












From: colleensimpson@nalcorenergy.com
Sent: Friday, February 11, 2011 3:56 PM
To: ronpower@nalcorenergy.com
Subject: Area Mgr-Muskkrat Falls Dams and Spillways
Attachments: [REDACTED] (AE) MF Dams & Spillway.doc; [REDACTED] (Air Energi) Area Mgr MF Dams & Spillway.doc; [REDACTED] (GSA) Area Mgr Dams & Spillways.pdf; [REDACTED] (GSA) Area Mgr Dams & Spillways.pdf; [REDACTED] - (AE) CV.doc -Area Mgr Dams & Spillways.doc; [REDACTED] (AE) Area Mgr-Dams & Spillways.doc; [REDACTED] (GSA) A Mgr Dams & Spillways.pdf; [REDACTED] (GSA Noramtec) AMgr Dams & Spillways AND GCM.pdf; SCOTT O'BRIEN (SO) MF Dams & Spillways.pdf; [REDACTED] - Job Summary - Dams Spillway (2).doc

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 <p>nalcor energy LOWER CHURCHILL PROJECT</p>	<p>Colleen Simpson Contract Coordinator Nalcor Energy - Lower Churchill Project t. (709) 737-1839 f. (709) 737-1985 e. ColleenSimpson@nalcorenergy.com w. nalcorenergy.com 1.888.576.5454</p>
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Requirement Details:

Position:	Area Manager Muskrat Falls Dams & Spillway Scope
Requirement Reference:	
Requested by:	[REDACTED]

Candidate Details:

Proposed Candidate:	[REDACTED]
Point of Origin:	Maryland, USA
Availability:	Immediate
References:	Available upon request

Name:**Discipline:****Civil Construction/Project Manager****Summary:**

Over twenty seven (27) years extensive experience on heavy construction projects in the Middle East, Asia, Africa and USA.

Education:

University of Maryland, College Park, Maryland
Construction Management, 1996

University of Engineering & Technology, Lahore
B.S. Civil Engineering, 1982

Parsons University, Pasadena, California
Safety Program on line, 2005

Professional Affiliations:**Languages:**

English, Arabic, Hindi, Urdu, Punjabi

Experience:

Jun 2007 – Till Date

Khan Associates LLC, Maryland, USA

Managing Director

Providing operational leadership, through execution of the company's strategic plan. Managing all hands-on operational aspects of business development. Ensuring best practice across all business functions, including Operations and Technical, Financial, Investment, Human Resources, Administration, IT, and Business Development. Ensuring achievement of growth, profitability, efficiency and development targets. Analyzing company operations and functional performance to identify opportunities for improvement. Overseeing planning and implementation of operating budgets. Optimizing revenue through careful planning, budget management and cost control. Balancing competing priorities/requirements of different business functions and projects, facilitating resolution of issues. Managing external relationships, including dispute resolution. Managing and developing direct reports. Motivating and leading a high performance team by attracting, recruiting, and retaining required team members, consistent with company values. Identifying, negotiating and managing out sourcing, international teaming partners for mega projects. Acting as lead "client-care officer" through direct contact with every client and partner. Foster a success-oriented, accountable environment within the company. Represent the firm with clients, and business partners.

Kirkuk Master Planning in Iraq (\$5 Million)

Providing investigation and study program services including security for the preparation of Master Planning of Kirkuk City and Urban area. Developing master planning documents, coordinating with local, Iraqi and US Government Agencies including local community and tribal leaders. Participated in proposal preparation and oral presentation to win the project.

Iraqi Expeditionary Re-construction Program (\$100 Million)

Providing Construction Management, Quality Assurance, Construction monitoring and Inventory services for the construction of US and Iraqi Military Bases Iraq wide. This is very high profile, fast track project in very hostile areas of Iraq. Prepared proposal to win the project. Structured and organized team of 35 Iraqi engineers and 3 US expat engineers. Prepared work plan and implementing with quality. Managing budget, safety, security, finances, assets, and resources.

Jan 2008 – Till Date

Khan Associates LLC / Starry B Nigeria Limited, Maryland, USA

Managing Director

Onshore - Qua Iboe Oil Terminal Perimeter Lighting Installation Works Project in Nigeria

Managing construction and installation of electrical works at Qua Iboe Oil Terminal. DeltaAfrik (Worley Parsons) is management contractor.

Onshore – Eket MGH-MHE Electrical Installation Works Project in Nigeria

Managing proposal and pre-award clarifications for the electrical installation works project at Qua Iboe Oil Terminal. DeltaAfrik (Worley Parsons) is management contractor.

Offshore Oil Platform (OSO, ASABO and USARI) Project in Nigeria

Managing proposal and pre-award clarifications for the OSO, ASABO and USARI Structural, Electrical and Instrumentation Installation Work in regards to the Offshore Security Upgrade Project. DeltaAfrik (Worley Parsons) is management contractor.

Offshore Oil Platform (OSO Test Bed) Project in Nigeria

Managed construction of electrical works at OSO Test Bed offshore oil platform. Completed and handed over the project to the Client through DeltaAfrik with zero time loss.

Qua Iboe Oil Terminal Infrastructure Project in Nigeria

Managed proposal for the Design/Build Infrastructure project including Package Sewage and Potable Water Treatment Plants, Lift Stations, Pump Stations and Related Network Systems for the QIT Facility in Nigeria.

Dec 2007 – Till Date

Khan Associates LLC, Maryland, USA

Managing Director

Real Estate Development and Infrastructure Project in Pakistan

Providing Master Planning and Architectural services for 3000 acres costal land development project that includes commercial and housing.

2006 – 2007

Portage Environmental Inc., San Antonio, Texas, USA**Program Manager***Iraqi Border Forts Re-construction Program (\$71 Million)*

Developed 258 Border Forts Repair Program (\$71 million) Iraq wide. Border Forts are located along Iraq / Syria, Saudi Arabia, Iran, and Turkey borders. Program was developed for MNSTC-I and AFCEE was contracting agency. Managed and prepared assessment for ArAr Border Point of Entry. Managed and prepared study report for Border Road along Al-Anbar Province, Iraqi / Syrian Border.

Iraqi Police Stations Re-construction Program (\$270 Million)

Responsible for program management for Portage in Iraq. Developed system, managed and executed to arrange and utilize resources. Responsible for budget, finance, payroll, administration, property management, procurement, staffing, access security badges, escort, site visits, and total quality. Managed site visits and prepared reports with recommendations to improve the quality of construction, to resolve construction issues and issues with Iraqi Authorities all over the country. Managed Data and Ministry of Interior Tracker for 696 Iraqi Police Stations (\$270 million). Prepared funding and cost reports. Responsible for project management and construction management of 138 Iraqi Police Stations (Local Police Stations, Highway Patrol Police Stations, District and Provincial Police Headquarters) (\$56 million) in the northern military region (MND-N) of Iraq as Project Manager of MNSTC-I / MOI / J7. Resolved construction issues, and issues with Iraqi Authorities. Visited many sites in very dangerous and hostile areas country wide. Coordinated and communicated with US Army, US Air Force, US Navy, US Marine, Coalition Forces and Iraqi Police, Iraqi Ministry of Interior and Kurdistan Regional Government.

2005 – 2006

Parsons Corporation, Pasadena, California, USA**Construction Manager***Rural Water Supply Implementation Project (\$73 Million)*

Responsible for site assessment and site survey, assisting USAID / Bechtel & Iraqi Ministry of Municipalities and Public Works in site selection, land acquisition, UXO clearance, construction of potable water supply system, well drilling, well development & testing for ground water, construction of river intake system for surface water, construction of conventional water treatment plants of various sizes and remote storage tanks, implementation of community hygiene training program in partnership with local NGO, coordination with USAID, Bechtel (prime contractor), US Army Corp of Engineers, Iraqi Ministry, local governorates, and village councils. Managed cost, schedule, quality control/ quality assurance, safety and security. Prepared daily and weekly reports. Managed Iraqi sub-contractors. Responsible for organizing, training, managing, supervising and leading Iraqi engineers, and administrative staff. This project will provide potable water to rural areas throughout Iraq with population up to 5000. Facilities consist of various combinations of treatment systems, depending on the raw water supply source and quality. The

project includes training of operation and Maintenance staff of Ministry of Public Works.

2004 - 2005

Parsons Corporation, Pasadena, California, USA

Project Manager

Design Build IDIQ Security and Justice Projects (\$800 Million)

Responsible for site assessment, client coordination, ROM and Proposal preparation, Bid documents preparation, Bid evaluation, Task Order execution, cost and schedule control, oversee design and construction, weekly reports. Responsible for organizing, managing, supervising and leading expatriate managers/engineers, Iraqi engineers and administrative staff. Hired and trained Iraqi engineers and other staff. Coordinated with coalition forces and Iraqi authorities. Managed Iraqi sub-contractors.

The projects include new construction of road, security fence, guard towers and guard houses, personnel and vehicle inspection areas at Tadj Air Base in Baghdad, counter terrorism training facility (Camp Dublin) in Baghdad, new construction and rehabilitation of police headquarters, court houses, fire stations, border denial and entry points all over the country.

2001 - 2004

Saudi Arabian Parsons Limited, Pasadena, California, USA

Resident Construction Engineer

Schools, Recreation Beach Facilities, Beach improvements and Mosques construction Projects

Responsible for the construction management of five schools, Beach Facilities and Land improvement, three Mosques construction projects.

Reverse Osmosis Desalination Plant (RO-1) Construction Project (\$ 60 Million)

Responsible for the construction management of 2100 cubic meter per hour Reverse Osmosis (RO) Desalination Plant construction project (EPC contract). Project consists of six 350 cubic meter per hour trains including pre-treatment equipment, high pressure pumps with energy recovery turbines, RO modules, skid mounted RO membrane test unit, post treatment equipment, chemical storage and feed systems, and distributed control system (DCS) based instrumentation, control and communication systems. Full seawater cooling system hydraulic analysis. Extensions of seawater supply line, backwash basin, drainage basin, permeate basin and other basins. Construction of control/operation/maintenance building, RO building, chemical building, and electrical equipment building. Site development works including access road, street lights, site grading, storm water drainage channels and culverts, underground utilities; potable water, sanitary sewer and industrial waste water systems, landscaping, etc.

Steam Power Plant Unit No. 4 (STG-4) Construction Project (\$ 106 Million)

Responsible for construction management for the construction of 130 MW-Steam Power Plant. Enel-Power-Ansaldo Consortium, Italy is prime Contractor for EPC Contract. Project includes heavy concrete foundations/structure and up to 43 meter (129 feet) high steel structures, Civil and Architectural works, up to 1.5 meter dia fiber glass seawater lines under and above ground, underground concrete tunnel for seawater FRP pipes, Two storey Maintenance Building, roads, Cathodic Protection system as corrosion control. Construction of Boiler, Turbine Generator, Precipitator, Absorber, Fuel Oil Day Tank, underground utilities, basin, access road, concrete pavements, landscaping, etc.

Seawater Pumps Upgrade Project (\$ 15 Million)

Responsible for Construction management for the EPC Contract of Seawater Pumps Upgrade Construction Project. Project consists of supply and installation of two (2) each 60,000 m³/h vertical centrifugal type water pumps, four traveling water screens, two hypochlorite generators, two screen wash pumps, foundations, slab, vortex walls, etc.

2000 - 2001

AECOM / DMJM – Los Angeles, California, USA

Resident Construction Manager

Light Rail Transit System Stage 2 – Overbrook Line (\$56 Million)

Responsible for construction management for the construction of all civil, structural, bridges, track work, landscaping and architectural elements for Stage 2 Light Rail Transit System guide way and stations for the Overbrook Section.

1999 - 2000

AECOM / DMJM - Los Angeles, California, USA

Resident Manager

Peace Sun IX – Projects

Responsible for technical support, design and construction management for the construction of US Air Force - Peace Sun projects to bed down F-15 aircrafts at King Fahd Air Base in Taif, Saudi Arabia. Also responsible for budget, cash flow, project expenses, general operations, coordination, supervision of engineering and construction staff. Projects include New Arresting Barrier System, Hangers Renovation, Wash rack, Supply Building, Parking, Office Buildings, Corrosion Control Facility, Shelters modification, Avionics Building, Power check pad and Facility, Guard House, Ammunition Building, Missile Facility, Storage Building, etc.

1997 - 1999

Saudi Arabian Parsons Limited, Pasadena, California, USA

Resident Construction Engineer

PTA/Aromatics ~ RC Infrastructure & Facilities Projects.

Responsible for on-site monitoring of construction, inspections, testing, commissioning work, reviewing and processing submittals and as-built design/shop drawings, quality assurance, construction

management, preparation of progress reports, interpretation of contract drawings and specifications, conflict resolution in daily construction activities, and coordination with the concerned Royal Commission Departments, Client, Construction managers, and Contractor. The construction projects include the construction of a New Substation (4-D), new underground pipeline networks 24 kilometer (approx. 15 miles) long i.e. seawater supply and return, potable water, process and reclaimed water fiber glass pipes up to 1.7 meter dia., Culverts, Roads, Street Lights, Construction of 56 MW Gas Power Plant Unit No. 9 (GTG-9), Heat Recovery Steam Generator Unit No. 5 (HRSG-5) and installation of the 115 kV electrical (underground cable 8 kilometer (5 miles) long) power systems for the Ibn Rushd PTA & Aromatics Plants. Also, construction of two new Maintenance Buildings for Desalination Units and Power Plant, Switch gear building modification.

Luberef Housing Infrastructure Project

Responsible for construction management of complete infrastructure for LUBEREF Housing Project (136 houses) i.e. Roads and parking including sun shades & pergolas, landscaping, storm drainage system, sanitary sewer system, fire protection and potable water distribution system, irrigation water system and landscaping, street and area lighting system, low and high voltage distribution system, cable TV and telephone network.

