BCIT TECHNICAL STANDARDS

May 2022

BCIT TECHNICAL STANDARDS

Project #: <Insert #>

01 78 39

01 78 45 01 79 00

01 91 00

01 92 00

SECTION 00 01 10

TABLE OF CONTENTS

Page 2 of 5

Project Name: <Insert Name>

DIVISION 0 PROCUREMENT REQUIREMENTS 00 01 10 **Table of Contents DIVISION 1 GENERAL REQUIREMENTS** 01 00 00 General Requirements 01 05 00 Construction Site Security Summary of Work 01 11 00 01 14 00 Work Restrictions 01 21 00 Allowances **Product Substitutions** 01 25 00 **Contract Modification Procedures** 01 26 00 **Payment Procedures** 01 29 00 01 31 00 **Project Management and Coordination** 01 32 16 Construction Progress Schedule 01 33 00 Submittal Procedures 01 35 00 Special Procedures 01 35 10 Special Procedures - GIS **Alteration Project Procedures** 01 35 16 01 35 29 Health, Safety, and Emergency Response Procedures **Environmental Procedures** 01 35 43 Regulatory Requirements 01 41 00 01 44 00 **Quality Assurance** Temporary Facilities and Controls 01 51 00 **Temporary Construction** 01 53 00 Construction Aids 01 54 00 01 55 00 Vehicular Access and Parking Temporary Barriers and Enclosures 01 56 00 **Temporary Controls** 01 57 00 Product Requirements 01 61 00 01 65 00 **Product Delivery Requirements** 01 66 00 Product Storage and Handling Requirements 01 71 00 Field Engineering Execution - Installation Requirements 01 73 00 01 74 19 Cleaning and Waste Management Protecting Installed Construction 01 76 00 01 77 00 Close Out Procedures 01 78 23 **Operations and Maintenance Data** 01 78 36 Warranties

Project Record Documents

Demonstration and Training

Facility Operation Monitoring

Commissioning

Spare Parts and Maintenance Materials

Project #: <Insert #> **TABLE OF CONTENTS** Project Name: <Insert Name> **EXISTING CONDITIONS DIVISION 2** 02 41 00 Demolition **DIVISION 3 CONCRETE** 03 30 00 Cast-in-Place Concrete 03 35 43 Concrete Finishing **DIVISION 4 MASONRY** 04 05 00 General Masonry Requirements **DIVISION 5 METALS** 05 41 00 structural Metal Stud Framing 05 50 00 **Metal Fabrications** 05 50 10 Handrails and Guardrails **DIVISION 6** WOOD, PLASTICS, and COMPOSITES 06 10 00 Wood Structures General Requirements 06 20 00 Finish Carpentry Architectural Woodwork 06 40 00 **DIVISION 7** THERMAL AND MOISTURE PROTECTION (BUILDING ENVELOPE) 07 10 00 Dampproofing Below Grade Waterproofing 07 14 16 Crystalline Waterproofing 07 16 16 07 21 00 **Building Insulation** 07 50 00 Membrane Roofing 07 62 00 Sheet Metal Flashing and Trim Roof Accessories - Roof Access and Hatches 07 72 00 Firestopping 07 84 00 Joint Sealants 07 92 00 **DIVISION 8 OPENINGS** Openings - General Requirements 08 00 10 Metal Doors and Frames 08 11 00 08 14 00 Wood Doors **Aluminum Framed Entrances and Storefronts** 08 41 13 08 50 00 Windows 08 71 00 Door Hardware 08 71 13 **Automatic Door Operators** 08 81 00 Glazing **DIVISION 9 FINISHES (INTERIOR FINISHES)** 09 06 90 Colour Schedules 09 10 00 General Requirements Gvpsum 09 21 16 09 22 16 Non-Structural Metal Framing 09 30 00 Tiling **Acoustical Ceilings** 09 51 00 Resilient Flooring 09 65 00

