

MAIN CIVIL WORKS CONTRACT

SCHEDULE 4

WORK PROGRAM AND SCHEDULE

TABLE OF CONTENTS

1	INTERPRETATION.....	1
1.1	Definitions	1
2	WORK PROGRAM AND SCHEDULE	1
2.1	Consultation Draft	1
2.2	Work Program and Schedule.....	1
2.3	Standard for Work Program and Schedule.....	3
2.4	Contractor’s Scheduling Capacity and Expertise	3
2.5	P6-Base Work Program and Schedule.....	3
2.6	Mobilization Schedule	4
2.7	Monthly Progressive Amendments to the P6-Base Work Program and Schedule	4
2.8	Work Program and Schedule Monthly Progress Report.....	4
2.9	Look-Ahead Schedules.....	6
2.10	Additional Schedule Information	7
3	COMPLIANCE WITH WORK PROGRAM AND SCHEDULE.....	7
3.1	Perform Work in Accordance with Work Program and Schedule	7

APPENDIX 4-1 BC HYDRO PROJECT SCHEDULE
APPENDIX 4-2 WORK PROGRAM AND SCHEDULE

MAIN CIVIL WORKS CONTRACT

SCHEDULE 4

WORK PROGRAM AND SCHEDULE

1 INTERPRETATION

1.1 Definitions

In this Schedule 4 [Work Program and Schedule], in addition to the definitions set out in Schedule 1 [Definitions and Interpretation]:

“**Mobilization Schedule**” has the meaning set out in Section 2.6 of this Schedule 4 [Work Program and Schedule];

“**Monthly Progress Report**” has the meaning set out in Section 2.8 of this Schedule 4 [Work Program and Schedule];

“**P6-Base Work Program and Schedule**” has the meaning set out in Section 2.5 of this Schedule 4 [Work Program and Schedule]; and

“**Work Program and Schedule**” has the meaning set out in Section 2.2 of this Schedule 4 [Work Program and Schedule].

2 WORK PROGRAM AND SCHEDULE

2.1 Consultation Draft

The Contractor will within 45 days after the Effective Date, or by such later date as Hydro’s Representative may agree to in writing, prepare and submit to Hydro’s Representative For Information Only a complete draft work schedule that conforms to the requirements of Section 2.2 of this Schedule 4 [Work Program and Schedule]. Hydro’s Representative and the Contractor’s Representative, together with each of their respective lead schedulers, will meet over the 30 days following delivery of the draft work schedule to consult with each other with respect to such draft work schedule to address any deficiencies in such schedule.

2.2 Work Program and Schedule

The Contractor will prepare the work schedules as required under the Contract Documents (each a “**Work Program and Schedule**”) that complies with the following:

- (a) that is a resource loaded Primavera P6 Schedule in the version specified by BC Hydro in both PDF and native Primavera xer formats;
- (b) that is based on Appendix 4-2 [Work Program and Schedule];
- (c) which complies with:
 - (i) Appendix 4-1 [BC Hydro Project Schedule];
 - (ii) the Interface Dates and Milestone Dates;

- (iii) the required construction sequences for the Right Bank Drainage Tunnel, Approach Channel Stage 1 and RCC Buttress set out in Drawing 1016-C02-00413 of Appendix 6-3 [Drawings]; and
 - (iv) the timing for the installation and commissioning of instrumentation set out in Drawing 1016-C02-05008 of Appendix 6-3 [Drawings];
- (d) that describes the complete performance of the Work;
- (e) that is prepared in accordance with Section 2.3 of this Schedule 4 [Work Program and Schedule]; and
- (f) that, at a minimum includes:
- (i) a comprehensive narrative highlighting work calendars, constraints, assumptions and a narrative that describes the critical path and how information or access required from BC Hydro affects that critical path;
 - (ii) detailed equipment and manpower reports/histograms from Primavera P6 by showing worker classifications and equipment type;
 - (iii) construction sequencing in six month intervals (unless Hydro's Representative requires a shorter interval);
 - (iv) staging drawings as required to support the Work Program and Schedule in PDF and native AutoCAD formats taking into consideration work that has been performed by Other Contractors that may affect the Work;
 - (v) key Milestone events, including key dates for decisions;
 - (vi) critical path(s) for the following:
 - (A) the Work as a whole;
 - (B) each of the major elements of the Work as described in Section 2.3(a) of this Schedule 4 [Work Program and Schedule]; and
 - (C) longest path for the completion of the Work;
 - (vii) including coding of activities to follow BC Hydro WBS in Primavera P6 Activity Code as may be specified by BC Hydro for its own use;
 - (viii) dates by which key decisions must be made by BC Hydro for the performance of the Work;
 - (ix) all design workshops;
 - (x) procurement, permitting, construction, and commissioning schedule for all Work activities;
 - (xi) all Submittals as required by the Contract Documents; and
 - (xii) each Price Item as set out in Appendix 11-1 [Schedule of Prices and Estimated Quantities].

