

2. ACRONYMS AND DEFINITIONS

2.1 ACRONYMS

AHJ – Authority Having Jurisdiction

BBB – Build Better Buildings Policy

CENL – Consulting Engineers of Newfoundland and Labrador

Cx – Commissioning

CxA – Commissioning Authority

CM – Construction Manager

CO – Change Order

DM – Design Manager

FCA – Facility Condition Assessment

LEED® – Leadership in Energy and Environmental Design

NAA – Newfoundland Association of Architects

NBCC – National Building Code of Canada

OGD – Other Government Departments

OPR – Owner Project Requirements

PAD – Program Adjustment Document

PARTS – Project Analysis Reporting Tracking System

PCA – Prime Consultant Agreement

PCO – Proposed Change Order

PEGNL – Professional Engineers and Geoscientists of NL

PPE – Personal Protective Equipment

REOI – Request for Expression of Interest

RFI – Request for Information

SWP – Safe Work Procedure

SC – Substantial Completion

TB – Treasury Board

TRIM – Tower Records and Information Management

TSI – Technical Services Inspector

TW – Department of Transportation and Works

2.2 DEFINITIONS

Authority Having Jurisdiction - The governmental body with authority to administer and enforce the applicable codes and standards or the local by-laws.

Client Partner – Representative of any client department (e.g. Department of Education, Department of Health & Community Services)

Commissioning - the documentation and verification necessary so that the system will function to meet design intent to meet the Owner's operational requirements.

Commissioning Authority – TW's representative or designate charged with the responsibility to prepare the commissioning manual and ensure that the commissioning process is followed. Also, witnesses the commissioning activities and generally guides the process.

Commissioning Check List – The forms used to tabulate the checks, tests, etc., performed during the commissioning procedures.

Commissioning Manual – The overall document, prepared by the Commissioning Authority that outlines the organization, documentation, etc., pertaining to the overall commissioning process.

Commissioning Team – Includes the Commissioning Authority, Consultants, Design Manager, Construction Manager, Contractors, Equipment Suppliers, and the Client Representatives.

Construction Manager –The Construction Manager is TW's team leader during the construction phase.

Design Concept – The Operating conditions/parameters on which the designer has based decisions and the method by which the functional requirements are to be met. It is a master plan for the system in question.

Design Engineers or Architect of Record - The Professional Engineers or Architect who produce and are responsible for the design documents which are issued for construction, for example, the Structural Engineer of Record, the Electrical Engineer of Record, etc.

Design Manager – The Design Manager is TW’s project team leader during the design stages of the project, provides support to the Construction Manager during the construction stage, and may participate in certain commissioning and post completion activities.

Design Management – The internal processes followed by TW to ensure that the 4 stage approval process is followed, contracts are in place, PMDA, LEED®, Codes, Standards and Regulations are followed throughout the design process.

Facility Start-up – The initial activation of all building systems, including start-up, verification, performance testing, and fine tuning activities.

Inspection – A service provided by the Owner’s project team. It includes a review of the building systems and equipment, or part(s) thereof.

Maintenance Manual - A binder containing all the necessary technical information on building systems for the Owner to carry out maintenance and operation of the equipment installed under the contract.

Performance Testing – The full range of checks and tests carried out to determine whether or not components, subsystems, systems, and interfaces between systems function. It includes modes and sequences of control operation, interlocks and conditional control responses, and specified responses to emergency conditions.

Prime Consultant - The individual or firm that is registered with PEG-NL or the Newfoundland Association of Architects, and who or which has the responsibility to coordinate the design and the field reviews of the various design professionals (such as structural, mechanical, electrical, geotechnical, architectural) for the project.

Professional Architect – The person who holds a certificate of registration to engage in the practice of engineering under the Architects Act.

Professional Engineer – The person who holds a certificate of registration to engage in the practice of engineering under the Engineer and Geoscientists Act.

Project Consultant - The individual or firm that, is registered with PEG-NL and delivers the design solution, provides contract administration services during construction, and as directed by the TW manager assists in the commissioning process, as required by the terms of the Prime Consultant Services Agreement and as directed by the TW manager.

Project Coordinator - TW's project coordinator assigned to a project to coordinate, monitor and document the progress the work.

Start-up – A service normally provided by the Contractor as part of the normal scope of work detailed in the construction contract. It includes building systems and equipment, or part(s) thereof.

Specification – The specific purpose/use for which the system/facility/equipment is intended to serve. It is a functional plan/program for the system and provides a complete description of the system's operation and performance.

Technical Service Inspectors – TW's site inspectors assigned to a project to monitor and document the technical progress of a specific discipline.

TW Design Professionals - Staff of the Design and Construction Division are the authority on design standards, design quality and life cycle asset management principles and commissioning. They exercise their judgment in the development of the final design solution.

User – The final occupant or occupants of the facility.