sorel Artena
- Brossard Park and Arena
- St. Félicien Arena
- Longueuil Arena

- GARAGES

- Municipal Garage, Longueuil
- Municipal Garage, Candiac
- Municipal Garage, St. Hilaire
- Municipal Garage, Brossard

RESIDENTIAL BUILDINGS

- Women's residence (17 storeys), University of Montreal
- Rosemont Habitations, Montreal
- Lenoir Habitations, St. Henri
- Berri-Lajeunesse Habitations, Montreal
- St. Catherine d'Alexandrie Habitations, Montreal
- Les Hirondelles Montreal
- Ile Paton Habitations, Laval
- Angrignon Habitations, Montreal
- Bourg-Champêtre Habitations, Longueuil
- Village de l'Anse Habitations, Quebec City (750 housing units)
- De l'Eglise Habitations, Montreal
- Hector Vinet Habitations, Montreal
- Manoir St. Lambert Habitations,
- Ignace Bourget Habitations, Montreal
- Cité des Retraités Habitations, Montreal (350 units)
- Prefabricated concrete Habitations, (530 units) for the Société d'habitation du Québec
- Place Pauzé Condominium, Montreal
- 43 housing units in St. Jean
- Le Havre Frontenac Condominium, Montreal
- Bonavista Residence, Montreal
- Eulalie-Perrin Residence, Nazareth Institute
- Sisters of the Immaculate Conception Residence, Montreal
- Guy-Favreau Complex, Montreal (4 residential towers)
- Monaco Residence for older people, Ville St. Laurent

MUNICIPAL BUILDINGS

- OTHER

- Promenades and overpasses, Longueuil
- Marie-Victorin Shopping Center, Brossard
- Park Eco-Museum, Chalet, St. Constant
- St. Michel Cultural Center, St. Lambert
- Expansion Verdun Auditorium
- Auditorium and gymnasium, St. Lambert
- Municipal workshops, Brossard
- Technical building, City of Longueuil
- Service building, Brossard
- Baseball park, Contrecoeur
- Raymond Park, Longueuil

RESIDENTIAL BUILDINGS

- Provincial headquarters of the Fathers of the Saint Cross, Montreal,
- Les ateliers protégés, Brossard
- CMH St. Hubert (30 units)
- CMH St. Hubert (20 units)
- St. Victoire de Sorel (11 units)
- Disney Habitations
- St. Alexander St, Condo, Longueuil
- Tournesol Project, Longueuil
- St. Jacques Gardens, phase I (44 units)
- St. Jacques, phase II (44 units)
- Taillon Habitations, Lemoyne (24 units)
- Blle Etoile Habitations (32 units)
- Dulu & Jayon Enterprises (7 units)
- Ledoux Residence (42 units)
- L'Estuaire Condo, Longueuil (94 condos - 12-storey tower)
- Les Terrasses du Lac, Brossard (268 condos - 11-storey tower)
- Favard Habitations, (150 units)
- Maisonneuve Project (120 units)
- Château de Laval, phase I (200 units)
- Provencher Devbelopment, Broissard (66 units)
- Calixa Lavallée housing complex (32 units)
- 28 housing units in Brossard

RESIDENTIAL BUILDINGS

- Château de Laval, phase II (200 units)
- Manoir St. Lambert (110 units)
- 40 housing units in Ville Lasalle
- Simpson Place (132 units)
- Emerillon Residence (119 units)
- Franc Quartier, Ville d'Anjou (39 units)
- Longueuil (17 units)
- Quickspan, Longueuil (100 units)
- SHQ Bedford
- SHQ Lennoxville
- SHQ East Angus

SPORTS BUILDINGS

- Revicentre Beauyharnois
- PT and Recreation Building, St. Jean
- Gymnasium, Sisters of St. Ann
- Disco-Roule, Verdun
- Tennis Sani-Sport, Brossard and St. Bruno
- Sacred Heart Camp, Cowansville
- Physi-Centre, Galeries Cousineau
- Swimming pool, St. Hilaire
- Centre sprotif de l'acier, Contrecoeur