2.3 Standard for Work Program and Schedule

The Work Program and Schedule will be:

- (a) prepared in sufficient detail to enable Hydro's Representative to monitor the progress of all elements and aspects of the Work;
- (b) prepared in accordance with Good Industry Practice for a large complex project similar to the Work, which accordingly, given the nature, size and complexity of the Work:
 - (i) will include no fewer than 1,000 activities;
 - (ii) will not include loose-end activities other than Work commencement and Total Completion;
 - (iii) will not excessively use lags;
 - (iv) will not use negative lags;
 - (v) will not use start to finish relationships;
 - (vi) will not include activities with negative float;
 - (vii) will not include unjustified constraints;
 - (viii) will not include activity durations exceeding two reporting cycles;
 - (ix) will clearly highlight any activity or information required to be performed by BC Hydro to support the Work; and
 - (x) will demonstrate how the Contractor will achieve all of the Interface Dates and Milestone Dates; and
- (c) capable of achieving at least an 85% "Fuse Schedule Index" when analysed using the most up-to-date Acumen Fuse software.

2.4 Contractor's Scheduling Capacity and Expertise

The Contractor will, as part of the Work, provide a scheduler(s) who has a minimum of seven years' scheduling experience with Primavera P6 software and experience in large complex projects similar to the Work, and will cause such scheduler(s) to prepare all the Work Program and Schedule, and amendments and progressions as required by the Contract Documents.

The Contractor's scheduler will be based at the Site and available during normal business hours to provide BC Hydro with schedules and schedule updates in accordance with the requirements of the Contract Documents. The Contractor's scheduler will be fluent in English and will be able to effectively communicate with BC Hydro in English.

2.5 P6-Base Work Program and Schedule

The Contractor will within 30 days following the end of the consultation period described in Section 2.1 of this Schedule 4 [Work Program and Schedule], or by such later date as Hydro's Representative may agree to in writing, prepare and submit to Hydro's Representative for Consent a further revised and expanded Work Program and Schedule that is prepared by the Contractor's scheduler as required by Section 2.4 of this Schedule 4 [Work Program and Schedule], and meets the requirements of Section 2.2

and 2.3 of this Schedule 4 [Work Program and Schedule] and when BC Hydro gives Consent such Work Program and Schedule will be the reference or “base” schedule (the “**P6-Base Work Program and Schedule**”).

2.6 Mobilization Schedule

The parties will cooperate to develop a detailed schedule (“**Mobilization Schedule**”), based on the P6-Base Work Program and Schedule, covering all aspects of the commencement of the Work covering the first 120 days following the Effective Date. The Mobilization Schedule will include dates for the exchange of Submittals and other documentation exchanges as required by the Contract Documents.

2.7 Monthly Progressive Amendments to the P6-Base Work Program and Schedule

The Contractor will, within three Business Days of the first day of each month, or more frequently as reasonably required for BC Hydro to monitor the progress of the Work as described in Section 2.3 of this Schedule 4 [Work Program and Schedule], prepare and deliver progressive amendments to the P6-Base Work Program and Schedule to Hydro’s Representative for Review describing the actual progress of the Work current to the last day of the previous calendar month and incorporating any time adjustments as permitted under the Contract Documents. The Contractor will develop the amendments to the Work Program and Schedule using critical path methodology, in PDF format and native Primavera xer format. The P6-Base Work Program and Schedule will be capable of achieving at least a 70% rating when analysed using the most up-to-date “US Defense Contract Management Agency 14-point Schedule Assessment”.

All updates or revisions to the Work Program and Schedule will be based on and referable to the P6-Base Work Program and Schedule except as both parties may agree in writing, acting reasonably.