1993 - 1997

Parsons Corporation, Pasadena, California, USA

Construction Engineer, Civil / Structural

New International Terminal Project (\$80 Million)

Responsible for inspections, quality assurance, safety for International Terminal Building Project which included a 360,000 square foot building with six loading gates, front terminal with ticket counters and baggage belts, Federal Inspection Station (FIS) facility, U.S. Customs facility, light rail station and other items.

Concourse "C" Extension & Renovation Project (\$24 Million)

Responsible for construction management for the whole project, i.e., inspection, quality assurance, safety, change orders, extra work orders, coordination. Prepared project history in the form of daily reports, photographs and video. Project consists of new construction of concourse "C" terminal building, modifications, aprons (concrete pavements), asphalt pavement, renovation of loading bridges, new six loading bridges (tunnels), installation, civil work, site utilities, pile foundations (caissons), structural steel erection, concrete slabs, masonry work, glazing, curtain walls, roofing, ceiling, painting, wood work, finishing and architectural work, replacement of structural members, moving clients, etc., without affecting aircraft and passenger traffic. This was a fast track project and the first phase (the six-gate extension) was required to allow the existing pier to remain operational and work was done at night.

Airport Rescue and Fire Fighting Facility (ARFF) Project (\$9 Million)

Responsible for construction management for the whole project, i.e., construction, inspections, quality assurance, safety, change orders, extra work orders, daily reports, coordination. The state of the art building project consists of grubbing and cutting trees, earth work, removal of 10 human graves during excavation, reinforced concrete foundations, structural steel erection, masonry work, roofing, ceiling, all interior finishes, skylights, drywall, furniture, site utilities, storm drainage, underground tanks, concrete slabs, concrete aprons, asphalt access roads, landscaping, sediment and erosion control, traffic signs, markings, security fence, jack and bore operations under active runway and taxiway for water and sanitary lines without interrupting aircraft traffic.

Upper Level Roadway (Bridge) Rehabilitation Project

Inspected the replacement of bridge joint system, scuppers and drainage system. Also maintained the public traffic flow at arrival and departure level.

Light Rail Project

Inspected installation of ballast, sub ballast, concrete and sodden ties, concrete pavers, rail of the light rail systems approaching the airport, including station.

Underground Pedestrian Tunnel Project

Inspected renovation of underground pedestrian tunnel, i.e., erection of structural steel supports for water pipes HVAC system, ceiling, walls, floor finishes.

De-icing Facility Project

Inspected construction of De-Icing facility including underground tank for glycol.

Parking Facilities Projects

Monitored and inspected construction of Parking Facilities including toll booths, bus stops, fence, etc.

1992 – 1993

Construction Control Services Corporation

Vice President/Business Development Manager

Responsible for development of new business and international marketing in project management, construction management for all of the CCSC's international activities in Canadian Government, USAID, World Bank, US Army Corp of Engineers overseas logistics. Responsible for management and development of Statement of Qualifications, Proposals, presentations, and other sales materials, completion of Government forms/Qualification Statements (SF 254's and 255's), development and supervision of personnel resources policy, and staffing.

1991 – 1992

American International

Project Manager

Managed construction of residential housing project. Responsible for estimating, procurement, contracts, scheduling, engineering design, change orders and site inspections of all trades.

1989 – 1991

Blount Construction Inc.

Resident Engineer

Responsible for overall construction management, inspections, change orders, extra work orders, quality control, scheduling, safety, submittal, pay estimate, document control system, coordination with U.S. Army Corps of Engineers, Air Force, Navy, A/E, contractors. Managed construction of the whole project, i.e., earth work, buildings, hangers, concrete aprons, taxiway, part of runway, underground utilities, storm drainage system, etc.

1988 – 1989

Blount Construction Inc.

Resident Engineer

Responsible for overall construction management and coordination for the construction of State prisons which consisted of earth work, site utilities, storm drainage, structural steel buildings with masonry work, roofing, ceilings, civil work, roads, all interior finishing work, landscaping, parking lots, security fence, etc.

1987 – 1988

Hotel St. Regis, Detroit, Michigan, USA

Chief Engineer / Department Head

Responsible for new construction, budget, approvals, decision making, scheduling, estimating, procurement as an owner's representative. Managed construction of 6-storey structural steel hotel building with all finishing work. Responsible for coordination. Also managed maintenance operations, staff, vendors, contracts, purchasing, building permits of the existing operating hotel. Prepared annual budget. Worked as Manger-On-Duty.

1985 – 1987

B-Soyak Joint venture, Saudi Arabia

Site Manager

Managed and supervised construction of reinforced concrete and pre-cast building, site utilities, civil work, earth work, electrical, mechanical and architectural work, irrigation system, storm drainage, landscaping, roads and parking. Responsible for estimation, scheduling, planning, coordination, finishing work, submittal, change orders, cost control, quality control, production, and procurement. Managed steel yard and concrete batching plant at the job site. Responsible for coordination with Ministry of Housing. Project consisted of 2600 reinforced concrete housing units with precast elements, encompassing 10 square miles.

1983 – 1985

Military Engineer Service, Pakistan

Executive Engineer

Managed and supervised F-16 Aircraft Support Facility Project as an owner. This project consisted of new construction of building, hangers, aprons, taxiway, runway, civil work, site work, etc. Also responsible for design review, directives, pay estimates, scheduling, procurement, estimating, change orders, extra work orders, claims, etc. Supervised supporting staff, managed military furniture yard, steel and cement store. Supervised construction, maintenance, and renovation of all air force base facilities and residential properties. Managed field inspections. Administrative duties included: President of the court of Inquiry, Staff Officer 1. Inspected other Air Force bases as a Deputy Commander.

Air Resources Canada Limited
12, Suite 501, 34 Harvey Road,
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Air Energi is a trading style of Air Resources Canada Limited



Requirement Details:

Position:	
Requirement Reference:	
Requested by:	

Candidate Details:

Proposed Candidate:	
Point of Origin:	
Availability:	
Rate Expectation:	
References:	
Candidate Notes:	

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**Name:****Discipline:****Project Controls Manager****Summary:**

20 years Construction Management and Cost and Scheduling experience in large civil and petrochemical projects including :-
 Bridges
 Roads
 Petrochemical
 Power plants
 River Dikes
 Dewatering
 Compaction Grouting
 Permeation Grouting
 Piling
 Drilling Rigs
 Sea Wall and Breakwater Repairs
 Artificial Surf Reefs
 Piping

Qualifications:

MCIQB – Strathclyde University, Glasgow, UK.
 Canadian Securities License {Stockbroker Exam}
 On list of approved U.S. Army Engineering Consultants\Military Contractors (Nuclear)
 Registered for VAT in UK, GST in Canada, and with US Internal Revenue Service

Professional Affiliations:**Languages:****Skills/Computer Skills:****Experience:**

2004 – Till Date

Intrusion Prepakt Ltd**Construction Manager**

Estimation
 Cost Planning
 Contracts Management
 Quantity Surveying
 Project Management

Current Projects

Costain UK.:- Working on a project design and method to block a flooded mine audit in Brighton UK. Brighton wants to use the mine as a water supply for the city but contaminants are flowing along the mine audit. A drilling and grouting procedure from the surface 40M above is proposed

Frontie-Kemper :- Seymour Capilano Tunnels North Vancouver, Supply and design of 170 NO,12ft dia. tunnel seals for 7 mile twin tunnels

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China- Harbour Ensenada, Costain Mexico :- Supplying Fabriform Grout Bags for breakwater anchor units at Ensenada in Mexico.
 Mactaquac Dam New Brunswick :- Supply of dam seals.

Recent projects

Commercial Manager for Siemens Energy on a power station project near Washington DC.

Agreed contract deviations. Extra Work orders, and updated Project Budgets on a Consortium Contract with Aker Kvaerner and Foster Wheeler. Siemens was the senior partner providing the power station turbine and supervising and agreeing payment to the other partners on behalf of the client.(Intrusion Prepaht Client)

High school 100 Mile House, Lifted gymnasium building and attached toilet block and replaced flood damaged foundations under BC seismic program.

Zeballas, British Columbia

Running Drilling and grouting crews and providing specs for grouting a new hydro dam. This called for blocking a underground river running 80ft beneath a 2000 year old rock fall.

Bideford Longbridge, 28 arch, 14th century bridge. Devon, UK.

Scour protection of foundations, supplied 5000 square m of 20" concrete mat. Trained UK divers and engineers on Fabriform installation in Miami. Florida,

City or Mission and Maple Ridge, British Columbia

Fraser River dike repairs at Mission Pump Station and permeation grouting beneath; Maple

Ridge pump station, to strengthen dikes,

Provided design specs for artificial surfing reef for A.S.R. New Zealand. This was for proposed reef near Queenstown New Zealand. Also worked with ASR on proposed reefs at Newquay, and Poole in England and at Borth in Wales.

1990 – 2004

Supreme Paving Limited Vancouver, British Columbia,

Contract Manager Estimation, Sales

Negotiation of contracts and supervised sub-contractors involved in the construction of roads and sewer work. Still do the occasional take off and estimate for this company.

1988 - 1990

Optimum Resource Utilization Group (Reliance Group of Companies)

Management Consultant, Cost and Planning

Clients included

Cities Service Oil Co. Lake Charles, Louisiana, refinery expansion projects

Arco, Prudhoe Bay oil collection and processing facility.

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Aramco Dhahran, Saudi Arabia Pipeline Collection Facility.
 Syncrude, Edmonton Alberta, Debottlenecking project, tar sands project.
 Kerr McGee ,Coal Mine , Marion ,Illinois ,
 I assessed the accuracy of cost and planning reports being submitted by major contractors like Foster wheeler to the various clients.

1983 – 1988

Pfizer Chemical Corp Cork, Ireland.

Cost and planning Manager

I provided estimates on all plant expansion projects. Opened all bids, awarded all construction contracts and negotiated contract payments on citric acid and hydrogen plant with 700 employees. Set up and supervised various new computer cost systems. I am familiar with all aspects of civil, mechanical and electrical construction and contracting.

1981 – 1983

R.J Brown and Associates Rijswijk, Den Haag, Holland

Assistant Project Manager

100 Km undersea 36" pipeline from Block K13 in the North Sea to Den Helder in the Netherlands.
 Responsible for project cost reports, progress reports, and project contract negotiations with onshore and offshore suppliers. This project also included a temporary railway and removal and replacement of the sea dyke. Project cost \$120 million

1977 – 1980

Ove Arup and Partners Hunterstown, Scotland

Cost Engineer

Building a North Sea Platform construction yard at Hunterston in the River Clyde Estuary, Scotland Basically a hollow sand Island with a center 13M below sea level 1km offshore.

I was responsible for all cost records on the project. I submitted monthly project invoices right down to bank overdrafts etc; to The British Government Offshore Supplies Office which was the client. This project was built by a coalition of UK and Dutch civil engineering and dredging companies.

1976 – 1977

Montrose Harbour Scotland

Project Engineer

Hydrographic survey and supervision of dragline dredging and harbor wall sheet piling for new offshore supplies base for Occidental Oil.

1974 – 1975

US Army

Civil Engineer

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In charge of runway maintenance and various office building repairs and alterations at US Air base, Wurzburg, Germany for 2 years .Prepared construction specs, for new facilities and awarded contracts and supervised contractors.

1973 - 1974

Civil Engineering Contractors

Quantity Surveyor Kenilworth Bypass

Site Agent Built 13 warehouses and attached small office blocks in Coventry and one 24-floor high rise project, in Nottingham. Supervised trades carpenters, electricians, plumbers etc.

1970 – 1973

Procon London

Cost Engineer

Cost Engineer on Come by Chance refinery Newfoundland, Amoco Refinery, Milford Haven,
Cost reports month and project scheduling.

Trainings and Seminars:

Career Profile

- Approximately 50 years in the Heavy Industrial Construction Sector, I have worked domestically from coast to coast and from South to North.
- Have worked in the USA, South America, China, South Korea, Libya and North Africa, Zimbabwe & Botswana & across the Arctic. Started working in the Civil infrastructure section of the Construction Industry primarily and solely specializing in concrete works for approximately the first 18 years when I decided to branch out into the mechanical section of the Industry to become more versatile and knowledgeable which allowed me to be somewhat more flexible.
- With that came more opportunities to achieve the goals that I set.
- By branching out into the oil & gas & petro-chemical sectors, I now was able to gain experience in the mechanical field and at the same time continue to gain other knowledge and experiences in the civil field.
- Working abroad brings another dimension to ones 'experience because most times it becomes a show and tell approach in third world countries because of their lack of experience.
- There's not only the satisfaction of completing the job but the satisfaction that you have now taught others what you know so that they can now carry on. Starting as a apprentice and working my way up to
- A Vice President level took a lot of dedication and hard work plus sacrifice.
- Positions held were QC/QA inspector, Sr. Construction Inspector & Supervisor, Construction coordinator, Sr. field engineer, QA Manager, Insulation superintendent, equipment superintendent, mechanical superintendent, instrumentation superintendent, General superintendent, civil coordinator, construction site engineer, Area Superintendent, Construction Superintendent, civil superintendent, Construction Manager, Project Manager, Project Construction Manager and Director (VP) of Construction.
- I still am capable of getting down in the trenches and making it happen, what ever it takes to get the job done.
- I am in good health, physically and mentally.
- I believe strongly in the team concept and accountability plus I am very self motivated and reliable and believe in customer satisfaction. With that comes repeat business.
- The industries that I have worked in construction are many such as: Hydro electric Dams & Powerhouses, Pulp & Paper, Aluminum, Auto Motive, Thermal Plants, Ethylene Plants, Oil & Gas, Refineries, Mining sector, BF Goodrich Plastics, Hydrogen Plants, Gas Recovery Plants, Airstrips, Pipelines, Pump Stations, Pipe Manufacturing So the bottom line is Safety and Quality first followed by schedule and cost and together they spell success.

