



Timothy Harrington, P. Eng

EMPLOYMENT HISTORY:

2007 – Present

The Cahill Group of Companies

September 2016 - Present

Project Manager

Maritimes Link Project – Site Locations Woodbine AC Substation Expansion, Woodbine HVDC Converter Station, Bottom Brook HVDC Converter Station (St. John's & Stephenville Newfoundland, Sydney Nova Scotia)

Senior manager of project operations for installation works at the Woodbine and Bottom Brook transmission stations as part of the Maritimes Link Project.

- Selection and management of all project personnel staff both on-site and head office.
- Coordinating and managing project operations including execution plan development, schedule, finance / budget plan, trade resources, etc.
- Liaison with client representatives of all project matters including commercial and contract.
- Subcontract management with Cahill specialized vendors.
- Reporting to all project stakeholders (internal and client).

March 2015 – August 2016

NECL – Apply Leirvik Partnership (NEAL)

Project Manager

Hebron Living Quarters Project – Engineering, Procurement, Construction (Bull Arm Newfoundland)

Acting senior manager for all NEAL project operations of the Hebron Living Quarters; Bull Arm fabrication site, St. John's head office, and offsite fabrication facilities.

- Senior manager representative for all NEAL project personnel staff and trade including construction management team, procurement, engineering/design, Labour Relations, etc.
- Liaison with client representatives of all project matters in including site operations / demobilization, project resources, schedule progress, contract relations, mechanical completion and Documents For Operations (DFO) turnover.
- Lead for all contract and business related matters. Oversight of NEAL commercial team and change management process. Facilitating contract close out with client and project owner.
- Managed demobilization of all project operations including staff and work site.

- Reporting fabrication and project performance / progress to the all Project Sponsors (internal and external).

November 2015 – February 2016**NECL – Apply Leirvik Partnership (NEAL)****Deputy Project Manager****Hebron Living Quarters Project – Engineering, Procurement, Construction (Bull Arm Newfoundland)**

Acting senior manager for NEAL's Bull Arm construction operations of the Hebron Living Quarters and designated deputy to the NEAL Project Manager.

- Senior manager representative for all NEAL staff and trade personnel on site (900+) including construction management team, procurement, engineering/design, Labour Relations, etc.
- Liaison with client representatives of all Bull Arm work site matters in including site operations, project resources, schedule progress, contract relations, etc.
- Lead for all contract and business related matters. Oversight of NEAL commercial team and change management process.
- Reporting fabrication and project performance / progress to the NEAL Project Manager and all Project Sponsors (internal and external).

October 2013 – October 2015**NECL – Apply Leirvik Partnership (NEAL)****Project Controls & Commercial Manager****Hebron Living Quarters Project – Engineering, Procurement, Construction (St. John's & Bull Arm Newfoundland)**

Project controls, contract, and commercial lead for Hebron Living Quarters EPC Project. Current job responsibilities include:

- Coordinating and supporting all project control processes; schedule development / management, resource planning, progress measurement, performance monitoring / reporting, quantity surveying, cost control, project invoicing, vendor payables, etc.
- Acting NEAL lead for all contract and business related matters. Liaison with client representatives to address commercial issues as they arise.
- Management and coordination of all formal project reporting to client.
- Lead for preparation of all project cost forecasting / monitoring / reporting for Project Sponsors.
- Prepare and manage all project formal correspondence / letters for NEAL Project Manager.
- Change management coordination; including change order development / estimating, new contract scope integration, price negotiations with client, etc.
- Direct supervisor for various NECL project personnel including cost engineers, administrative staff, payroll department, project accountants, schedulers, and quantity surveyors.

November 2012 – October 2013
North Eastern Constructors Ltd. (NECL)
Project Controls Lead – Husky Gas Injection Expansion Project (St. John’s Newfoundland)

Project controls and commercial coordinator for NECL’s fabrication of subsea modules for Husky Energy’s developing White Rose Gas Injection expansion project. Current job responsibilities include:

- Managing all project cost control processes.
- Coordinating schedule development / management.
- Acting Deputy Project Manager for NECL.
- Preparing formal commercial / contract correspondence.
- Preparing and managing Cahill subcontracts.
- Responsible for job progressing for monthly client invoicing.
- Preparing cost estimates and change orders for revised contract work scope.
- Preparation of regular project expenditure reports and cost forecasts.