RESTAURANTS AND HOTELS

- Construction and expansion of Sheraton Hotel, Laval
- Centre des Congrès and parking, Sheraton Hotel, Laval
- Expansion Le Chantecler Apartment-Hotel, St. Adèle
- Swenson Restaurant, Brossard
- Les Ramparts Restaurant, Old Montreal
- Renovation, Au Vieux Fort Restaurant
- Pizza Villa Restaurant
- McDonald Restaurant - 32 branches

SCHOOLS

- Léon Guilbault School, Laval-des-Rapides
- Jacques Chambly School, Fort Chambly
- Immaculate Conception School, St. Hubert
- Samuel-de-Champlain School, Brossard
- Jacques Barclay School, St. Mathieu
- Baril School, ,Montreal
- Victor Doré School, Montreal
- Antoine Brossard School, Brossard
- Tournesol School, Longueuil
- Hubert Perron School, Longueuil
- St. Claire School, Brossard
- St. Julie School, St. Julie-de-Verchères
- Laurent Benoît School, St. Hubert
- St. Vincent School, St. Césaire
- Expansion St. Michel School, Brossard
- Expansion Guillaume Vignal School, Brossard
- Bon Pasteur School, Brossard
- Expansion Jacques Leber School, St. Constant
- Arc-en Ciel School, St. Julie de Verchères
- Joseph Charbonneau School, Montreal - C.E.C.M.
- Pierre Brosseau School, Brossard
- Expansion Piché-Dufrost School, St. Constant
- Expansion Louis-Lafortune School, Delson
- Aux Mille Fleurs School, St. Hubert
- Le Tournesol School, Beloeil

EDUCATIONAL BUILDINGS

- St. Raymond School, La Prairie
- Parc Michel Elementary School, Argile Bleue School Board
- Douville School
- Henri-Bachand School, St. Liboire
- Daigneau School, Napierville
- St. Jude School, Greenfield Park
- St. François School, St. Amable
- St. Lambert Boarding School
- Customer Training Center - Pratt & Whitney
- Renovation St. Jeanne D"Arc School,
- Bienergy - 6 schools, St. Jean School Board
- Renovation Marchand School, St. Jean School Board
- Intercommunication - 6 schools, Napierville
- Renovation Gérard School, St. Jean
- Computer Room, Lignery School Board
- Expansion Veterinary Medicine Faculty, St. Hyacinthe University of Montreal
- Disabled Persons Center, Brossard
- Sub-contract on St. François School, St. Amable

EDUCATIONAL BUILDINGS

- Les Marguerites School, Varennes
- Jean Leman School, Candiac
- Expansion Les Moussaillons School, Côte St.Catherine
- Renovation and expansion CEGEP de Valleyfield
- Le Jardin Bienville School, St. Hubert
- Expansion Ludger-Duvernay School, Verchères
- Les Bourlingueurs School, St. Philippe
- Secteur Sabrevois School, Boucherville
- Expansion St. François Xavier School, La Prairie
- Expansion Vinet-Souligny School, La Prairie
- Emile Nelligan Elementary School, Kirkland
- Expansion Châteauguay School, St. Hubert
- Expansion St. Joseph School, St. Chrysostôme
- Expansion St. Jude School, Châteauguay
- Expansion St. Joseph School, Mercier
- La Perdriolle School, Ile Perrot
- Expansion St. Clothilde School, St. Clothilde
- Expansion Notre-Dame-de-la-Garde School, Ile Perrot
- Aux Quatre Vents School, St. Luc
- Expansion Napoléon-Bourassa School, L'Acadie
- Expansion St. Jean School, Howick
- Expansion Alberte Melançon School, St. Paul de l'Ile-aux-Noix
- St. Raphael Elementary School, Ile Bizard
- St. Anne College Annex, Lachine