2.8 Work Program and Schedule Monthly Progress Report

Within seven calendar days of every month the Contractor will submit to Hydro’s Representative a monthly report on the progress of the Work (the “**Monthly Progress Report**”) describing the actual progress of the Work current to the last day of the previous calendar month. The Monthly Progress Report will:

- (a) cover all significant aspects of the Work;
- (b) include:
 - (i) an executive summary;
 - (ii) a summary of any material risks, including with respect to schedule, safety, quality, environment;
 - (iii) a narrative of major events, including:
 - (A) a summary of Work completed by major work area and percent complete of such work areas;
 - (B) percent complete of all Work; and
 - (C) the plan for the performance of the Work for the upcoming month;
 - (iv) colour photographs sufficient to record the progress of the Work at least daily of all significant areas of Work at the Site;

- (v) schedules comparing actual progress of the Work to the latest updated Work Program and Schedule, identifying critical path activities in the Work. The summary schedules will be based on the electronic scheduling performed in accordance with the requirements of Section 2.5 of this Schedule 4 [Work Program and Schedule] and will include a narrative describing the variances and the reason for the variances that are made from the previous month's Monthly Progress Report. The following information will also be provided:
 - (A) list of new activities added;
 - (B) list of logic changes;
 - (C) list of out of sequence activities;
 - (D) reasons for re-sequencing of work activities; and
 - (E) impact to the critical path;
- (vi) graphs, schematics or other visual aids showing actual progress compared to scheduled progress, such as volumes of excavation and placement, RCC concrete production;
- (vii) where critical path activities are behind schedule, a description of the actions taken or to be taken to respond;
- (viii) actual manpower allocations on Site for the preceding month and a forecast of manpower allocation, on a daily basis, for the next month, including a comparison with the forecast contained in the previous Monthly Progress Report. This will be broken out by manpower type including local workers, workers in onsite accommodation, Aboriginal workers, etc.;
- (ix) actual construction equipment on Site and a forecast for the next month, including a comparison with the forecast in the previous Monthly Progress Report and reports of any significant breakdowns and actions to be taken to repair or replace significant construction equipment which is out of service;
- (x) an inventory of construction materials on Site compared to current and forecast consumption;
- (xi) scheduled delivery dates for all major temporary and permanent equipment;
- (xii) an inventory of the permanent equipment that has been received on Site, its current location and storage provisions relative to the storage requirements specified or recommended by the manufacturer;
- (xiii) a summary safety report identifying any lost time accidents, any noticeable trends, including comparisons with Worksafe BC construction industry safety statistics, and actions being taken to improve safety;
- (xiv) a summary environmental report identifying any incidents and non-compliance and actions taken or to be taken to correct same;
- (xv) a summary of change management including finalized and pending Preliminary Change Instructions, Change Reports, Change Directives and Change Orders;
- (xvi) a summary of any pending Disputes and material Claims;

- (xvii) a summary of any issues with the work of Other Contractors or BC Hydro relating to work adjoining the Work, including schedule or safety issues;
 - (xviii) a summary of any socio-economic issues, such as local hire, Aboriginal labour and contract inclusion, communications, labour relations; and
 - (xix) a summary of contract administration including document control, insurance, bonds, letters of security, regulatory, permits, properties, public affairs;
- (c) include a summary of financial matters, including:
- (i) Guest accommodation in excess of the Contractor's Daily 72 hour Confirmation;
 - (ii) monthly electrical power usage and forecast for upcoming three months; and
 - (iii) monthly fuel usage and forecast for upcoming three months;
- (d) include additional information reasonably requested by Hydro's Representative to demonstrate and document the progress of the Work and compliance of the Work with the requirements of the Contract Documents; and
- (e) be submitted as two hard copies and one electronic copy in PDF format.

The Monthly Progress Report will be submitted for Review, in a form satisfactory to Hydro's Representative acting reasonably, and if any part of the Monthly Progress Report is not endorsed by Hydro's Representative as "Accepted" then the Contractor will, before making the next application for payment under Schedule 11 [Prices and Payment], provide the correct or missing information as described in the amendments or comments noted on the Monthly Progress Report by Hydro's Representative.

2.9 Look-Ahead Schedules

The Contractor will within 90 days of the Effective Date, and thereafter every calendar week until Total Completion of the Work, deliver to Hydro's Representative for Review a detailed short term look-ahead schedule showing all aspects of Work, including the status of Submittals, based on the then current P-6 Base Work Program and Schedule amended as required under Section 2.7 of this Schedule 4 [Work Program and Schedule. This three week look-ahead schedule will show the Contractor's planned construction activities for the next-occurring three week period, including:

- (a) critical path activities;
- (b) equipment deliveries;
- (c) estimated quantities of materials to be placed or installed;
- (d) any anticipated delays to the performance of the Work;
- (e) safety activities, such as critical lifts, hazardous materials testing; and
- (f) environmental activities, such as in-river works, permitting activities.

This three week look-ahead schedule will also show the Contractor's actual progress of the Work for the preceding week.