SECTION 00 01 10

Page 3 of 5

BCIT TECHNICAL STANDARDS

Carpet

Painting

09 68 00 09 90 00

BCIT TECHNICAL STANDARDS

SECTION 00 01 10 Project #: <Insert #>

TABLE OF CONTENTS Project Name: <Insert Name> Page 4 of 5

DIVISION 10	SPECIALTIES
10 10 10 10 14 00 10 14 05 10 20 00 10 21 13 10 28 00 10 44 00 10 51 00	Specialties – General Requirements Room and Door Numbering Signage Interior Specialties Toilet Compartments Toilet, Bath, and Laundry Accessories Fire Protection Specialties Lockers
DIVISION 11	EQUIPMENT
11 11 36 11 52 00 11 81 29	Vehicle Charging Equipment Audio-Visual Equipment Facility Fall Protection
DIVISION 12	FURNISHINGS
12 00 00 12 20 00 12 30 00 12 35 53	Furnishings Window Coverings and Blinds Fabricated Casework Laboratory Casework
DIVISION 14	CONVEYING EQUIPMENT
14 21 00	Elevators
DIVISION 20	MECHANICAL – GENERAL
20 00 00	General Requirements
DIVISION 21	FIRE
21 00 00	Fire Suppression
DIVISION 22	PLUMBING
22 05 00 22 05 16 22 05 53 22 08 00 22 10 00 22 13 00 22 14 00 22 34 00 22 40 00	Plumbing – General Requirements Plumbing Systems Metering Identification for Plumbing Piping and Equipment Commissioning of Plumbing Systems Plumbing Piping Facility Sanitary and Vent Piping Facility Storm Drainage Domestic Water Heaters Plumbing Fixtures
DIVISION 23	HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)
23 05 00 23 05 16 23 05 53 23 05 93 23 08 00 23 09 00	HVAC – General Requirements HVAC Systems Metering Identification for HVAC Testing, Adjusting and Balancing for HVAC Commissioning of HVAC Instrumentation and Controls for HVAC
DIVISION 25	INTEGRATED AUTOMATION
25 00 00	Building Automation System

DIVISION 26 ELECTRICAL

BCIT TECHNICAL STANDARDS	SECTION 00 01 10
Project #: <insert #=""></insert>	TABLE OF CONTENTS
Project Name: <insert name=""></insert>	Page 5 of 5

26 05 00	Electrical General Requirements
26 05 21	Wires and Cables (0-1000 V)
26 05 53	Electrical Systems Labeling
26 09 43	Lighting Controls
26 24 13	Switchboards
26 24 16-01	Panelboards Breaker Type
26 27 00	Power Distribution
26 27 26	Wiring Devices
26 28 16-02	Moulded Case Circuit Breakers
26 30 00	Electrical Power Generating Equipment
26 51 00	Lighting Interior
26 51 01	Appendix A Luminaires Interior
26 52 01	Appendix B Emergency Lighting Luminaires
26 53 01	Appendix C Exit Sign Luminaires
26 56 00	Lighting Exterior
26 56 01	Appendix D Luminaires Exterior

DIVISION 27 COMMUNICATIONS – IT Services – Under Construction

27 05 00 TBD

DIVISION 27 COMMUNICATIONS – AV Services – Under Construction

27 40 00 TBD

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

28 10 00	Access Control – Electronic – Keying Systems
28 14 00	Access Control System Hardware
28 23 00	Video Surveillance
28 46 00	Fire Alarm Systems

DIVISION 32 EXTERIOR IMPROVEMENTS

32 13 13	Concrete Paving
32 14 00	Unit Paving
32 15 00	Aggregate Surfacing
32 31 16	Fences and Gates
32 33 00	Site Furnishings
32 40 00	Bee Hives
32 84 00	Irrigation
32 91 13	Soil Preparation
32 92 19	Seeding
32 93 00	Plants and Planting
32 94 00	Planting Accessories

GUIDELINES

BCIT Acoustic Guidelines

BCIT Tenant Improvement Handbook