March 2010 – October 2012
GJ Cahill & Company Ltd.
Deputy Project Manager / Engineering & Controls Lead – Manitoba Hydro Wuskwatim Generating Station (Thompson, Manitoba)

DPM / engineering & Controls lead for GJ Cahill at the Manitoba Hydro’s new Wuskwatim Generating Station. Job responsibilities include:

- Supporting and managing installations of station electrical and mechanical systems; power distribution, cable tray, fire alarm, building security, Isolated Phase Bus, HVAC, piping systems, station control systems, etc.
- Managed project engineers, planners, and cost controllers.
- Schedule development / management.
- Prepared technical queries, Requests for Information (RFIs), documenting design problems for client review. Worked closely with Manitoba Hydro engineers to resolve installation and commissioning issues.
- Preparing formal commercial correspondence between GJ Cahill and Manitoba Hydro as well as correspondence between GJ Cahill and its subcontractors.
- Negotiating, preparing and managing all Cahill subcontracts.
- Responsible for job progressing for monthly client invoicing.
- Preparation of “As-built” and “Red-line” engineering drawings for client turn-over documentation.
- Preparing cost estimates and change orders for revised contract work scope.
- Preparation of regular project expenditure reports and cost forecasts.

June 2008 – February 2010**North Eastern Constructors Ltd. (NECL)****Project Coordinator – Husky North Amethyst Project (St. John's & Bull Arm, Newfoundland)**

Project controls and commercial coordinator for NECL's fabrication of subsea modules for Husky Energy's developing North Amethyst Project (White Rose Oil Field expansion). Job responsibilities included:

- Helped manage and support the application of specialized thermal insulation for all subsea production piping systems.
- Negotiating, preparing and managing all NECL subcontracts.
- Preparing formal commercial correspondence between NECL and client Husky Energy as well as correspondence between NECL and its subcontractors.
- Responsible of job progressing for monthly client invoicing.
- Preparing cost estimates and change orders for revised contract work scope.
- Preparation of regular project expenditure reports and cost forecasts.

March 2007- June 2008**Cahill Industrial Ltd., St. John's NL****Project Engineer – CNRL Horizon Project, Froth Treatment Plant Project (Fort McKay, Alberta)**

On-site engineering support for Cahill Industrial during construction of the Froth Treatment facilities at Canadian Natural Resources Ltd (CNRL) Horizon Project (Phase 1). Job responsibilities included:

- Supported and trouble-shooted installations of all power distribution, cable tray, electrical heat tracing (EHT), Delta-V DCS, PLC, instrumentation, HVAC, CCTV, and fire alarm systems at the Froth Treatment facility.
- Prepared technical queries, Requests for Information (RFIs), and Field Trouble Reports (FTRs) documenting design problems for client review. Worked closely with design consultant SNC Lavalin engineers to resolve installation and commissioning issues.
- Preparation of "As-built" and "Red-line" engineering drawings for client turn-over documentation.
- Developed and managed Cahill's cable management database for tracking and documented of all cable installations throughout the Froth site.
- Preparing change order documents and cost estimates.

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May 2003 –2007**Instrumar Ltd., St. John's NL****Systems Engineer – Attalus Fiber System Division**

Member of Instrumar's Systems Engineering group for the Attalus Fiber System division.

Job responsibilities included:

- Provided project management, commissioning, technical support, and consulting services for Attalus Fiber System clients throughout the United States, Europe, and Asia.
- Completed on-site product demonstrations, system installations and training for existing and new Attalus clients.
- Assisted Attalus sales team; develop value studies for existing and new Attalus clients.
- System level product design (specification and verification), product improvement, and technical document writing.