2.10 Additional Schedule Information

The Contractor will, from time to time during the performance of the Work, and as part of the Work at no additional cost to BC Hydro, provide detailed additional schedule information relating to the Work as BC Hydro reasonably requires to be able to monitor the performance and progress of the Work to the standard as described in Section 2.3 of this Schedule 4 [Work Program and Schedule].

3 COMPLIANCE WITH WORK PROGRAM AND SCHEDULE

3.1 Perform Work in Accordance with Work Program and Schedule

The Contractor will:

- (a) commence the Work promptly following the Effective Date; and
- (b) perform the Work:
 - (i) diligently without delay or interruption so as to complete each of the Milestones by no later than the Milestone Dates; and
 - (ii) in compliance with the then current progression of the Work Program and Schedule, as may be updated under Section 2.7 of this Schedule 4 [Work Program and Schedule]. If, for any reason, the performance of the Work falls behind the schedule for the Work set out in the then current Work Program and Schedule, then:
 - (A) if, in accordance with the Contract Documents, the delay entitles the Contractor to an extension of the time for the performance of the Work, then the Contractor will, as part of the Work, include such extension in the next update to the Work Program and Schedule as provided under Section 2.5 of this Schedule 4 [Work Program and Schedule]; or
 - (B) if, in accordance with the Contract Documents, the delay does not entitle the Contractor to an extension of the time for the performance of the Work, then the Contractor will, as part of the Work, take all such steps as are required to bring the Work back into conformity with the then current Work Program and Schedule.

Failure to comply with the requirements of this Section 3.1 of this Schedule 4 [Work Program and Schedule] will be deemed to be a default under the Contract to which the provisions of Section 15 of Schedule 2 [General Conditions] will apply.

MAIN CIVIL WORKS CONTRACT

APPENDIX 4-1

BC HYDRO PROJECT SCHEDULE

TABLE OF CONTENTS

1	INTERPRETATION.....	2
1.1	Definitions	2
2	PROJECT MILESTONES.....	4
2.1	Project Schedule Milestone Table	4
2.2	Notes to Project Schedule Milestone Table.....	7
3	DIVERSION	12
3.1	Early Diversion.....	12
3.2	Delayed Diversion.....	13
3.3	Diversion Dependent Milestones and Interfaces	13

MAIN CIVIL WORKS CONTRACT

APPENDIX 4-1

BC HYDRO PROJECT SCHEDULE

1 INTERPRETATION

1.1 Definitions

In this Appendix 4-1 [BC Hydro Project Schedule], in addition to the definitions set out in Schedule 1 [Definitions and Interpretation]:

“**Auxiliary Spillway**” means the Auxiliary Spillway as shown on the Drawings;

“**Cofferdam Closure Milestones**” has the meaning set out in Section 3.1(h) of this Appendix 4-1 [BC Hydro Project Schedule];

“**Core Buttress**” means the portion of the RCC Buttress designated as the Core Buttress on the Drawings;

“**Dam Buttress**” means the portion of the RCC Buttress designated as the Dam Buttress on the Drawings;

“**Diversion Inlet Channel**” means the Diversion Inlet Channel shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings] that conveys water from the Peace River to the Diversion Tunnels;

“**Diversion Inlet Cofferdam**” means the Stage 1 Cofferdam constructed at the Diversion Inlet Channel as shown on the Drawings;

“**Diversion Inlet Structures**” means the reinforced concrete structures shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings] located at the inlets to the Diversion Tunnels which contain Hydro-Mechanical Equipment for shutting off flow into the Diversion Tunnels;

“**Diversion Outlet Channel**” means the Diversion Outlet Channel shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings] that conveys water from the Diversion Tunnels to the Peace River;

“**Diversion Outlet Cofferdam**” means the Stage 1 Cofferdam constructed at the Diversion Outlet Channel as shown on the Drawings;

“**Diversion Outlet Structures**” means the reinforced concrete structures shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings] located at the outlets to the Diversion Tunnels which allow installation of stoplogs in order to dewater and access the Diversion Tunnels;

“**Diversion Tunnels**” means Diversion Tunnel 01 and Diversion Tunnel 02, as shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings];

“**Diversion Works Stage 2**” means the Diversion Inlet Channel, Diversion Inlet Structures, Diversion Tunnels, Diversion Outlet Structures and Diversion Outlet Channel as shown on Drawing 1016-C17-00105 of Appendix 6-3 [Drawings], excluding only the orifices and tunnel plugs shown on that Drawing;

“**Diversion Works Stage 2 Milestones**” has the meaning set out in Section 3.1(g) of this Appendix 4-1 [BC Hydro Project Schedule];