HEALTH SERVICES

- Expansion Charles-Lemoyne Hospital, Greenfield Park
- Jean-Michel H, Longueuil
- Expansion St. Michel Hospital, Montreal
- Château H, Pierrefonds
- Renovation St. Lambert HOSPITAL
- St. Lambert Solarium HOSPITAL
- Expansion Computer Room, Pierre-Boucher Hospital
- Implantation Nuclear Medicine Facilities
Pierre-Boucher Hospital
- X-Ray Room, Pierre-Boucher Hospital
- Regina Hospital Center, St. Hubert
- 128-bed expansion, Lachine H Center
- Le Renfort Center, St. Jean
- Medical Center, Candiac
- Medical Clinic, Valleyfield
- Medical Clinic, Louiseville
- Medical Clinic, Laval West
- Medical Clinic, Iberville
- Medical Clinic, Boucherville
- Medical Clinic, Duvernay
- Pelly Bay Nursing, North-West Territories
- Lamater CLSC, Terrebonne
- CLSC, Longueuil
- Le Samaritech CLSC

HEALTH SERVICES

- Des Seigneuries CLSC, Varennes
- Longueuil-East CLSC
- Expansion CLSC Galeries Cousineau
- Expansion St. Eustache Polyclinic
- Medical Center, Rigaud
- Medical Center, Candiac
- Dental Center, Boucherville

NURSING HOMES

- Champlain Nursing Home, Brossard
- Idola St. Jean Nursing Home
- Dante Nursing Home
- Oaul Lizotte Nursing Home
- Fatima Nursing Home, Longueuil-East
- St. Hubert Nursing Home,
- Anne Leseigneur Nursing Home - phases I, II, III & IV
- Mgr Coderre Nursing Home
- Bedford Nursing Home - phase I
- Henriette Céré Nursing Home
- Résidence des gens heureux, St. Hyacinthe
- Résidence Chez Nous, Longueuil
- Les ateliers Richelieu
- Résidence Val-Bonheur
- Carrefour pour Elle, Longueuil
- Villa des Frênes, St. Hyacinthe
- Maison des Jeunes., Longueuil
- Expansion Centre Mgr Forget, Longueuil

OFFICE BUILDINGS

- Brijac Head Office
- Commercial Building, St. Jean
- R.F.P. Building, Longueuil
- Office de la construction du Québec
- Administrative building - Sico
- Cammasano Bldg, Longueuil
- Revenue Canada Offices, Galeries Cousineau
- Office buildings, Galeries Cousineau
- Dupal Head Office
- Patry, Laporte & Ass. office bldg, Longueuil
- B.S.T. building, Ile-des-Soeurs
- Office building, Rouyn
- Office building, St. Jean
- Office building, Longueuil - Ziebart
- American Inn Offices
- Administrative centre, Lignery School Board

PUMPING STATIONS, FILTRATION PLANTS, WATER TREATMENT PLANTS

- Pumping station, Granby
- Pumping station, Boucherville
- Pumping station, St. Isidore
- Pumping station, St. Amable
- Pumping station, St. Constant
- Pumping station, Delson
- Pumping station, La Mennais
- Pumping station, Malartic
- Des Rapides pumping station, Melocheville
- Des Vestiges pumping station, Melocheville
- Marie-Victorin pumping station, Brossard
- Lafrance pumping station, Longueuil
- Roland-Therrien pumping station, Longueuil
- AVMSL pumping station, Longueuil
- Mézy Pumping station, Boucherville
- De Varennes Pumping station, Boucherville
- Jodoin & Viau Pumping station, , Boucherville
- Candiac filtration plant, Candiac : construction and 2 expansions
- Beauharnois filtration plant
- Lachine filtration palnt - expansion
- American Iron & Metal sub-station and pumping station