Experience Summary

May 2007 – December 2010

Owner/ Operator

Resort Property

Prince Edward Island

- Purchased a Summer Seasonal Resort on the East coast which required substantial repairs and renovations to bring the Property and buildings up to the required standards and codes.
- Additional buildings were also added and completed.
- These were completed late 2010 and the Resort is now fully operational.

November 2006 to April 30, 2007

Construction Manager

Technip USA.

- Managing the construction of a Hydrogen Plant
- Responsible for planning, scheduling, field engineering, safety, quality
- Control & assurance, procurement & expediting, staffing, cost engineering, turn-over packages, pre-commissioning plus commissioning.
- Responsible for the Project execution.
- Responsible for meeting the Mechanical completion date.
- Directed and managed the earthworks, the pile drilling activities including pouring concrete caissons, on grade concrete slabs, equipment & building concrete foundations plus tank & vessel concrete foundations & all associated grouting tasks.
- Directed and managed the structural erection, the mechanical installations, the piping fabrication & installations plus the insulation, scaffolding, electrical and instrumentation.
- Responsible for accelerating the schedule and maintaining a safe work environment.

May 2006 to October 2006

Construction Manager

Jacobs

- Seconded to the Project Management Team (PMT) as the Owner's Engineer on the Northern Lights Project (Northern Alberta) for Synenco Energy Inc.
- Perform constructability reviews during the DBM phase both for the Upstream (Mining & Extraction) and the Downstream (Upgrader) projects.
- Conduct Logistics & Transportation feasibility studies.
- Conduct Prefabrication shop facility surveys.
- Conduct pipe rack modularization studies.
- Participate in the Risk Management Analysis.
- Participate in the Quality Management Assurance Analysis.
- Provide support to the Logistics & Transportation Group.
- Provide support to the Scheduling & Estimation Group.
- Review lifting equipment (cranes) requirements.
- Review transport carrier requirements.

January 2005 to September 2005**Construction Manager**

**Lockerbie & Hole Industrial Ltd.,
APCL., Hydrogen Reformer Project,
Sherwood Park, Alberta, Canada.**

- Responsible for managing all construction management.
- Responsible for the Project construction execution.
- Organize and direct all field construction staff and multi-trades personnel.
- Responsible for planning, scheduling, field engineering, safety, quality control and assurance, procurement and expediting, staffing, cost engineering, turn-over packages and pre-commissioning plus commissioning.
- Manage all construction sub-contractors.
- Responsible for maintaining the schedule target dates and milestones.
- Responsible for attaining the Construction Completion date.
- Responsible for ensuring that the turn-over and pre-commissioning is successful
- Being a grass root Project, directed and managed the concrete activities
- Related to pile drilling, concreting caissons, catch basins, thrust blocks, on grade concrete slabs, equipment foundations plus associated grouting tasks.

March 2004 to June 2004**Construction Project Manager**

**Flint Infrastructure Services Ltd.,
Calgary, Alberta, Canada.**

- Pre-planning the construction of the future Suncor Sulphur Plant.
- Assisting with the preliminary schedules.
- Conducting constructability studies.
- Review lifting equipment (cranes) requirements.

April 2003 to September 2003**Project Manager**

**Lockerbie & Hole Industrial Ltd.,
Suncor 5C-99 Coker Fractionator Project,
Fort McMurray, Alberta, Canada.**

- Responsible for all the field construction management.
- Directed and organized all field construction staff and trades personnel.
- In addition, performed the Construction Manager's and General Superintendent's duties.
- Responsible for planning, organizing, scheduling, field engineering, safety, quality control and assurance, procurement, staffing, cost engineering, plus all construction.
- Responsible to bring the construction phase back on schedule.
- Responsible for ensuring that the Construction Completion met the target schedule date.
- This Milestone was accomplished with success.
- Responsible for ensuring that the Scheduled Shutdown and Tie-Ins and Start-Up

meet the target scheduled date.

- The Shutdown, 321000 manhours, which was the largest in Suncor's history, was a success and the 5C-99 Coker Fractionator was completed (2) days ahead of schedule including the new Hydrogen Transfer Line.
- Direct & manage all concrete activities related to equipment foundations
- Including associated grouting tasks.

February 2000 to Present

President,

993872 Alberta Ltd.,

Edmonton, Alberta, Canada.

Engaged in Real Estate Development and Property Management.

April 1999 to January 2000

Construction General Superintendent

Suncor Refinery Millenium Project,

Fort McMurray, Alberta, Canada.

- Accounted to the Construction Manager for all field construction management.
- Directed and organized all field construction staff and tradesmen.
- Managed the construction subcontractors.
- Responsible for planning, organizing, scheduling, field engineering, safety, quality control and assurance plus all construction.
- Completed the Coker foundation ahead of schedule, which was the critical path.
- Because of major union labour problems, completed the Coker foundation project with non union labour workers to achieve the schedule.
- In the Coker area, directed & managed all concrete activities for the massive 200 foot high Coker foundation.
- Other concrete works included on grade concrete slabs, retaining walls, pile drilling, caissons, building & equipment & vessel foundations plus concrete catch basin & concrete storm drain manhole installations including earthworks.

January 1997 to November 1998

Site Civil Manager

Kellogg Algeria Inc.,

Sonarco Oil Recovery Project,

REB, Algeria.

- Directed and managed all site civil construction.
- Directed and supervised all civil field personnel.
- Ensured that the Safety standards & procedures were followed as well as the Quality procedures.
- Responsible for planning, organizing, scheduling, field engineering, safety and quality control plus construction.

- Responsible for accelerating the overall site civil construction schedule which was the critical path.
- Completed the civil construction phase successfully.
- Directed & managed all concrete activities related to the underground massive concrete anchor blocks for stabilizing the high pressure pipeline gathering system, plus on grade concrete slabs, electrical & mechanical equipment foundations, pipe rack support concrete foundations & building concrete foundations & tank & vessel concrete foundations plus associated earthworks.

May 1996 to January 1997**Site QC Manager****Kellogg Korea Inc.,****Yukong NEP Revamp Construction Project,****Ulsan, South Korea.**

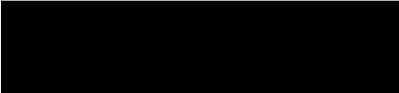
- Seconded to Yukong and Sunkyong Engineering and Construction Ltd. (SKEC) as Manager of the Quality Control Department.
- Assist in the implementation of the site QC program and plan on the Yukong Project.
- Perform the required day-to-day activities to implement the site QC program including QC support to Engineering, Procurement and Construction.
- Ensure all pipe fabrication and installations are per piping material and welding specifications ASME B31.3 code and drawings/isometrics.
- Ensure the subcontractors implemented and followed the procedures as outlined in the KKI Quality Control Procedure Manual.
- Responsible for all shop and field welding inspections.
- Ensure that the Safety standards & procedures were followed as well as the Quality procedures.

June 1995 to May 1996**Service Industry Company: Manager and Proprietor.**

Managed and operated a Service Industry Company.

October 1994 to May 1995**Site Quality Assurance Engineer****M.W. Kellogg, Maraven Refinery Project,****Cardon,****Venezuela,****South America.**

- Assist in the implementation of the site QA Program and Plan on the Maraven Project in line with the M.W. Kellogg QA requirements and its standards (i.e. ISO 9000) as specified in the contract.
- Perform the required day-to-day activities to implement the site QA Program including QA support to Engineering, Procurement and Construction.
- Review requisitions and subcontractor QA programs and manuals.

- 
- Plan and perform internal and external audits plus review QA documentation.
 - Provide training and orientation to internal/external site personnel on QA activities plus assist in the investigation analysis and resolution of non-conformances.
 - Interface with Venezuelan subcontractors proactively to implement and/or improve their quality programs to meet ISO 9000 standards for certification.
 - Perform QA audits on all earthworks & concrete activities related to pile drilling, caissons, on grade concrete slabs, equipment & building foundations, tank & vessel foundations plus related grouting tasks.

October 1991 to January 1994
Site Construction Manager
ABB Environmental Systems,
Lin-Kou Thermal Power Station,
Taiwan, R.O.C.

- Assured that the FGD plant was constructed in accordance with the contract documents and all ABB specifications and drawings.
- Directed and supervised all ABB personnel assigned to the site.
- Responsible for organizing, scheduling, monitoring, integrating, coordinating and expediting all on-site sub-contractors.
- Maintain quality control and safety procedures & standards.
- Review all work by various sub-contractors for progress and final payments and provide progress billings to the client for payment.
- Maintain accurate and detailed daily field reports.
- Produce weekly construction progress reports and updated schedules.
- Directed & managed all pile drilling, caisson concreting, building & equipment foundations, tank & vessel foundations, structural steel support concrete foundations, on grade concrete slabs plus associated grouting activities & earthworks.

August 1990 to October 1991
Director of Construction Services on Contract
ABB Air Pollution Systems, Ottawa, Canada.

- Reported directly to the Senior President for all Construction, Maintenance/Service and Spare Parts Sales activities.
- Restructured the Construction, Maintenance/Service and Spare Parts departments.
- Directed and managed the management of the related departments including shut-downs and start-ups.
- Responsible for all Construction, Maintenance/Service, Spare Parts Projects including Financials and Sales.
- Responsible for planning, organizing, estimating, scheduling, cost engineering, field engineering, reporting systems, safety, quality control, recruiting, labour relations, claims, department budgets, expenditures, equipment and tools plus staffing.
- Directed & managed the Management of all civil activities on 19 different Projects simultaneously that involved earthworks & pile drilling, caissons, building & equipment foundations, tank & vessel foundations, structural steel support concrete

foundations, on grade slabs plus associated grouting activities.

January 1990 to August 1990

**Senior QA Supervisor & Senior Contract Administrator,
Alcan Hydro Project, Bechtel Canada Ltd.,
Kemano, British Columbia, Canada.**

- Accounted to the Construction Manager for all Construction for the associated facilities for the Underground Powerhouse expansion.
- Monitored General Construction Contractor and Subcontractors.
- Assisted in accelerating construction schedules.
- Ensure that the Safety standards & procedures were followed as well as the Quality procedures.
- Supervised all civil, structural, HVAC, insulation, mechanical, electrical, architectural, instrumentation and piping installations.
- The civil activities included building and equipment foundations, on grade slabs, residential housing foundations, Sportsplex concrete foundation including a curling rink foundation.
- Other tasks involved catch basins & storm drain & sewer concrete manhole installations plus associated grouting and concreting tasks.
- Verified, approved all function tests and commissioning of all equipment.
- Completed all turnover packages and assignments.

April 1989 to December 1989

**Engineering Project Supervisor (EPS)
Arctic Dewline Projects,
ITT/ Felec Services Inc., VA., U.S.A.**

- Directed, supervised projects on the Artic Dewline.
- Ensured all work was accomplished in accordance with project specifications and drawings.
- Ensure that the Safety standards & procedures were adhered to as well as the Quality procedures.
- Projects entailed new pipe installations, pipeline modifications, tank pad and dyke construction, concrete foundations, pumphouse erection, storage tank installations, secondary containment systems installations, electrical installations, gravel crushing, POL offloading Sealift facility installations and handling hazardous waste material plus airfield construction.
- Supervised all remaining civil concrete & earthwork activities in ITT/FELEC's Contract which included equipment, tank & pumphouse foundations.
- Completed (100%) all the outstanding Projects within ITT/ Felec Services Inc's remaining Arctic Dewline Contract.

October 1988 to April 1989

**Construction Supervisor,
Overhead Transmission Project,
CIDA Project,
Zimbabwe/ Botswana, Africa.**

- Directed and supervised all earthworks & the foundation works on the single circuit overhead transmission line utilizing steel towers.
- Supervised the precasting of all the concrete support foundations for the steel towers prior to transportation to the field for installation.
- Ensured that the personnel conformed to the Safety standards & procedures plus the Quality procedures.
- All works were completed ahead of schedule.

November 1987 to January 1988**Site Construction Manager, Alcan Project,
Fluor Daniel Ltd., Kingston, Ontario, Canada.**

- Managed general construction contractor, subcontractors on the Aluminum Plant Expansion Project.
- Completed all civil and mechanical activities.
- Ensure that the Contractor & subcontractor personnel comply to the Safety standards & procedures as well as Quality.
- Work completed on schedule.

September 1987 to November 1987**Maintenance Site Engineer,
Syncrude TarSand Project,
CIC Inspection Ltd.,
Edmonton, Alberta, Canada.**

- Oversee refractory repairs and installation during Syncrude Refinery Shutdown, which was a success.

March 1987 to August 1987**Construction Site Engineer,
Enbridge Pipelines Projects,
Moody Tottrup Int. Ltd.,
Edmonton, Alberta, Canada.**

- Oversee the general construction contractor and subcontractors on several Pumping Stations' modifications throughout Manitoba & Saskatchewan.
- Ensured that all building & equipment foundations including on grade slabs were constructed to the drawings and specifications.
- Ensured that all earthworks complied to the drawings and specifications.

July 1985 to September 1986**Senior Construction Supervisor,
Great Man-Made River Project,
Brown & Root (Overseas Ltd.)
Marsa Brega, Libya.**

- Directed the field consulting team.
- Monitored the general construction contractor.