Spring & Fall 2002**Instrumar Ltd., St. John's NL****Engineering Student - Attalus Fiber System Division**

- Active in the product development stage of the Attalus Fiber System; developing data analysis tools with Matlab, laboratory testing, technical document writing.

Summer 2001**Aliant Inc., St. John's NL****Engineering Student - High Speed Internet Group**

- Helped manage deployment of new High Speed Internet services throughout Newfoundland's Avalon region; managing ADSL equipment installations, configuring network routers, maintaining inventory databases.

Fall 2000**Nortel Networks, Ottawa ON****Engineering Student – UE9000 Software Development Team**

- Member of the UE9000 software development team; software test script development, software testing, technical document writing.

Spring 2000**Irving Paper, Saint John NB****Engineering Student – Paper Mill Maintenance Group**

- Managed maintenance jobs throughout the paper mill; developing PLC logic for new paper machine pump system, overseeing mill equipment installations, maintaining inventory databases.

Summer 1999**AGRA Inc., St. John's NL****Engineering Student – Construction Management Team**

- Member of the site management team for the construction of the Janeway Children's Hospital in St. John's NL; helped manage and inspect installations of the new hospital electrical systems.

SKILLS / QUALIFICATIONS**Technical Skills/Qualifications**

- Certified Professional Engineer in the province of Newfoundland and Labrador (2007 – present).
- Experience managing and supporting electrical equipment installations (including hazardous areas) in accordance with the regulations of the Canadian Electrical Code (CEC).
- Construction Safety Training System (CSTS) training certification.
- Oil Sands Safety Association (OSSA) training certification.
- "TapRoot" trained for root cause analysis
- Supported installation and commissioning of DCS and PLC control systems.
- Problem solving experience in various engineering fields including oil & gas, electronics, telecommunications, industrial manufacturing, and construction.
- Excellent computing skills including all Microsoft office applications; Word, Excel, Powerpoint, Access. Highly proficient in MS Excel.
- Familiar with various control system protocols including DeviceNet, Foundation Fieldbus, Asi-Net, Modbus.
- Field drafting of experience using Autocad.
- Solid statistical analysis background with experience in algorithm development and data analysis.
- Software development experience using various design methodologies (C++, Java, Matlab, LabView).
- Familiar with electrical test equipment (oscilloscopes, digital multi-meters, function generators, meggers, etc.).
- Schedule development/management using Microsoft Project and Primavera
- Successful completion of Accubid training seminar for industrial construction estimating.
- Very experienced in project management practices and construction estimating.

Interpersonal Skills/Qualifications

- Contract management and project control experience; including contract drafting, contract negotiation, invoicing, cost control, change/scope management.
- Experience presenting both sales and training material to clients in various foreign countries (France, Belgium, Denmark, Germany, Japan).
- Solid understanding project management methods and techniques.
- Excellent written and verbal communication skills.

EDUCATION**June 2016****Executive Education Leadership Certificate****Smith School of Business – Queen’s University, Kingston ON**

- Comprehensive program to develop and refine the leadership and management skills for company executives and managers.

May 2011**Negotiation and Dispute Resolution Certificate****Saint Mary’s University, Halifax NS**

- Course explored the concepts, strategies and execution of negotiation / dispute resolution practices.

January 2010 – April 2010**Fundamentals of Project Management Course****Ryerson University - The Chang School of Continuing Education, Toronto ON**

- Course covering concepts, functions, and 9 knowledge areas of project management.

Sept 1997 – May 2003**Bachelor of Engineering (Discipline Electrical)****Memorial University of Newfoundland, St. John’s NL**

- Recipient of the 1998 AGRA Monenco Atlantic Engineering Scholarship (\$3500).
- Recipient of an Engineering Award for Academic Excellence in 1998 (\$1000).
- Receipt of Honorable Mention Award for designing and developing an “Interactive Guitar Tutoring Program” at the 2003 Senior Electrical Engineering Class Design Project Fair.

Sept 1993 – June 1997**High School Diploma****Gonzaga High School, St. John’s, NL**

- Honors Graduate