# CIMFP Exhibit P-03630 PURCHASE ORDER

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19-Dec-14-10:00:52

PURCHASE ORDER: LCP02346 Professional Services - Anthony Embury					
SUPPLIER: PMX Inc.	CONFIRMING ORDER	- DO NOT DUPLICATE	ALL COMMUNICATIONS TO: Lower Churchill Management Corporation		
505 Consumers Road, Suite 300 Toronto, ON M2J 4V8	TOTAL PRICE (CAD) ISSUE DATE:	: 1,641,822.20 December 18, 2014 he seller subject to all conditions and	350 Torbay Road, Suite 2 St. John's, Newfoundland & Labrador, A1A4E1 Attention: Kimberly Ball Phone: (709) 737-4839 Fax: (709) 754-0787 Email: kimberlyball@lowerchurchillproject.ca		
	ATTACHMENTS LISTED IN ORDER OF PRECEDENCE		MAIL INVOICES TO: Lower Churchill Management Corporation 350 Torbay Road		
CONTACT:         Ed Bush           TELEPHONE:         (416) 222-7691           FAX:         (416) 222-0485			St. John's, NL A1A 4E1 Attention: Accounts Payable - Lower Churchill Management Corporation		
E-MAIL: ebush@pmx.ca TAX ID: PRICE TYPE: Unit Rate	· · · · · · · · · · · · · · · · · · ·		SEND DRAWINGS, DATA, MANUALS TO: Not Applicable		
PAY TERMS: NET 30 DAY DEL. TERMS: SHIP POINT:					
F.O.B. POINT: WEIGHT: CUBE:			DELIVER EQUIPMENT, MATERIALS TO: Not Applicable		
R.F.Q. ID: LCP02346 REQ. ID: ENGINEER:					
Jason L. Ken					
- in a rathing the	DATE 19 Der. 2014	SIGNATURE	OF ORDER (RETURN SIGNED COPY) DATE		
Supply Chain / Approval Au	thorization				

## CIMFP Exhibit P-03630 PURCHASE ORDER

### ISSUE DATE: 18-Dec-14

PAGE 2.1 PRICES IN CAD

PURCHASE ORDER: LCP02346 Professional Services - Anthony Embury								
ITEM	TAG NUMBER	QUANTITY	UNIT	DESCRIPTION	SHIP DATE	CONTROL ACCOUNT	UNIT PRICE	TOTAL PRICE
01	00	1	Lot	Anthony Embury	05-Jan-15	5.1.011.0000.9000.04.00	1,452,940	1,452,940.00
				Role: Project Controls Manager Position #: PROJ.3.006				
				Day Rate: \$1,520 (based on an 8 hour working day) Fixed rate for 2 years until 31-Dec-2016				
		1		Effective Date: 5-Jan-2015 End Date: 31-Mar-2018				
				Point of Origin: Toronto, Ont LOA: \$4,500 Travel Allowance \$1,300				
				Mob & Demob Allowance: \$1,000 each				
				Provision of services of Anthony Embury in accordance with the attached Scope Description Form, this Purchase Order, and the Terms and Conditions of Master Services Agreement LC-PM-149				
				LINE ITEMS TOTAL				1,452,940.00
				GST/HST				188,882.20
				PURCHASE ORDER TOTAL				1,641,822.20
		.4						



# CIMFP Exhibit P-03630 SCOPE / ROLE DESCRIPTION



POSITION:	POSITION NO.:	DATE PREPARED:		
PROJECT CONTROLS MANAGER	PROJ.2.001	10	NOV	2014
DEPARTMENT:	LOCATION :			
LCMC MANAGEMENT TEAM	ST. JOHN'S			

#### DIRECTION EXERCISED AND AUTHORITY:

Under the authority of the General Project Manager, the **Project Controls Manager** will provide a leadership role to ensure fulfilment of LCMC's overall cost and schedule delivery targets and objectives. The incumbent will also provide leadership of the Planning, Scheduling, Cost Control, Management of Change, Estimating, and Risk Management teams operating in St. John's and on all Work Sites.

The incumbent will have a level of authority required for day-to-day decision-making, including financial approval authority as delegated by the General Project Manager

In fulfilling this mandate, the incumbent is expected to liaise extensively with the Component-level Project Control Leads, the execution teams and functional managers to ensure their full awareness of Project Control processes and requirements.

#### DIRECTION RECEIVED AND REPORTING RELATIONSHIP:

Reporting directly to the General Project Manager, incumbent is expected to interact extensively with direct reports, LCMC Management Team, Site based Project Controls teams, Project and Area Managers, Area Construction Managers, and the function managers for Procurement and Accounting.

#### PURPOSE AND SUMMARY OF SCOPE:

As a member of the LCMC Management Team, the **Project Controls Manager** is the overall leader and provider of project controls services having the primary responsibility to ensure LCMC's cost and schedule targets and objectives are fulfilled. The incumbent will establish appropriate organizations, processes and systems to ensure that accurate cost and schedule control information is provided on a timely basis.

Within the context of the Project Controls Management Plan (LCP-PT-MD-0000-PC-PL-0001-01), implement proven cost and schedule control methodologies and ensure the project is executed in accordance with associated procedures.