- Oversee construction, engineering of the Precast Concrete Pipe Plant and associated facilities.
- Directed & supervised all civil concrete & earth activities related to constructing a 2.5 kilometre long rail track foundation, 55 building foundations, numerous equipment foundations, on grade slabs. Manufactured concrete blocks which were used to build concrete block buildings to house 2500 workers & support service staff. Installed concrete manholes that were precast & constructed a concrete storm drain system.
- Also built a concrete Mosque & a recreational facility with a cafeteria.
- A concrete swimming pool was built along with concrete roadways inside the plant site and on the perimeter of the plant site.
- Erected 3 concrete batching plants and manufactured 73 tonne, 4 meter inside diameter and 7 meter long sections of prestressed concrete pressure pipe. Over 250000 sections of pipe were manufactured for the
- 1900 kilometre long water conveyance system known as the Great Man – Made River.
- The water was referred to as “White Gold”.
- Assisted in accelerating the construction schedules.
- Verified, approved function tests, commissioning of all equipment.
- Developed and implemented the "On-The-Job Training Program" for the Libyan National Engineers.
- Successful in completing the overall construction phase which was initially behind schedule.
- Ensure that the Contractor and field personnel conformed to the Safety standards & procedures as well as the Quality procedures.
- Other Positions Held: Acting Construction Manager, Area Engineer and Temporary Training Officer on the Great Man-Made River Project in Libya.

July 1984 to July 1985

**Construction Superintendent,
Syncrude**

**TarSand Project, Kilborn, Kellogg, Rust Ltd.,
Ft. McMurray, Alberta, Canada.**

- Accounted directly to the Senior Project Construction Manager for all field construction management & Safety & Quality including the schedule.
- Set up and initiated the \$1.5 billion Refinery Plant Expansion Project.
- Directed & organized the field construction management team.
- Managed the general construction contractors & subcontractors.
- Directed & managed all civil concrete & earth activities related to storm drain manholes, building & equipment foundations, pile drilling, caisson concreting, tank & vessel foundations plus on grade slabs & associated earthworks.

June 1983 to July 1984

**Instrumentation Superintendent / Civil Coordinator on Contract to Progress
Electrical & Mechanical, Edmonton, Alberta, Canada.**

- Directed & supervised all the instrumentation construction at the new Dow Chemical

& Alberta Gas Ethylene Plants.

- Completed work on schedule & under budget.
- Monitored & coordinated the Prime Civil Subcontractor on the construction of the Ethylene Plant.
- Supervised & coordinated all earthworks & all the civil concrete activities which included on grade slabs, building & equipment & vessel foundations, pile drilling, caissons, structural steel support foundations.
- Ensured all earthworks & concrete activities were done in accordance to the drawings & specifications.
- Ensured the civil contractor and the workers conformed to the Safety standards and procedures at all times including the Quality procedures.

April 1982 to June 1983

Area Superintendent, Imperial Oil Refinery, Associated Kellogg Ltd., Edmonton, Alberta, Canada.

- Accounted to the Construction Superintendent for all the Refinery expansion construction.
- Directed, organized the field construction staff (16) and tradesmen (520).
- Ensure that all personnel conform to the Safety standards & procedures as well as the Quality procedures.
- Supervised & coordinated all earthworks & civil concrete activities which included on grade slabs, pile drilling, building & equipment foundations, caissons, structural steel support foundations, etc.
- Ensured that all earthworks & concrete activities were done in accordance to the drawings & specifications.
- Completed construction on schedule, under budget.
- Supervised the largest Plant Shutdown in Imperial Oil's Refinery history which was completed on schedule and a major success.

September 1980 to April 1982

**Construction Manager / Construction Superintendent,
Syncrude Project, Catalytic Enterprises Ltd.,
Fort McMurray, Alberta, Canada.**

- Accounted to the Manager of Projects for all construction at the Refinery.
- Managed all construction, maintenance projects.
- Directed & organized field construction staff (50), tradesmen (700) and all the subcontractors.
- Accounted to the Construction Manager for the construction and maintenance projects.
- Supervised the construction and maintenance personnel plus the subcontractors.
- Ensure that all personnel conform to the Safety standards & procedures as well as the Quality procedures.
- Directed & supervised all earthworks & civil concrete activities related to on grade slabs, building & equipment foundations, pile drilling & caissons, structural steel support foundations.

- Ensure all earthworks & concrete activities were done in accordance to the drawings & specifications.

April 1980 to August 1980

**Senior Field Engineer,
BF Goodrich Project, Bechtel Corporation,
Pedricktown, New Jersey, U.S.A.**

- Directed, coordinated the engineering and construction activities with the subcontractors on the PVC expansion project.
- Supervised & monitored all earthworks & civil concrete activities related to caissons, equipment & building foundations, vessel & tank foundations plus on grade slabs.
- Ensure that all personnel conform to the Safety standards & procedures as well as the Quality procedures.
- Ensure that all the earthworks & civil concrete activities were done in accordance to the drawings & specifications.

March 1975 to April 1980

**Area Superintendent,
Syncrude TarSand Project,
Bechtel Canada Ltd.,
Ft. McMurray, Alberta, Canada.**

- Accounted to the construction general superintendent for all construction in assigned areas.
- Ensure that all personnel conform to the Safety standards & procedures as well as the Quality procedures.
- Supervised & coordinated all the earthworks & civil concrete activities on this Grass Roots Project.
- The concrete activities involved extensive pile drilling and caissons, multi equipment, building, vessel, tank foundations and hundreds of on grade slabs, concrete catch basins, concrete manholes for the sewer & storm drain system installation plus poured a 300 foot concrete high chimney stack. Also poured concrete spillways for the irrigation flood control dams plus coordinated all the batching plant activities.
- Directed & organized field construction staff (22), tradesmen (800).
- Coordinated & supervised major plant shutdowns.
- Completed all assignments on schedule on the \$2.5 billion Tar Sand Mining Project.
- Other Positions Held: Concrete & Batching Plant Coordinator, Area Engineer, Equipment Superintendent, Insulation Superintendent, Civil & Mechanical Superintendent and Instrumentation Superintendent.

February 1973 to March 1975

**Senior Construction Inspector,
Mica Dam Hydro/ Electric Project,
Loram International Ltd.,
Mica Creek, British Columbia, Canada.**

- Responsible for all the underground excavation progress reports, grouting operations, structural steel checkouts, concrete inspections and field quantities on

the Mica Dam Project.

- Inspected & supervised all civil activities related to percussion drilling & blasting plus concrete activities for the underground powerhouse & tailrace which included tunnel concrete lining, concrete walls, concrete lining of the shafts, concreting the turbine scroll cases, concrete lining of the elevator shafts, switchgear foundations, concrete floor slabs, concrete paving, concrete walkways & concrete stairways.
- Narrated the final historical report on the excavation of the underground Powerhouse, tailraces, transformer chambers for future bid proposal references.

October 1968 to February 1973

- Senior Construction Inspector on the Mica Creek Hydro Dam in Mica Creek, B.C.
- Duties and responsibilities involved earth fill placement and compaction on the dam plus soil analysis, spillway concrete placement and finishing plus repairs, percussion drilling, diamond core drilling, tunnel excavation which included drilling & blasting, rock bolt installations, curtain grouting and blanket grouting.
- Duties involved retaining wall concrete placements and rebar & formwork checkouts plus sign offs.

May 1968 to October 1968

- As a Sr. concrete Inspector on the Churchill Falls Underground Powerhouse & associated facilities in Labrador, NFLD., was responsible for concrete placement in the new residential housing area, the concrete paving for the new airstrip plus the new hospital and in the underground powerhouse.
- Also responsible for the rebar & formwork checkouts and sign offs.

September 1967 to May 1968

As a Sr. Concrete Inspector and Supervisor on the Manitoba Hydro Electric Dam, in Gillam, Manitoba, was responsible for the rebar & formwork checkouts & sign offs plus concrete placements

October 1966 to September 1967

- On the Baie D'Espoir Hydro Electric Powerhouse in New Foundland, as a Sr. Concrete Inspector & Supervisor, was seconded to Shawmont Engineering to supervise the Concrete Designing and Testing plus the concrete placement and to coordinate all the batching plant activities including rebar & formwork checkouts.

March 1966 to October 1966

- Worked as a Senior Concrete Inspector and Supervisor on the Angliers Hydro Dam & the Notre Dame Du Nord Hydro Dam, both in Quebec, simultaneously.
- Supervised the concrete designing & testing in the laboratory plus performed rebar & formwork checkouts and sign-offs & concrete placement inspections.

May 1965 to March 1966

- On the Manicouagan 5 Hydro Dam, worked as a concrete inspector designing & testing concrete in the laboratory plus doing concrete placement inspections and rebar & formwork checkouts.

- The daily average poured concrete was 5000 cubic yards of 6 inch concrete which was massive using a cableway system.

May 1963 to October 1964

- Worked as a millwright apprentice installing pumps & motors for Gaspesia
- Pulp & Paper expansion in Chandler, P. Quebec for 5 months each summer during the University summer break.

October 1957 to September 1962

- Worked as a apprentice on the paper machines for the Quebec North Shore
- Paper Co. making newsprint.
- Resigned to return to University

May 1955 to October 1957

- Worked as a structural steel apprentice rigger for 5 months each summer during high school summer break on the construction of the Aluminum Plant in Baie-Comeau, Quebec.

Education**St. Dunstons University, P.E.I.**

3 years towards a B.Sc.

Management Development Program (Human Relations, Communications).

Accident Control for Construction Supervisor.

Supervisory Management Course, Management Principles.

Motivational Training Course for Construction Supervision.

Environmental Protection & Hazardous Material Management Program.

Construction Project Controls.

Safety Training Observation Program for Supervisors - (Stop System).

Computer Courses.

Bilingual/ Fluent in English & French**Studying Spanish**



CAREER SUMMARY

Extensive and broad range of experience in construction and corporate management. Held senior management positions during the implementation of numerous construction projects in the heavy civil, hydroelectric, offshore oil & gas, marine, mining, and building disciplines in Eastern Canada, and on international locations.

AREAS OF STRENGTH

Highly motivated manager with excellent leadership and team building skills. Outstanding track record in contract administration, project controls, and quality systems.

WORK HISTORY**GENERGY INC. – 1991 to date**

Genergy is a wholly owned St. John's based company that provides my services to client companies; assignments have included the following:

- February 2009 to October 2010, Project Manager during the design, construction and commissioning of a marine services facility for Rolls-Royce Canada at Mount Pearl, NL.
- May 2003 to August 2006, senior executive with Rutter Inc. (see below).
- December 2000 to November 2001, Project Manager with SNC-Lavalin during a concentrator upgrade project for the Iron Ore Company of Canada at Labrador City, NL.
- During 1995 and 1996, local representative to Bouygues Offshore (now Saipem) during the preparation of proposals for the development of Petro Canada's Terra Nova project.
- During 1992, volunteer Project Manager during the design and construction of the St. John's SPCA shelter.
- Between 1991 and 2007, completed pre-feasibility studies and provided project management services to developers of proposed hydroelectric power stations in Newfoundland and Labrador.

RUTTER ENGINEERING & AUTOMATION (REA) – 2003 to 2006

- **President & CEO – May 2005 to August 2006**

Responsible for the operations of St. John's based REA, a Rutter Inc. subsidiary, with engineering, automation and project management expertise in the oil & gas, commercial and heavy industrial sectors, and which employed more than 250 engineers and technicians in Canada, the US and Brazil.

- **President – May 2003 to May 2005**

President of Unicontrol International Ltda., REA's São Paulo based Brazilian subsidiary, with offices in Rio do Janeiro, Macaé, and Victoria. Unicontrol is an engineering company specializing in instrumentation, controls and systems integration, as well as field installation and maintenance services for the oil & gas and industrial sectors, and which employed more than 150 engineers and technicians.

BOUYGUES OFFSHORE (now Saipem) – 1985 to 1990

- **President (1988 to 1990)**

Managed the Halifax based Canadian subsidiary (Bouygues Offshore Canada), which was involved in the development and marketing of three (3) concrete production structures for the Canadian offshore. As a member of the Hibernia Builders Joint Venture (Kiewit/Bouygues/Pennecon), the company was a proponent for the design, construction and installation of Mobil's Hibernia gravity base structure (GBS). The company also submitted a proposal for the marine works for the Confederation Bridge between New Brunswick and Prince Edward Island.

- **Director – Marketing and Business Development (1985 to 1988)**

Managed the London based marketing and business development operations of a UK subsidiary (UIE Scotland), which owned and operated a significant fabrication yard located at Clydebank, Scotland. Participated in the yard's transition from 'shipyard' (John Brown & Company) to a premier fabricator of offshore oil & gas production modules, and produced the corporate Quality System Manual.

During this period, served as a Director and Deputy Chairman of the UK Module Constructors' Association (MCA) and was Chairman of the MCA's Standard Conditions of Contract and Annual Function Committees.

BECHTEL INC. – 1977 to 1984

- **Site Manager (1982 to 1984)**

Managed site teams responsible for the fabrication supervision and quality management of several North Sea oil & gas modules. These included production modules for Mobil's Beryl B oil & gas platform, which were fabricated at Cherbourg, France; and the 4,800-ton central processing platform and jackets for Hamilton Brother's Esmond gas development, which were fabricated at Ardersier, Scotland.

Between 1977 and 1982, I was seconded to the Société d'énergie de la Baie James' (SEBJ - a Hydro Quebec subsidiary) project management team and held the following positions:

- **Manager – Contract Administration (1979 to 1982)**

Managed SEBJ's contract administration department during the construction and commissioning phases of the 2,304 MW LG 3 hydroelectric power station in northern Québec. The department was responsible for the administration of about 45 contracts ranging in value of between \$10 and \$450 million, and for budget and cost control, estimating, scheduling, management systems and project documentation.

As deputy Site Manager, responsibilities included a wide range of administrative functions related to the operation of the camps and village housing the 5,000 workers and 300 families at the remote LG 3 site. Also, was Chairman of the LG 3 Emergency Measures Committee.