PUMPING STATIONS, FILTRATION PLANTS, WATER TREATMENT PLANTS

- Sico sub-station
- Superpressure station, Candiac
- Superpressure station, St. Constant
- Superpressure station, Melocheville
- Acqueduct, St. Constant
- Drinking water reservoir and fire protection reservoir, Candiac
- Water treatment, La Prairie
- Water treatment, Grenada
- Replacement of untreated water pump. Candiac
- Instrument chamber, Candiac

BRIDGES, OVERPASSES

- Ile-aux-Tourtes bridge (2 000 m)
- Champlain Bridge - Section III, Montreal
- Bridge over Montreal-Laurentian Highway)
- 4 bridges on Highway 30
- Pierre Caisse Overpass, St. Jean
- 4 overpasses on Trans-Canada Highway
- Overpass on Highway 104
- Acadie Overpass
- Pelletier Blvd Overpass, Brossard
- 2 subway stations in Montreal: Mont-Royal and Langelier
- 4 overpasses on Highway 113
- De Martigny St. Bridge, St. Jerome (Laurentian Highway)
- St. Charles overpass, Longueuil

PARKING STRUCTURES

- Louis-Colin Garage, University of Montreal
- St. Hubert Base Garage
- Garage and offices for Antirouille Sud
- Lemire Auto Garage
- Fortier Auto Garage
- St. Germain Garage
- Poney Garage
- Deschamps Pontiac-Buick, St. Julie
- Bus garage for CTRSM
- Ziebart Garage, Longueuil
- Municipal Garage, Longueuil
- Municipal Garage, Candiac
- Municipal Garage, St. Hilaire
- Municipal Garage, Brossard
- Sears St. Laurent Parking Garage, Ottawa
- Ottawa General Hospital Praking Garage, Ottawa
- Radisson Hotel Parking Garage, Burlington (Vermont)
- Multi-level Parking Garage at Centre des Congrès
Sheraton, Laval

BANKS

- Bank of Montreal, St. Laurent & Jean-Talon, Montreal
- Royal Bank, Candiac
- 4 Banques Nationales du Canada in Quebec

-- SAVINGS BANKS

- City of Laval
- Montreal
- City and District, Bourbonnière & Dandurand
- Salaberry
- Granby branch
- Boul. Taschereau
- Côte St. Luc
- Dorval Branch
- Cavendish
- Boul. St. Martin, Laval
- Boul. Notre-Dame, Chomedey
- Jeanne-Mance, Montreal
- Langelier

BANKS

- AUTOMATIC TELLERS

- St. Camille
- Rivière-des-Prairies
- Laflèche, St. Hubert
- Ste. Louise de Marillac, Montreal
- Fabreville
- St. Hubert
- St. Jacques

BANKS

- AUTOMATIC TELLERS

- Repentigny
- Ste. Thérèse-de-Blainville
- Valleyfield Center
- Notre-Dame du Très St. Sacrement
- Maricourt Counter, St. Hubert
- Boucherville
- Marie-Reine des Coeurs
- Vimont, Laval
- Ville Emard, Monk Blvd.
- Dorion
- Lachine
- Chambly
- Terrebonne
- Des Sources, Dollard-des-Ormeaux
- La Prairie
- Ste. Agathe des Monts
- Lavalloise, Laval
- St. Jean Vianney, Montreal
- Pontmain, Laval-des-Rapides
- Cartierville, Montreal
- Côte-des-Neiges
- Ste. Cécile de Salaberry, Valleyfield
- St. Lambert

BANKS

- CAISSES POPULAIRES

- Côte-des Neiges, Montreal
- Caisse d'économie Aero
- St. Francois
- St. Ferdinand
- St. Sylvain, Laval
- St. Marc
- Longueuil Metro
- Rawdon
- Lanoraie
- St. Bruno-de-Montarville
- St. Pierre Apôtre, Longueuil
- St. Raymond
- St. Lambert
- Dorval
- Pierrefonds

- AUTOMATIC TELLERS

- St. Jean
- Charles-Lemoyne
- St. Jerome
- Ste. Cécile-de-Montréal
- St. Eustache