Be responsible for overall LCP project controls integrity, including people, procedures/processes, tools, and reporting. Aggressively pursue cost reduction and schedule opportunities.

Ensures both the Management of Change Plan and Risk Management Plan are correctly implemented and coordinated.





PRINCIPAL ACTIVITIES, DUTIES AND RESPONSIBILITIES: The following is being executed as a contract scope of work.

The duties and job functions of the Project Controls Manager shall include, but are not limited to, the following:

- Establish an effective Project Controls organization that is able to effectively support the delivery of the LCP.
- Proactive support of a safety culture where "Nobody Gets Hurt."
- Proactively identifying and working to resolve any issues that may jeopardize LCP's cost and schedule targets.
- Overseeing the activities of the Project Controls teams in St. John's and on all Work Sites to ensure the teams are fulfilling their obligations.
- Ensuring Project Controls procedures are developed and in place at each Component. Ensure Project Controls staff understand and implement these procedures with each Component.
- Establishing effective communication lines so as to maintain overall alignment on Cost and Planning control practices, procedures and reporting requirements.
- Providing strategic advice in the control of existing contracts and development of new contracting plans for all LCP site works.
- Champion the implementation of the Change Management process by leading management reviews and ensuring implementation at every LCP Component.
- Provide executive level participation, as required, with contractors and suppliers, to address issues of importance and solve pending problems
- Liaising with Project, Area and Area Construction Managers to ensure proper Project Controls organizations are in place and that cost and schedule controls have been implemented.
- Serving on the LCMC Management Team.
- Provide leadership of direct reports covering Planning, Scheduling, Cost Control, Estimating and Change Management and ensure the organizations for these groups are sufficiently staffed and are operating within terms of approved procedures and guidelines
- See that the General Project Manager is kept fully informed on the status of the LCP Cost and Schedule baselines.
- Development, maintenance and status reporting of the overall LCP schedule, budget and cost forecast.
- Monitors implementation of all Project Control processes and procedures to ensure reporting integrity
- Monitoring and supporting each Project Work Site's adherence to control processes;
- Establishing, maintaining and reporting on the status of the LCP cost and schedule baselines including the preparation of monthly reports and special progress reports;
- Maintaining the Project Execution Plan, Project Controls Management Plan, Project Controls Procedures, Contract Coordination Procedures and other important documents.
- Implementing and maintaining the project management information system
- Recruiting Project Control resources for various Work Site teams and providing them with functional direction and support for Planning, Scheduling, Cost Control, Estimating and Change Management activities;
- Facilitating the release of work by ensuring that authorizations are in place;
- Developing and maintaining an overall Project co-ordination and control schedule and cost forecast and report regularly on their status relative to the Project Cost/Schedule baselines.
- Prepare PMT manpower and cost forecasts
- Ensure the review and approval of contractor's project control procedures and compliance with the Contract Coordination Procedures. Ensure that all approved Contractor procedures are implemented and verified on a regular basis.

"Incumbent shall work in accordance with the Health and Safety Policies & Procedures and strive to eliminate any potential risk which could result in personal injury or occupational illness."

"Incumbent shall be familiar with the Environmental Policy and Guiding Principles and applicable environmental Standard Operating Procedures."



# CIMFP Exhibit P-03630 SCOPE / ROLE DESCRIPTION



### ACADEMIC QUALIFICATIONS:

Bachelor of Engineering or an equivalent combination of education, training and experience.

### RELEVANT WORK EXPERIENCE AND REQUIRED COMPETENCIES:

- Extensive background (15+ years) on large engineering and construction projects with a focus on infrastructure.
- Minimum of ten (10) years in Project Controls Manager positions on large construction projects. Site experience an asset.
- Demonstrated leadership skills in developing and leading diverse work teams.
- Commercially astute individual with a strong background in cost/schedule analysis. Claims management an asset.
- Excellent written and verbal communication skills (English).
- Experience with large national and international construction contractors.
- Experience with multiple forms of contracting including EPC, and compensation terms including unit rate, lump sum and reimbursable.
- Strong background in the application of Project Management Systems.
- Adaptability to perform in different work environments
- Ability to train/mentor personnel in the application of Project Control processes.
- Strong cost/schedule analytical skills
- Strong planning, budgeting and organizational skills.

### JOB REQUIREMENTS, WORKING CONDITIONS, ETC.:

- Safety oriented.
- Demonstrated willingness to adhere to the Nalcor's vision and core values.
- Strong interpersonal skills and the ability to interact and communicate with other team members.
- Be an active member in a highly dynamic team environment that has tight deadlines, high pressure and visibility, requiring accuracy, initiative and ability to multi-task
- Possess strong people skills, with the ability to interact, motivate and lead team members.
- Excellent problem solving skills.
- Ability to plan work well, and to be well-organized.
- Be prepared to accept for responsibility and decision making authority.
- Demonstrate a willingness to adhere to Nalcor Energy's vision and values.
- Must be willing to travel to Work Sites when required to do so.
- Must be able to work effectively as a key member of the Owners team within a multi-functional team environment (matrix style organization structure).
- Solution oriented.

PREPARED BY:	Jason Kean R.Ke	APPROVED BY:	Mr-
DATE:	10 November 2014	_ DATE:	10-16V-2014