- **Manager – Project Controls (1977 to 1979)**

Managed SEBJ's project controls department in Montréal during the engineering and procurement phases of the LG 3 project. The department was responsible for establishing the project schedule and budget, analysis of design alternatives, definition of work packages, tender documentation, and coordination between the engineering, procurement and construction departments.

TOWNEND AND GODFREY BROTHERS LTD. – 1971 to 1977**▪ General Manager**

Managed the company's construction operations. The Mandeville based company was a general contractor and producer of concrete and concrete products; one of the oldest and largest in Jamaica. During my term with Townend & Godfrey, some 40 projects were completed across the Island in the mining, civil and building disciplines. Mining projects included new construction and expansion programmes in the bauxite, alumina, and cement industries. Civil and building projects included bridges, resort hotels, commercial centres, housing estates, and secondary schools.

In late 1974, was special consultant to the Overseas Private Investment Corporation (OPIC), a US State Department agency, during the settlement of an expropriation dispute between the Government of Guyana and Reynolds (Guyana) Mines Ltd.

WALSH CONSTRUCTION COMPANY – 1968 to 1971**▪ Assistant Project Manager**

Managed the procurement, contract administration, and project controls departments during the turnkey construction of the Revere alumina plant at Maggotty, Jamaica, WI. Responsibilities also included administrative functions with respect to labour and government relations.

OTHER EMPLOYMENT

During 1967, was Director of the Expo '67 theme pavilion 'Man and the Oceans' and in collaboration with Commandant Jacques-Yves Cousteau's team, co-produced and directed the live underwater exhibit that depicted man's conquest of the undersea.

Prior to 1967, worked on several heavy civil and mining projects. These included hydroelectric, highway, tunnel, and bridge construction in Québec and in South Vietnam; the dredging of the St. Lawrence Seaway; and the turnkey construction of an iron ore concentrator at Wabush Lake, Labrador. Held positions in contract administration, project controls, construction supervision, inspection and surveying.

ASSOCIATIONS & COMMUNITY ACTIVITIES

Past-Chair of the Board of Directors of the Newfoundland Symphony Orchestra. Served as a Director of the Newfoundland and Labrador Oil & Gas Industries Association (NOIA), was President of the Newfoundland and Labrador Waterpower Association; and volunteered with other community and business associations. Member of the Royal Newfoundland Yacht Club.

EDUCATION

Sir George William University, Faculty of Science, Montréal, QC; Collège Saint-Laurent (secondary), Saint-Laurent, QC; and Ecole St. Antonin (primary), Montréal, QC. Completed numerous continuing education courses/seminars in project management, contract administration, cost engineering, computer application, and emergency measures. Fluent in both French and English.

Requirement Details:

Position:	Area Manager Muskrat Falls Dams & Spillway Scope
Requirement Reference:	
Requested by:	[REDACTED]

Candidate Details:

Proposed Candidate:	[REDACTED]
Point of Origin:	British Columbia, Canada
Availability:	2 weeks after acceptance

Name:



Discipline:

Project Controls Lead Manager

Summary:

I have a B. A. Sc. Degree in Industrial Systems Engineering (all systems in the industries: process, chemical engineering, environmental engineering, heat transfer, mechanics of materials engineering, fluid mechanics, surveying, manufacturing, stress analysis, ISO9000, ISO9001, ISO 9002, ASME standards, systems engineering, design engineering and AUTOCAD, mechanical/electrical control systems, automation, robotics, project management, systems management and optimization, economic analysis, quantitative analysis, human factor, time motion studies and energy planning wind, hydrogen, nuclear, oil and gas, etc.) from The University of Regina, Saskatchewan, Canada and Post Graduate degree in Project/Construction Management Specialization from The University of Calgary, Alberta, Canada.

I have several years of work experience in the areas of Construction, Project Management Planning and Scheduling (using PRIMAVERA and other software) and Project Management in Construction, R&D and Cost Model Development (Cost Engineering) for Disposal of Nuclear Wastes (a 92 years project), Geotechnical Engineering and Mining, surface facilities (12 square kilometers), underground facilities (4 square kilometers), ancillary facilities, etc.. I have trained staffs and written several User Manuals and Technical Engineering and Project Management Reports with regard to work performed.

Other projects that I worked on: Project Management Planning and Control of Sour Gas Plant project built by SNC-Lavalin for Shell Canada in Red Deer, Alberta, CANADA, Procurement Management of deliverables between Calgary -Canada and Russia for Oil and Gas Projects in Russia, Project Management of fundraising for Alumni of the University of Calgary, Alberta, CANADA, Project Engineering of revamp and remodeling of a Gas Plant Project considering lump sum or cost plus method, Human Resource Management of Coaches and Speed Skaters and other Athletes of Team Canada and their dispute with the Government over lack of funding in Lilihammer Winter Olympic, Project Law Management of disputes between Owners and Contractors and Subcontractors in Construction Industries, Project External Issues of Communities versus Industrial Projects and Land Usage and City Bylaws and other disputes affecting the projects in their neighborhood, Project Construction Management of an Hospital under construction in Calgary, Alberta, etc..

I also Provided consulting services in project/construction management, planning and scheduling to overseas Industries (EPC environment) mostly the construction of projects in IRAN under HR Projects (in Iran) such as: 1994-1997 hydroelectric dam and power plants in Karaj, 1997-1999 airport construction in Tehran Qum, 1999-2001 highway and road construction in Tehran Suburb, 2001-2005 copper mines in Sarcheshmeh, Iran and oil and gas projects (revamp and maintenance) in Abadan Refinery, etc.

2006-June 2007, Contractor (Syncrude Canada Ltd.), Senior Project Control Specialist, Extraction Department, Syncrude Canada Ltd., Responsible for developing new strategies, project planning/scheduling and control [for 6 stages of project strategy

(PIF), project definition (class 10 estimate), conceptual design (DBM), basic design (basic engineering, class 2 estimate, AFE), detailed engineering (IFCs), procurement (deliverables), construction (conceptual and contractors schedules), commissioning and closeout] for over 100 maintenance/revamp plant projects in Oil Sand Industry. Working with over 7 project managers, several major contractors and senior project manager within Extraction Department and other senior managers within Syncrude Project Control department, System Project Control Department and training junior staff in different areas of project control within Syncrude (i.e. extraction, Mining, facilities, etc.).

June 2007 – August 2008, Contractor (SNCLavalin Ltd.), Sr. Leader and Project Control Specialist, Project Control, planning/scheduling/cost control of new FE/Ni Smelter plant along with surface facilities in Barro Alto, Brazil. Responsibilities: coordinate project planning and scheduling activities and project control associated with the EPCM of the Barro Alto project. Liaise with project control manager, area manager, lead engineers, and client representatives.

August 2008 – Present, Contractor (AMEC/Shell Ltd.), Sr. Leader and Project Controls Specialist, Project Controls, planning/Scheduling/Cost Control of Albian Sands Expansion 1 project in Northern Alberta (80 km north of fort McMurray), Responsibilities: coordinate project planning and scheduling activities and project controls associated with EPCM of Utilities section of Albian Oil Sands Expansion 1 project, liase with Project construction manager, area manager, project controls manager, lead engineers, major contractors, planners/schedulers and client representatives.

I am a team player and work well with people of all backgrounds. If you have any question, please feel free to contact me. Thank you for your consideration.

Project/Construction Management experience Planning and Scheduling (CPM), etc.,

Cost Engineering and modeling experience using PRIMAVERA and other software,

Job site construction experience, surface / underground facilities Mining, Oil Sand, Oil & gas, etc.

Plant operation and economic analysis experience,
Comprehensive work in team environment (EPCM),
Extensive computer skills,
Enthusiastic, good communication and people skills,
Ability to work independently,
Work well in team environment.

Education:

1993 – 1994, The University of Calgary Alberta, Canada:

Specialization degree in project/construction management (joint MBA and Civil Engineering Program) which include:

Project management principles, law for project managers, human resources management, project planning and control, project External issues, project engineering management, procurement and logistics, construction management and risk management.

1985-1992 The University of Regina Saskatchewan, Canada:

B. A. Sc. degree in industrial systems engineering (process, chemical engineering, heat transfer, surveying, manufacturing, stress analysis, ISO 9000, ISO 9001, ISO 9002, ASME standards, systems engineering, design engineering, fluid mechanics, Mechanical/electrical control systems, automation, robotics, project management, systems management and optimization, economic analysis, quantitative analysis, time motion studies and energy planning, mechanics of materials engineering, etc.).

I also have educational background: 2 years (of 4 years degree) of education in Industrial Chemistry in Italian language, 4 yrs (of 4 years degree) of Mathematics, 4 years (of 4 years degree) of Chemistry, 3 years (of 4 years degree) of Chemical Engineering, etc.

1981 – 1984, Milan State University Milan , Italy and Perugia State University, Perugia, Italy (night shift):

Studies in Italian language and Industrial Chemistry.

Languages:

Languages spoken and written: English, Italian, Portuguese, French (intermediate level).

Skills/Computer Skills:

20/20, EXCEL, Lotus 123, Word perfect, Mass-11, MS word/works, CAD/CAM, Auto Cad & HP Plot & Harvard Graphics, Primavera Engineering and Construction (P3e/c & P3e, P5 V5.0 & V6.0), Prism, Primavera Expedition Professional, Primavera Contractor, Primavera Project Planners (P3), Primavera Prime Contract, Suretrak Project Manager, Primavera Maintenance and Turnaround, MS Window 98 & 2000 (XP), IBM PC, MAC PC, Internet and Others.

Experience:

Aug 2008 – Present

AMEC/Shell Ltd., EPCM)

Sr. Leader and Project Controls Specialist

Sr. Leader and Project Controls Specialist, Project Controls, planning, Scheduling, Cost Control of Albian Sands Expansion 1 project in Northern Alberta (80 km north of Fort McMurray), Canada.

Responsibilities: coordinate project planning and scheduling activities and project controls associated with EPCM of Utilities (\$1 billion project) section of Albian Oil Sands Expansion 1 project. Liase with Project construction manager, area manager, project controls manager, lead engineers, major contractors, planners/schedulers. Responsible to lead 5 or more other planner/scheduler and producing CPM schedule, manhour and cost profiles, meeting with clients, contractors, area managers, lead engineers and client representatives to discuss schedule progress and strategies regarding project and vendors' schedule and deliverable going to site.

Jun 2007 – Aug 2008

SNC-Lavalin Ltd., EPCM

Sr. Leader and Project Control Specialist

Project Control, planning /scheduling /cost control of new FE/Ni Smelter plant along with surface facilities in Baro Alto, Brazil.

Responsibilities: coordinate project planning and scheduling activities and project control associated with the EPCM of the Barro Alto project. Liaise with project control manager, area manager, lead engineers, and client representatives.

Responsible to lead 5 or more other planner/scheduler and producing CPM schedule, manhour and cost profiles, meeting with clients, contractors, area managers, lead engineers and owner's representatives to discuss schedule progress and strategies regarding project and vendors' schedule and deliverable going to site.

2006 - Jun 2007

Syncrude Canada Ltd

Senior Project Control Specialist

Extraction Department, Syncrude Canada Ltd. (EPCM), Fort McMurray, Alberta, CANADA:

Responsible for developing new strategies, project planning/scheduling and control [for 6 stages of project strategy (PIF), project definition (class 10 estimate), conceptual design (DBM), basic design (basic engineering, class 2 estimate, AFE), detailed engineering (IFCs), procurement (deliverables), construction (conceptual and contractors schedules), commissioning and closeout] for over 100 maintenance / revamp plant project in Oil Sand Industry. Working with over 7 project managers, several major contractors and senior project manager within Extraction Department (bitumen processing and tailings) and other senior managers within Syncrude Project Control department, System Project Control Department and training junior staff in different areas of project control within Syncrude (i.e. extraction, Mining, facilities, others, etc..).

Responsible as lead planner/scheduler to supervise 5 and more other planner/schedulers. Produced pure logic network (CPM), bar charts, manpower and equipment and deliverables profiles and engineering reports and monitored engineering and construction contractor's work progress (mobilization to site, civil work, structural supports, mechanical/pump/piping, electrical & instrumentation and control, insulation and demobilization) on weekly basis. Reviewed PCN/FCN and scope change and project trend and applied the changes accordingly.

