

## SCHEDULE 4 – DESIGN AND CONSTRUCTION

### PART 1

#### GENERAL PROVISIONS

Part 1, Article 1	Definitions and Interpretation
Part 1, Article 2	Independent Certifier
Part 1, Article 3	Municipal Requirements
Part 1, Article 4	Existing Conditions
Part 1, Article 5	CPR Requirements
Part 1, Article 6	Work by Others

### PART 2

#### DESIGN AND CONSTRUCTION REQUIREMENTS

Part 2, Article 1	General
Part 2, Article 2	Fire and Life Safety
Part 2, Article 3	Alignment
Part 2, Article 4	Structures
Part 2, Article 5	Seismic
Part 2, Article 6	Geotechnical
Part 2, Article 7	Tunnel
Part 2, Article 8	Utilities
	Attachment A List of Utilities
Part 2, Article 9	Roads
Part 2, Article 10	Architecture
Part 2, Article 11	Mechanical
Part 2, Article 12	Electrical
Part 2, Article 13	Systems
	Attachment A Scope Split Matrix and TransLink Resources
	Attachment B BCRTC Delay Allocation Methodology
	Attachment C Modifications to Existing ATC System
Part 2, Article 14	Smart Card and Faregates
	Attachment A List of Station Installation and Testing Requirements to be completed by the Primary Contractor to Facilitate the Smart Card & Faregates Work
Part 2, Article 15	Vehicles
Part 2, Article 16	Survey Control and Mapping
Part 2, Article 17	Drawings
	Attachment A Sample Drawing Sheet
Part 2, Article 18	Integration with Transit Facilities
Part 2, Article 19	Province Infrastructure - Security & Protection
Part 2, Article 20	Noise and Vibration

**PART 3 CERTIFICATION AND COMPLETION**

Part 3, Article 1	General
Part 3, Article 2	Design and Construction Certification Procedure
Part 3, Article 3	Completion Deliverables
Part 3, Article 4	Certification of Substantial Completion and Total Completion
	Attachment A Form of Certificates
	Attachment B Sample Contents for a Technical Appraisal Form

**PART 4 TRAFFIC MANAGEMENT**

Part 4, Article 1	General Traffic Management Requirements
	Attachment A – Planned Events
Part 4, Article 2	Permitted Traffic Disruption Events
	Attachment B - Minimum Traffic Lane Requirements
Part 4, Article 3	Non-Permitted Traffic Disruption Events
Part 4, Article 4	Failure to Inform Events
Part 4, Article 5	Traffic Engineering and Modelling

**APPENDICES TO SCHEDULE 4**

Appendix A	Drawings <ul style="list-style-type: none"><li>• Fixed Facilities Standard Drawings (Definitive and Descriptive)</li><li>• Preliminary Station Design Drawings<ul style="list-style-type: none"><li>○ Lougheed Town Centre Station</li><li>○ Burquitlam Station</li><li>○ Port Moody Central Station</li><li>○ Ioco Station</li><li>○ Coquitlam Central Station</li><li>○ Douglas College Station</li><li>○ Lincoln Station</li></ul></li><li>• Scope Split Drawings</li><li>• Bus Integration Plans</li><li>• Permanent Roadworks Drawings</li><li>• Murray Clarke Connector Drawings</li></ul>
Appendix B	Figures <ul style="list-style-type: none"><li>• Table of Contents to Appendix B</li></ul>
Appendix C	Minimum Considerations for Construction Specifications <ul style="list-style-type: none"><li>• Table of Contents to Appendix C</li></ul>
Appendix D	Form of Independent Certifier Contract
Appendix E	Construction Approval Process for the Evergreen Line Rapid Transit Project, dated September 6, 2011
Appendix F	TransLink Building Code Criteria <ul style="list-style-type: none"><li>• TransLink Building Code Criteria, Fixed Guideway Rapid Transit Systems, dated April 6, 2010</li></ul>

Appendix G	• Amendment to TransLink Building Code Criteria
Appendix H	Systems General Requirements
	Evergreen Line Wayfinding Documents
	• Evergreen Line Wayfinding Plan, dated March 7, 2012
	• TransLink Wayfinding Standards Manual, Version 2.0, dated September 20, 2010
Appendix I	Traffic Management Drawings
	• Traffic Signal Responsibility (Drawings 1 – 3)
	• Traffic Management Block Marker Drawings (Drawings 1 – 14)
	• Traffic Model Area (Drawings 1 – 3)
Appendix J	Station Ridership Data
	• Technical Note regarding Determination of Station ‘Design Flows’, dated November 10, 2010
	• Technical Note regarding Determination of Station ‘Design Flows’, dated November 25, 2011
Appendix K	Station Emergency Egress Analysis Data
Appendix L	Fire and Smoke Control Design Brief
Appendix M	Site-Specific Firm-Ground (Class C) Response Spectra and Associated Ground Motion Time-Histories
	• Revised Technical Memorandum, dated December 2, 2011