1994 – 2005

HR Project Management Ltd, Vancouver, B. C., Canada

Independent Consultant, and Project Manager (EPCM):

Provided consulting services in project/construction management, planning and scheduling to overseas Industries (EPCM environment) mostly the construction of projects in IRAN under HR Projects (in Iran) such as:

1994 - 1997

Hydroelectric Dam and power Plants in Karaj

1997 - 1999

Airport Construction in Tehran-Qum

- 1999 - 2001 **Highway and road construction in Tehran suburb**
- 2001 - 2002 Copper mines in Sarcheshmeh, Iran (project planning and scheduling and control of the areas of work consisting: infrastructure, mining, ore homogenization, ladle furnaces, electric furnaces, refinery, reagent LPG & Coal powder starter, auxiliary buildings)
- 2002 - 2005 **Oil and Gas Projects (revamp and maintenance) in Abadan refinery, etc.**
- In all contracts I was responsible as lead planner/scheduler to supervise 5 and more other planner/schedulers. Produced pure logic network (CPM), bar charts, manpower and equipment and deliverables profiles and engineering reports and monitored engineering and construction contractor's work progress (mobilization to site, civil work, structural supports, mechanical/pump/piping, electrical & instrumentation and control, insulation and demobilization) on weekly basis. Reviewed PCN/FCN and scope change and project trend and applied the changes accordingly.
- 1990 - 1993 **Atomic Energy of Canada Ltd., Pinawa, Manitoba, Canada**
- Project Management Planner, Scheduler and Cost Engineer (R&D and EPCM environment)**
- Prepared detailed budget of over \$14.5 billion, Trained staff and produced technical reports (7), Performed feasibility studies and R&D, Developed Work Breakdown Structure (WBS), Developed master and detailed schedules (92 years), Planned and scheduled projects CPM method, Developed resource management /planning, Developed estimation and budgeting, Developed document management and filing systems, Monitored progress measurement and reporting, Participated in contract administration, Participated in project execution planning, Developed baseline, schedule and cost performance.
- Responsible as lead planner/scheduler to supervise 5 and more other planner and schedulers. Produce pure logic network (CPM), bar charts, manpower and equipment and deliverables profiles and engineering reports.
- 1986 - 1987 **Capital Concrete, Regina, Saskatchewan (Summer Shift):**
- Concrete Former**
- Built concrete forms for Parkade of Regina Inn, Trained Staff, Poured concrete and performed concrete finishing.
- 1981 - 1984 **Spaccia Loris Segeria e Graniti, Perugia, Italy (day shift):**
- Marble and Granite Technician and specialist**
- Operated 20 different marble cutting and shining machines, Trained staff, Prepared products for shipping. Other projects that I worked on:

Project Management Planning and Control of Sour Gas Plant project built by SNC-Lavalin for Shell Canada in Red Deer, Alberta, CANADA,

Procurement Management of deliverables between Calgary -Canada and Russia for Oil and Gas Projects in Russia,

Project Engineering of revamp and remodeling of a Gas Plant Project considering lump sum or cost plus method,

Human Resource Management of Coaches and Speed Skaters and other Athletes of Team Canada and their dispute with the Government over lack of funding in Lilihammer Winter Olympic,

Project Law Management of disputes between Owners and Contractors and Subcontractors in Construction Industries,

Project External Issues of Communities versus Industrial Projects and Land Usage and City Bylaws and other disputes affecting the projects in their neighborhood,

Project Construction Management of an Hospital under construction in Calgary, Alberta, etc.

Please complete the following in order to qualify for submission with the client

Job Summary – Area Manager Dams & Spillway
<p>Education:</p> <p><u>Engineering Degree?:</u></p> <p>B.Eng. in Industrial Systems Engineering and M.Eng. in Project Construction Management Specialization</p> <p>OR</p> <p><u>Equivalent combination of education and experience:</u></p>
<p>Experience:</p> <p><u>15 to 20 years project management in a senior position on major projects:</u></p> <p>21 years of experience in general project construction management.</p> <p><u>Cost and schedule drivers associated:</u></p> <p>21 years of experience in project management scheduling and cost estimation and controls using primavera p5/p6 and other Microsoft tools.</p> <p><u>Experience in leadership during engineering, procurement and construction:</u></p> <p>18 years of leadership in all phases of the project.</p>

M.Eng. P.Eng. PMP

EDUCATION

- ♦ **Master of Engineering Degree:** University Of Toronto. (1992)
Major: Project Management.
- ♦ **BS Engineering Degree.**
Saint Joseph University/ Higher School Of Engineering. (ESIB-USJ)
- ♦ **PMP and Ontario P.Eng. Certification**

OBJECTIVE

Use my professional experience, and implement new processes in a cooperative team work environment.

PROFESSIONAL EXPERIENCE

Risk assessment of CANDU research projects - On as needed basis. 2011

Project Manager/ DTL and MTL- HATCH- Bruce Power Restart- Contract 2008 to 2010
Managed the Design Close-out of the Secondary Control System Projects at Bruce A Restart Units 1&2, as per Bruce Power ECC process including MMCC1 and Schedule S. Oversight of civil/structure part of the system.

Site Recovery Assessment (Jordan –Dead Sea)- Hatch- (May to July 2008)

- ♦ Implementation of Potash cold system Refinery: Managed Site and Technically supervised multidiscipline multinational technical support. Oversight and acceptance of concrete structure and seismic analysis. Performed project risk assessment and mitigations.

Feeder Tooling Management- OPG- IMS Darlington Nuclear Station; - Contract 2006- 2008

- ♦ Coordinated GE design and manufacturing and interface with the ECC process. : **Feeder Project Tools- OPG/ IMS (VCP and TMM).** Prepared, updated and managed project execution plans.

Principal Project Manager – Framatome/ AREVA Pickering Ontario - Contract 2005- 2006

- ♦ Principal Project Manager of **Boilers Chemical Clean (Reactor Heat Transport System).** Managed Equipment procurement, Field Work Packages, Procedures, Project management reporting (Daily, Weekly, and Monthly), interfacing, with Client (PM, Director, VP) , negotiating scope changes, proposal modifications, and new budget justification. Obtained Client approval. Gained Client trust and respect. Insured **OHSA, and National Building Code** compliance.
- ♦ **Successfully realigned the following failing projects:**
 - ♦ Resolved and Managed the **Operation and Maintenance Building of Pickering Nuclear Station**
 - ♦ Assessed and put back on track a difficult and loosing project: **Generator Slip Ring Humidifier Evaporative System, Darlington Nuclear Station.**

Project Manager/ MTL - OPG return to Service- Pickering GS Ontario- Contract. 2004- 2005

Managed the following **reactor face projects at Pickering RTS U1:**

- ♦ **Feeder Replacements:** Managed this unique first 5 feeder replacement at OPG. From manufacturing to implementation onsite, in a tight schedule and extremely difficult work conditions. Coordinated all the players: Suppliers, Field worker support, and Station support, all within OPG Permanent mod. procedures and requirement. (ALARA, FME, Work Protections, Permits, and pertinent feeders fabrication, and replacement documentations: Work Packages, MITP, ITP, weld Procedures, and Inspection), including mock-up and simulation.
- ♦ **Damp Scrapes,** Managed the supplier, and coordinated the forces on the field of scraping 20 Fuel Channels.

- **Feeder Inspection**, In charge of the feeder **inspection** project for thickness life expectancy.
- **Chafing Shields**: In charge of the feeder shields **replacement and inspection** in the lower and upper feeder cabinet as well as the inspection, repair and installation of the reactor panels and Jigsaw. In addition of **graylock repair and closure-plug replacement**.

Senior Project Eng- AECL Darlington/ Mississauga Ontario - Permanent **2002-2003**

- **Managed the Fuel Handling Interface of the UDM (Universal Delivery Machine)** at Darlington GS (Construction & Design of the trolleys' modifications; UDM test, decontamination, storage, and maintenance facility; penetrations, and UDS training, interface software, and inherent hardware). As an augmented staff to OPG by AECL.
- Senior Project Engineer at AECL Head Office. Managed all AECL manufacturing and design Pickering B NGS account projects, and the **UDM, ANDE & TSS connectorized cables**.
- In charge of the Design and implementation of a reporting process, project progress reports, invoicing, and projects closing.
- Managed **Qualification of FM EQ Pickering B**. (estimate, proposal, planning, budget, coordination, and follow-up).

Program Manager- CANDU Owners Group- Contract - **1999-2001**

- **Designed & Implemented COGs integrated project management system** including: Project Management Controls: (critical path, performance indices (earned value), variances, etc.), Change Control Process, Primavera Integrated Cost & Schedule report including work Break down Structure WBS, project progress reports, and corrective actions. **As a result COG improved and has been allowed to continue its mandate.**
- Managed R&D Programs: **Fuel Channels**, and Health & Safety Programs.
Coordinated effort and facilitated problem solving of both programs. Among the projects: *In service volumetric flaws: Rolled joint bearing pad flaws (DHC initiation, K1H data base), Mid plane and debris fretting flaws (Fatigue crack initiation, AFS), and **Fitness for Service Guidelines**. *Deuterium ingress: Factor identifications, Confirm optimum PHT chemistry, Scrapes and Depleted zone). * Deformation: Impact of uncertainties in models and inputs for predictions on contact (SLAR), Variability of PT deformation, Creep damage, Diametric expansion as a PT life limiting)

Management of Quality Management System of OPG Plants - Contract **1998-1999**

- Managed and produced integrated cost and schedule for each Ontario Hydro fossil generation plant, for **implementing the environmental management system ISO 14001**.
- Prepared the Quality & Environmental Policies for hydroelectric and fossil generation plants.
- Established a plan for the Corporate Health & Safety and Fire Protection & Prevention management systems to meet the BS 8800.

Construction & Design Management - Ontario Hydro- Permanent **1991-1997**

- Design and Construction management for Lenox- Bowmansville **500 KV Transmission Project**.
- Planned and conducted conformance survey, **gap analysis**, and quality implementation plan of the Quality Management System of the **Transmission- and Transformation Projects Division** based on the international standard **ISO 9000**.
- Planned and co-ordinated civil construction project at Pickering Nuclear Power Station.
- Prepared Procedures for **Managing Contractor Safety**.

Project Manager. COSIDER (Construction Company, Europe- North Africa)- Permanent **1987-1990**

- Managed University **Construction Project (Built area 80,000 square meters)**.
- Applied Technical Specifications and General Conditions to match local seismic requirements, including roads, sewers, and water treatment for the entire complex.
- Negotiated bids leading to **selection of prime Contractor** and subcontractors.
- Planned, updated and managed Project's budget.

[REDACTED] **Ing., P. Eng., Bsc appl.,ThM.**

Spoken Languages : French , English, Italian , Spanish

Written Languages : French, English, Italian, Greek, Hebrew, Elements of Spanish

Management softwares : Microsoft office, MS Project, Primavera P6

Bentley Softwares: SewerCad, StormCad, CivilStorm, Hammer, Watercad, Pondpack, Watergems, Sewergems, Inroads, Civil 3D, BIM

Other softwares: XPSWMM, Microstation, SAFI, ROSA, Mike 11, Feflow, Modflow

Work Assets: Leader, integrity, thorough, self control, stamina, organized, problem solving-communication skills, diplomat, discernment, dynamic, motivated, open to new challenges, fast learner, proactive, systematic planner, result oriented, multicultural, intl.

PROFESSIONAL PROFILE

[REDACTED] is an International Professional Engineer, a senior project and construction manager in heavy civil works, and business developer with 18 years overall experience in Highway and Tunnel, Hydraulic and Environmental Engineering, Buildings and Industrial plants, and Energy. He also brings excellent communicational skills and a positive attitude to his work. He worked at every level of a project: Contract administration, project management, cost controls, design, procurement, construction management, and environmental assessment studies. His main areas of expertise are Road Construction Projects and Integrated Water Resources Management (IWRM). He has been involved on large transportation projects (highways, harbor, airport, energy, transmission power lines), urban infrastructures (potable water supply, sewage, storm water and flood management, urban roads), process engineering design (Water and wastewater treatment, desalinization plant), dams, and integrated solid waste management. He is familiar with commercial and industrial structures, concrete and structural steel buildings, tunnels and trenchless construction, bridges and overpass, tourism and land development projects. He managed few important Environmental studies in Canada and overseas in the areas of hydrocarbon decontamination programs in Oil & Gas producing countries using either bioremediation or physicochemical treatment.

He is familiar with International Projects, and international business development. He is committed to sustainable development and Millennium Goals, has traveled in Africa (Algeria, Tunisia, Senegal, Mali, Gabon, Benin, Nigeria, Cameroun Rep. of Congo, DRC, Tanzania), Eastern Europe (Sweden, Poland, France, Italy, UK, Portugal), and Latin America (Brazil, Mexico) for environment, urban infrastructures and integrated water management. He is familiar with procurement methods of multilateral and bilateral donors, International financing organizations such as World Bank (WB), African Development bank (AFDB), Inter American Development Bank, European Bank for Reconstruction and Development (EBRD), the Canadian International Development Agency (CIDA), other agencies (UN, UNDP, US Aid, FAO, IFAD) and economic leaders (International Monetary Fund, Conference of Montréal). He also prepared study reports on legal framework, financial and economic studies, social development and gender issues integrated to the engineering projects, and knows financial mechanism. He has done complementary studies in Social development, Chemistry, Business administration and done other technical trainings.

FIELD OF EXPERTISE

- Project Management : National and International (\$200M +), EPC, EPCM Projects
- International business development : Partnership, Joint Venture, MOU
- International proposals: Writing, managing teams, terms of reference.
- Construction Management: Transportation, Water & Wastewater plants, Maritime
- Contract administration and cost control: Budgeting, change orders (COs)
- International financing mechanism: Feasibility studies, project construction
- Human resources Management: Leadership , motivation , wisdom, team development
- International Contract negotiation with foreign governments.
- International sustainable development approaches in urbanism for Large Cities
- Design Hydraulic: Storm water, potable water supply, sewage
- Design Water Treatment: Desalinization plant, water/wastewater treatment methods
- Design in Transportation: Urban roads and highways, including accessories
- Design of energy transport power lines: reinforcement, equipments.
- Environmental studies: Oil & gas, mining, road, commercial and sanitation projects
- Professional communicator, mentor and teacher in the technical and social areas.
- Multi sector leader : Tourism, Architecture, Infrastructure, Transportation
- Personal counseling and help to good governance
- Social development in urban and rural areas according to Millennium goals.
- Cross cultural relationships and integration of the civil society.

SPHERES: PROJECT & CONSTRUCTION MANAGEMENT

- Hydrology & Hydraulic: Dams, Floodplain, Flood control design (Stormcad, Pondpack), desalinization plant (ROSA), potable water supply (XPSWMM), pumping station, water management and reuse.
- Sanitation : Design and management of sewage systems for large cities
- Water/Wastewater treatment: Design and construction management for WWT plants. Treatment methods for small and large footprints. (Sewer Cad, ROSA)
- Hydrogeology: Decontamination of underground water (Feflow) in oil & gas; supply in agriculture. Leachate collection and treatment.
- Transportation: Highway, airport, harbor, urban transportation (Inroads)
- Urban Infrastructures: Building, roads, sidewalks, potable water supply.
- Land development: New cities, residential, parks, golf course, esthetic ponds.
- Structural engineering: Concrete and steel structure applied to buildings and industrial plants. Good knowledge of construction materials and testing methods.
- Concrete: Heavy Civil, piling, buildings, water reservoirs, large piping, overpass
- Soil Mechanics : Slope stability, foundation design , QA/QC, materials (Geoslope)
- Solid waste management: Dumpsite rehabilitation , integrated approach, leachate treatment, sanitary landfill, geological studies, physicochemical and bioremediation.
- Energy and Electric Power lines : Design for reinforcement of distribution lines, pole stability, anchoring methods (HQ software), dam design and construction
- Environment : Environment impact assessment, mitigation measures, Phase I, Phase II and Phase III environmental projects, decontamination program in oil producing countries and for building transactions (Feflow, Modflow).
- Tunneling: TBM, NATM for roads and water intake pipes, trenchless technology.
- Social development and training : Teaching, mentoring in technical and social studies
- Gender issues: Writing reports and counseling on gender development in developing countries and multidisciplinary projects.
- Financing mechanisms : Multi-sectorial and multilateral financing, P-P, BOT,BOOT
- Governance and Ethics : Legislative recommendations, ethics and applications
- Leadership : Lead multi sectorial and integrative urban projects.

- Modifications to the existing 8 sedimentation tanks to house pre-purchased membrane filtration system.
- Construction of concrete building additions to house the ultra filtration membrane system related pumps and associated piping and equipment, the electrical equipment, and the chemical feed systems. Includes sheet piling, anchoring system, and dewatering.
- Modifications to the existing hydraulic flocculation tanks (conversion to pre-equalization tanks preceding the membrane system and provision for future enhanced coagulation process).
- Upgrades to the existing GAC/Sand filters (to be converted to GAC contactors for taste and odour removal) including installation of pre-purchased GAC media.
- Upgrades to the chemical systems (pre-chlorination, chlorination, de-chlorination, polymer, coagulation),
- Installation of 16 trains of pre-purchased ultra filtration membrane system, eight reactors of pre purchased UV system for disinfection and advanced oxidation system for taste and odour control, including chemical resistant coatings.
- Installation of four reactors of pre-purchased UV system for disinfection on the effluent piping of Filters Nos. 9-12

**2008-2009 SENIOR PROJECT MANAGER
HIGHWAY EAST-WEST, ALGERIA**

**TEKNIKA-HBA
(400 Km, \$ 5 000 M)**

Project expert in highway engineering for one major contract subdivided in 7 road construction sub-contracts between Setif (Algeria) and the frontier of Tunisia, Annaba. The project crosses Algeria from east to west. Coordination of 7 camp supervisors over the 400km highway road work. Responsible for quality control standards for the highway and hydraulic infrastructures: Earthworks, road foundations, layers of grave cement, asphaltic pavement. Technical and design support during construction for the Japanese consortium. This project integrates the construction of many bridges (27), overpasses (117), tunnels (4), and other major road installations. The job also necessitates high communication skills and diplomacy in dealing with such diverse cultures (Japanese and Algerian), and languages (French, English, Arab, Japanese).

- Maintains a working relationship with the client, Algerian highway agency (DPN), and the contractor (COJAAL from Japan) at the main headquarter (Constantine) and for each camp.
- Provides technical advice concerning difficult cases of drainage, soil stabilization, differential settlement and other matters related to large embankments for highway design and overpass-bridges.
- Construction supervision and approval of road and hydraulic infrastructures. These elements include the stormwater management facilities, spillway, drainage systems, weephole, large pipe installations, provisional diversion of brooks and rivers, sedimentation and detention ponds in the context of arid areas (North Africa).
- Road design revision and seal approval of bearing plate soil tests on road platforms, for foundations, concrete and asphaltic materials, and road reinforcement
- Highway in grave-cement 0-31,5 sub base (GC-3): Approval of the formulation and the construction method for the preparation and the putting in place of GC-3, and for sub-foundation and asphaltic pavement.
- Approval of laboratory analysis for soil and concrete: Compressive tests, indirect traction test, modulus of elasticity, soil sieve, Los Angeles and Microdeval tests
- Recommendations concerning slope stability for major cuts, the settlement of large embankments on sensitive soils (30m), and other geotechnical studies.
- Preparation of administrative and technical reports for the client (COJAAL) and the Algerian authority (DPN).

2002- 2008 INTERNATIONAL PROJECT DIRECTOR , GROUPE SOLROC WATER AND ROAD INFRASTRUCTURES, AND ENVIRONMENT

Head of the international department and business development in Canada, Africa, and Europe: Supervision of the design team, writing of proposals, project and contract management. Urban infrastructure design (potable water supply, desalinization, wastewater treatment plant, IWRM, roads, solid waste) for a consulting engineering & environmental firm from Montreal. Write social, legal, and financial studies (Public-private partnership), do environmental assessment, and guides the design of all major urban infrastructures for land development. Major duties are planning, staffing, scheduling, budget management, quality control, safety, and coordination of subcontractors and internal technical and support staff. He also prepared and managed ESA environmental studies (Phase I, II, III), and prepared decontamination programs for oil refineries overseas. Some major studies and projects are:

- Feasibility study and design for a Tourism (land) development project and creation of a new community, Zemmouri, Algeria (Project: US\$250M) (2002-2003)
- Diplomatic relation with the Algerian government and the client (EPLF): Negotiation
- Environmental impact studies on seawater pollution and sand dunes along the Mediterranean Sea due to tourism resort, Algeria
- Water: Desalinization plant preliminary design, masterplan and environmental studies,
- Sanitation: Design in Integrated wastewater treatment plant with reuse in agriculture
- Road infrastructure studies for the creation of a new city in Algeria
- Environmental and civil engineering training seminars of Algerian leaders, Boumerdes
- Wastewater collection and treatment plant preliminary design, Libreville, Gabon (Project Cost US\$ 80M+): CAD design and monitoring of other studies (2004-2006)
Design based on domestic, commercial and industrial discharges: Use of GIS.
Diplomatic relation and business development with Government Ministries of Gabon
- Hydrological and hydraulic studies for storm water sewers and flood management in Libreville, Gabon (2004-2005)
- Road design for accompanying infrastructures in the main parts of the projects, Gabon
- Financial, social development and economic studies related to the project in Gabon
- Rehabilitation study for MToni Solid Waste dumpsite, Tanzania (US\$ 10M) (2004):
Hydrogeological studies, lixiviate treatment, and gas monitoring, geomembrane and reinforcement of sensitive soil, Dar Es Salaam, Tanzania.
- Urban renovation proposal of Rebeusse quarter, Dakar, Senegal
- Post Tsunami mission and environmental proposal, Colombo, Sri Lanka
- Geotechnical Berm Rehabilitation proposal and feasibility study for the Niger River and for innovative recreational vocation, Bamako, Mali (2007-2008)
- Environmental studies and decontamination programs for oil companies, Port Harcourt, Nigeria (2006-2008): AGIP, Shell, NDDC.
- Environmental study proposal for NORM (Natural radioactive materials), and asbestos, in petroleum platform, Nigeria
- Integrated water management and wastewater treatment study for Kinshasa with a focus on sanitation, RDC (2007-2008)
- Establishment of a Nigerian-Canadian partnership for the construction of housing facilities in Kinshasa, DRC (2008)
- Opening and supervision of a foreign business office in Algiers, Algeria (2006-2008)
- Environmental management projects in Algeria: Soil and groundwater decontamination process for a refinery Naftec in Algiers and Skikda (2008)
- Earth dam slope stability and water supply studies in Northern Algeria (2008)

**2001-2002 PROJECT MANAGER: AIRPORT AND HIGHWAY, TRANSPORT
DEICING CENTER OTTAWA AIRPORT- HIGHWAY 15, MTL
DESSAU-SOPRIN (\$ 15-29M)**

Construction management on some important transportation projects in Canada: Deicing Center at Ottawa International Airport (\$18M), and modification to Highway 15, Montreal (\$ 29M). Onsite construction management of airport structures, hydraulic redesign, highway infrastructures and superstructures with high pressure and tight schedule constraints (during September 11 2001). This implies thorough knowledge of airport and highway regulations, sewage and storm water management, glycol treatment, electrical lightning, SCADA, communication systems, mechanical installations, civil works, remote control technologies, cost control, supervision of QA/QC for soils, concrete and asphalt pavement, control buildings for airport and large traffic circulation, structural elements, and other issues related to these projects.

**2000-2001 SENIOR PROJECT MANAGER HYDRO-QUEBEC (HQ) POWER
DOUCET& ASSOCIÉS EXPERTS-CONSEILS**

Contract management, participation and supervision of design team on Hydro Quebec (HQ) power lines reinforcement projects against the negative effects of ice storm for the province of Quebec. This implies the CAD design of anchors, stability poles, and the electrical appliances (transformers, generators, etc) necessary for the energy distribution in large cities and rural areas. Development of the common use of telecommunication companies appliances on distribution power lines. Preparation of proposals and contract documents, perform technical visits, verify and approve all designs, and maintains good communication with the clients and various partners (Bell Canada, Videotron cable, Ministry of transportation, Canadian National Railways). He insures the respect of HQ legal and technical regulations, CRTC standards, and all other provincial and national regulations. Here are some examples of projects:

- Reinforcement of the HQ electric distribution lines, 15 Km, Varennes, Quebec
- Reinforcement of the HQ electric power lines, 17 Km, Bedford, Quebec
- Design for the stabilization of 2000 Km of Hydro- Quebec distribution lines in Quebec.
- Design of underground telecommunication power lines in concrete ducts, Montreal

**1997-2000 PROJECT ENGINEER, URBAN INFRASTRUCTURES
BMST RICHELIEU EXPERTS-CONSEILS**

Cost estimation, CAD Design, project and construction management for urban infrastructures and land development projects on the south shore of Montreal. He prepares tender documents and drawings. He designs civil engineering works: Concrete structures, PVC and concrete water supply, stormwater and sewage system (drawings, profiles, master plan), water mains, drainage, road design and other necessary works. He supervises preliminary studies, topographical surveys, subdivision, site and grading plans. He prepares the tenders and writes specifications for contractors. Cost estimation for the necessary equipment and materials used during construction. Organization of the various teams involved in the project. Here are some examples:

- Design, drawings and profiles for new drainage and water infrastructures, L'Acadie
- Construction management: Road, water, sewage, electrical system, new urban projects.
- Civil works for an industrial park, Ste-Hilaire: Potable water, sewers, and road utilities.
- Water supply and sanitation for many suburbs of Montréal (\$ 5M).
- Shopping center, Iberville, Quebec (\$2,5M)
- Residential development, South shore of Montreal (\$ 2-7M)
- Ministry of Transportation projects: National Roads, Brossard, Chambly (\$ 7M)

1990-96 MANAGER AND LEADER OF COMMUNITY GROUPS

Program administration for large non profit organizations. Participation to social and character development of youths and adults. He teaches, and offers counseling in matters of ethics, discernment, and healthy business practices. This requires high intellectual abilities and a scholarly mind. Performed seminars on time management, leadership, creativity, ethical success, character development, and other subjects related to the personal growth. Here are some examples:

- Conference speaker: Success, leadership, Morality, Priorities, and personal development
- Management with distressed people: Faith, determination, work, patience, integrity.
- Personal advisor to businessmen and professionals: Wisdom, ethics, time management
- Ability to create and lead small group discussions: Organization, interpersonal, problem
- Social studies on community development.

1985-1987 RESIDENT ENGINEER **CIMA+**
WASTEWATER TREATMENT PLANT **STE-AGATHE (\$7M)**

Construction management for the wastewater treatment plant in Ste-Agathe-des-Monts, an activated sludge process including pretreatment chamber, aeration basins, clarifiers, sedimentation basins, dehydration, UV disinfection, chlorine control, main concrete buildings, and access roads inside the plant complex.

This involves all the architectural elements, structural works, SCADA, electricity, civil works, mechanical equipment, process equipment, chemical dosing, quality & cost controls. The project was done in 1 year. We had to take additional precautions during the winter season due to the cold temperature.

1983-85 RESIDENT ENGINEER : HARBOR **BBL CONSULTING**
RENOVATION OF THE OLD PORT OF MONTREAL, MCGILL-BERRI

Contract management and cost control for 2 projects concerning the renovation and extension of the Harbor–The Old Port of Montreal: Construction of two new docks, aesthetic basins, industrial sheds, 3 levels decorative steel buildings, landscaping, harbor roads, sidewalks, footbridge, water supply, drainage and sewage system, pumping station, electrical lightning, and other items for the harbor facilities. (US\$ 25M)

This was a high pressure national project with many obstacles: High water table, hidden concrete masses, old electrical infrastructures buried in the soil, unacceptable natural clay soil for backfill, high volume of traffic circulation. This position asked for rapid decision making abilities and a clear mind.

1982 CIVIL ENGINEER **MINISTRY OF ENVIRONMENT OF ONTARIO**

Environmental studies for the MOE; impact assessment and reports for large industrial projects in Toronto and Ontario: Anti pollution system for the smelting furnace of INCO (nickel refinery). This involved evaluating processes which would limit the effects of acid rain in the midst of international competition, legal regulations, and economic pressures. Recommendation concerning appropriate regulation on acid rain and green house gases.

1981 ROAD ENGINEER **MINISTÈRE DES TRANSPORTS DU QUÉBEC**

Studies and construction management of MTQ road construction contracts according to standards. Provide QA/QC, Compaction tests, Marshall tests, road safety tests. Evaluation of the safety conditions of the curves on road 132, and the new highway norms.

DIPLOMAS & ACADEMIC TRAINING

- 1987-90 Master in theology, Dallas Theological Seminary, Dallas, Texas
- 1979-83 Bachelor ès Science, Civil Engineering, Université Laval, Ste-Foy, Quebec
- 1984 Business Administration : 21 credits, Université Laval, Ste-Foy, Quebec
- 1978 Biochemistry : 30 credits, Université de Sherbrooke, Sherbrooke, Quebec
- 1977-78 Diploma Collegiate Studies : Health sciences, Cégep St-Jean sur Richelieu

OTHER STUDIES, TRAININGS AND PARTICIPATIONS

- 2009 Workshop on Hazardous Materials in Construction Site (WHMIS) AECOM
- 2009 Training in advanced project management of large projects (PMP), AECOM
- 2009 Workshop on work in confined spaces, AECOM
- 2009 Training on Health and safety matters, AECOM
- 2009 Training in first aid, St- John's Ambulance, AECOM
- 2009 Workshop in Quality Management systems, AECOM
- 2009 Safety Leadership Training on large Projects, AECOM
- 2009 Due Diligence for Management of Contracts under OHSA, AECOM
- 2008 Additional Training on Dam design and construction management (CB)
- 2007 Preparation for effective market studies, WTC Montreal
- 2007 Conference of Montreal: Economy in an uncertain World
- 2007 International financial mechanisms: Financial Options (WTC)
- 2006 World Water Week: Transboundary basin management and IWRM, Stockholm
- 2006 World Water Forum, World Water Council, Mexico
- 2006 Conférence de Montréal: Forum des Amériques, Économies internationales
- 2005 How to work with International financial institutions (World Trade Center)
- 2005 Capitalize on hydraulic projects in developing countries (WTC)
- 2005 Mission on Post Tsunami reconstruction Sri Lanka (WTC)
- 2005 World Water Week: World Challenge in Integrated Water resource management
SIWI, Stockholm
- 2005 World Bank mission in environment and urban infrastructure (WTC)
- 2005 Conflict resolution for the change rate in International projects (WTC)
- 2004 Business dealings with the Netherlands (WTC)
- 2004 How to work with EBRD in Bulgaria and Romania.
- 2004 Participation at the Conference of Montréal in infrastructures and sustainability
- 2004 Comprehension of the international commerce regulations (OMC).
- 2004 Training in Hydraulic modeling for storm and sanitary sewers, Haestad, Athens
- 2004 Training in Hydraulic modeling for Hammer and high pressure pipes, Haestad
- 2005 Training in Hydraulic modeling for potable water supply, Haestad, Montréal
- 2003 Environnemental Exposition, Pollutec : Presentation of papers, Paris
- 2003 Environment Training for civil officers, Alger
- 2003 Vitrine commerciale, Fortaleza : Presentation of company, Brazil
- 2003 Environment Fair, Poznan, Poland
- 2002 Training in desalination water treatment plant projects (IWA)
- 2002 Training in retrofit design for wastewater treatment plant. (IWA)
- 2001 Special training in Ministry of Transportation standards
- 2000 Training in CAD Power line modeling and structural stability, Hydro-Québec
- 2000 Training for underground electrical ducts construction norms. (Bell Canada, HQ)
- 2000 Training in SAP computer modeling
- 1997 Training in the use of testing material equipments
- 1982 Academic training in river hydraulics and dam design

- 1983 Modeling of Harbour and sea walls behaviour against tidal waves
- 1982 Academic training in structural design for steel and concrete structures
- 1982 Academic training in geotechnical studies: foundations and retention walls.

OTHER PRESENT AND PAST AFFILIATIONS

- Member of the Order of Engineers of Quebec (OIQ)
- Member of the Professional Engineers of Ontario (PEO)
- Member of International Water Association (IWA)
- Member of the American Water Works Association (AWWA)
- Member of Global Water Partnership, Stockholm
- Member of World Water Council (WWC)
- Member of the Canadian Society of Civil Engineering (CSCE)
- Member of the urban team, Sustainable Cities Initiative (SCI)
- Member of the Conference of Montreal (COM)
- Member of Forum Francophone des Affaires (FFA)
- Member of the World Trade Center Montreal (WTC)
- Member of the Chamber of Commerce Canado-Tunisian (CCCT)
- Member of the chamber of commerce Canada - Poland (CCCP)
- Training in Hydraulic software, Haestad methods
- Training in Hydro-Quebec computer software.
- Participation of World Water Week (Stockholm)
- Participation at World Water Forum (Mexico)

INTERESTS

- Reading on major large scale engineering works and superstructures: Buildings, transportation, dams, harbours, water and wastewater treatment, etc.
- Interest on large construction and architectural projects, and multidisciplinary works: Foster, Calatrava, Rogers, Piano, etc.
- Readings on water management
- Community development and millennium goals in developing countries
- Sports: Soccer, tennis, hockey, running, swimming, cycling.
- Interest in the Specialty coffee business

THOUGHTS

``Success: To laugh often and much, to win the respect of intelligent people and the affection of children, to earn the appreciation of honest critics and endure the betrayal of false friends, to appreciate beauty, to find the best in others, to leave the world a bit better, whether by a healthy child, a garden patch, or a redeemed social condition; to know even one life has breathed easier because you have lived. This is to have succeeded!`` Ralph Waldo Emerson

``Success is not only measured at heights attained but obstacles overcome`` Unknown

``Success is not final, failure is not fatal; it is courage to continue that counts`` Churchill

`` Success: Patience, persistence and perspiration``. RV.

Scott O'Brien, P.Eng.



Core Skills

Project Management
Technical and Management Coordination
Contracts Negotiation and Management
Multi-Disciplinary Problem Resolution
Management Systems Development
Marine Construction Program Execution
Subsea Engineering Solution Development

Education

Master of Ocean Engineering Memorial University of Newfoundland
Bachelor of Engineering (Civil) Memorial University of Newfoundland

Registration

Professional Engineers & Geoscientists Newfoundland & Labrador (PEG-NL)

Summary: Experience / Work History

15 years continuous project execution experience on East Coast Canada mega-projects in progressively responsible roles.

Employment History

2010 - **Facilities Engineering Advisor**
 Present Chevron Canada, St. John's NL

- Provision of project specific support in areas of GBS design and construction, subsea engineering, project controls, subsea equipment fabrication and installation for Chevron's East Coast Canada projects
- Provision of management system support including business process development for Chevron's East Coast Canada activities
- Provision of commercial and technical oversight of ongoing non-operated projects in Eastern Canada

2006 - **Flowlines and Installation Manager, SeaRose Tieback Project**
 2009 Husky Energy, St. John's NL

- Responsible for delivery of a \$350,000,000 CAD subsea installation including design engineering, manufacturing and installation
- Managed a team of technical and commercial professionals in stewarding the project delivery on schedule and on budget

Scott O'Brien - CV

- Responsible for management and technical and commercial oversight of both project primary EPCI contract and subcontractors for scope delivery
- Responsible for contracts negotiation for project primary EPCI contract, glory hole construction and miscellaneous support contracts
- Responsible for delivery of installation and pre-commissioning technical solutions for subsea tieback project including installation solutions evaluation, installation planning and technical documentation through FEED, tender and project execution
- Managed subsea flowline delivery and installation, tie-in and pre-commissioning of all subsea equipment for tieback project including installation of flowlines, risers, umbilicals, and subsea hardware; glory hole excavation and rock dumping campaigns

2005- 2006 Project Manager, Terra Nova Moorings Remediation Project
Petro-Canada, St. John's NL

- Responsible for delivery of a \$60,000,000 CAD brown field subsea repair project
- Responsible for project execution and delivery including budget stewardship, engineering evaluation and execution of ROV and diver campaigns for inspection and repair
- Managed an inter-disciplinary team comprised of both contractor and owner personnel for project execution
- Responsible for contract negotiation and ongoing management for engineering services, equipment fabrication and offshore construction for project scope

2004 -2005 Subsea Facilities Lead, East Coast Engineering and Technology Group
Petro-Canada, St. John's NL

- Responsible for technical and commercial management of a \$75,000,000 CAD contract for delivery of subsea hardware, including Xmas trees, manifold systems, control system components and miscellaneous supply for the Terra Nova project
- Responsible for negotiation of a \$150,000,000 CAD frame contract for long term delivery of subsea equipment for Eastern Canada operations
- Responsible for SURF systems engineering to support subsea projects including concept development, FEED and contracts management
- Responsible for subsea project support to Terra Nova asset including solution development, contracts management, risk evaluation, technical studies and implementation of marine construction programs

2003 Flowlines, Risers and Umbilicals Lead, Terra Nova Far East Development
Petro-Canada, St. John's NL

- Responsible for development of contract documentation to support tender of flowlines, risers and umbilicals EPCI contract for Terra Nova Far East development
- Responsible for FEED for subsea tieback development including all flowlines, risers and umbilicals supply and installation scope
- Supported development of project procedures including mechanical completion requirements, document delivery requirements and project interfacing requirements

Scott O'Brien - CV

2002 - 2003 Terra Nova PBSJ Repair Campaign Task Force Lead
Petro-Canada, St. John's NL

- Responsible for repair of a failed in-line subsea flowline weak link connection
- Responsible for development of an ROV-based solution including forensic investigation of root cause, solution evaluation, detailed engineering, full-scale prototype testing, and execution of installation campaign offshore
- Responsible for negotiation and daily management of all third party engineering, testing and fabrication contracts to complete workscope

2002 – 2004 Subsea Facilities Engineer, East Coast Engineering and Technology Group
Petro-Canada, St. John's NL

- Provision of technical operational and project support to Terra Nova Development subsea team
- Responsible for engineering and technical studies in support of future field development activity for Petro-Canada
- Provision of engineering support including contract negotiation, scope development and execution support for post start-up rock dumping campaign at Terra Nova

2001 - 2002 Engineering Lead, Subsea Connector Project Group, Terra Nova Project
Petro-Canada, St. John's NL

- Responsible for engineering activity including root cause investigation, materials investigation, solutions development for failed subsea flowline and Xmas tree connector repair campaign
- Responsible for engineering support for offshore construction campaign execution including change management, acceptance criteria development and operational query resolution
- Liaison with the Certifying Authority and regulatory authorities through approvals process for subsea connector repair program

2001 Engineering Lead, Marine Operations, Terra Nova Project
Petro-Canada, St. John's NL

- Responsible for Terra Nova second phase offshore flowline and umbilical tie-in scope including contract negotiation, installation engineering approval, offshore construction campaign execution, documentation delivery and project closeout
- Responsible for resolution of engineering issues associated with design and fabrication and installation of Terra Nova flexible risers, flowlines and umbilicals including liaison with the Certifying Authority for Terra Nova subsea installation

1999 – 2000 Subsea Engineer, Terra Nova Operations Group
Petro-Canada, St. John's NL

1997 – 1999 Support Engineer, Technical Integration Group - Terra Nova Project
DORIS Development Canada, St. John's NL

Publications

O'Brien, S. (2005). **Subsea Developments in Extreme Ice Environments**, *Proceedings from Russian Arctic Offshore Conference*, St. Petersburg.

O'Brien, S (1997). **Behaviour of Pipelines in Dry Sand Under Lateral Loading Conditions**, Graduate Thesis, Memorial University of Newfoundland.

Timco GW and O'Brien S (1994). **Flexural Strength Equation for Sea Ice**, *Cold Regions Science and Technology*, No. 22, pp.285-298.

Please complete the following in order to qualify for submission with the client

Job Summary – Area Manager Dams & Spillway
<p>Education:</p> <p>Engineering Degree?: Yes</p> <p>B. Sc. Civil Engineering and Master level courses in Construction Management OR</p> <p>Equivalent combination of education and experience:</p>
<p>Experience:</p> <p>15 to 20 years project management in a senior position on major projects:</p> <p>I have 27 years solid project management and construction management experience on major construction projects in USA, Saudi Arabia, Iraq, Pakistan and Nigeria. My experience on heavy construction projects is in oil and gas, power, water, infrastructure, industrial, buildings, airports, rail, road, bridges, housing, military bases, man camps, and security. I have worked on senior management positions for more than 20 years. I have worked as executive engineer, chief engineer, site manager, construction manager, resident manager, project manager, program manager, vice president, department head, and managing director. All these positions I held through my career were senior management positions. I have managed US\$ 1.8 billion Iraqi Reconstruction Program for US Government as owner's representative.</p> <p>Cost and schedule drivers associated:</p> <p>Integrated Cost / Schedule Risk Analysis using Risk Drivers</p> <p>Experience in leadership during engineering, procurement and construction:</p> <p>I have over 20 year's leadership experience during engineering, procurement and construction. I have been providing operational leadership, through execution of the company's strategic plan. Managing all hands-on operational aspects of business development. Ensuring best practice across all business functions, including Operations and Technical, Financial, Investment, Human Resources, Administration, IT, and Business Development. Ensuring achievement of growth, profitability, efficiency and development targets. Analyzing company operations and functional performance to identify opportunities for improvement. Overseeing planning and implementation of operating budgets. Optimizing revenue through careful planning, budget management and cost control. Balancing competing priorities/requirements of different business functions and projects, facilitating resolution of issues. Managing external relationships, including dispute resolution. Managing and developing direct reports. Motivating and leading a high performance team by attracting, recruiting, and retaining required team members, consistent with company values. Identifying, negotiating and managing out sourcing, international teaming partners for mega projects. Acting as lead "client-care officer" through direct contact with every client and partner. Foster a success-oriented, accountable environment within the company. Represent the firm with clients, and business partners.</p> <p>Additional Comments To Qualify Candidate:</p> <p>I am Canadian and US Citizen (possess dual citizenship). I have valid Canadian and US passports. I am well travelled around the world. I speak multiple languages like Urdu, Punjabi, Hindi, Arabic, and English. I understand different cultures and customs of the world. I am people person. I have living and working experience on remote camps / sites, hostile areas, war zones, urban areas and big cities. I am willing to travel, and relocate. I will be available at very short notice.</p>