“Drainage Gallery” means the Drainage Gallery in the RCC Buttresses as shown on the Drawings;

“Earthfill Dam” means the Earthfill Dam as shown on the Drawings;

“Gate Storage Chamber Pad” means the Gate Storage Chamber RCC Pad as shown on Drawing 1016-C02-01007 of Appendix 6-3 [Drawings];

“Hydro-Mechanical Equipment” means the hydromechanical equipment for the diversion structures as described in Sections 13 60 00 of Appendix 6-2 [Technical Specifications];

“Interface” means an activity described in the Project Schedule Milestone Table in Section 2.1 of this Appendix 4-1 [BC Hydro Project Schedule] which has been assigned a number in the column entitled “Interface No.”;

“Interface Date” means the date specified for an Interface in the Project Schedule Milestone Table in Section 2.1 of this Appendix 4-1 [BC Hydro Project Schedule];

“Laydown Area” means an area designated for temporary use during construction of the Project and that can be used for any construction purpose unless otherwise specifically excluded;

“Milestone” means an activity described in the Project Schedule Milestone Table in Section 2.1 of this Appendix 4-1 [BC Hydro Project Schedule] which has been assigned a number in the column entitled “Milestone No.”;

“Milestone Date” means the date specified for a Milestone in the Project Schedule Milestone Table in Section 2.1 of this Appendix 4-1 [BC Hydro Project Schedule];

“Powerhouse Buttress” means the portion of the RCC Buttress designated as the Powerhouse Buttress on the Drawings;

“Right Bank Cofferdam” means the Stage 1 Cofferdam constructed on the right bank of the Peace River as shown on the Drawings;

“Service Bay Pad” means the Service Bay RCC Pad as shown on Drawing 1016-C02-01007 of Appendix 6-3 [Drawings];

“Site C Substation” means the Site C Substation as shown on the Drawings;

“Site C Substation Phase 1” means the portion of the Site C Substation designated as Phase 1 on Drawing 1016-C05-00400 of Appendix 6-3 [Drawings];

“Site C Substation Phase 2” means the portion of the Site C Substation designated as Phase 2 on Drawing 1016-C05-00400 of Appendix 6-3 [Drawings];

“Site C Substation Phase 3” means the portion of the Site C Substation designated as Phase 3 on Drawing 1016-C05-00400 of Appendix 6-3 [Drawings];

“Spillway Buttress” means the portion of the RCC Buttress designated as the Spillway Buttress on the Drawings;

“Stilling Basin Downstream” means the downstream portion of the Spillway Buttress described as “RCC Construction Stage 1 First Year” on Drawing 1016-C02-01007 of Appendix 6-3 [Drawings];

“Tailrace Channel” means the Tailrace Channel as shown on the Drawings;

“**Tailrace Wall**” means the Tailrace Wall as shown on the Drawings; and

“**Transmission Line Right of Way in Area A**” means the right-of-way for the 138 kV transmission lines, 25 kV construction power line and south bank road shown on Drawing 1016-C05-00400 and Drawing 1016-C05-00401 of Appendix 6-3 [Drawings].

2 PROJECT MILESTONES

2.1 Project Schedule Milestone Table

Milestone No.	Interface No.	Activity	Date
		1 - General	
	I1.1	Commence sharing roads (See Note 1)	Effective Date
M1.1		Complete all Work for Site C Substation Phase 1 and Phase 2 (See Note 2)	May 15, 2017
M1.2		Complete all Work for Laydown Area R6 for Other Contractors and provide Shared Road access (See Note 3)	August 1, 2017
M1.3		Complete all Work for Laydown Areas 27A and 30 and the Septimus Siding, and provide access to Other Contractors (See Note 4)	October 1, 2017
M1.4		Complete all Work for excavation and grading of Site C Substation Phase 3; and complete all Work for Laydown Area 24 and provide access for Other Contractors (See Note 5)	October 1, 2017
M1.5		Provide access for Other Contractors to Laydown Areas 28 and 29 (See Note 6)	January 1, 2018
M1.6		Complete all Work for Laydown Area 23 and provide access for Other Contractors (See Note 7)	October 1, 2018
M1.7		Complete all Work for handover of the Transmission Line Right of Way in Area A to Other Contractor	February 28, 2019
M1.8		Complete all Work for Laydown Area 20 and provide access for Other Contractors (See Note 8)	December 31, 2019
M1.9		Complete all Work for removal of the Moberly River Construction Bridge	July 1, 2022
	I1.2	Earliest date the Contractor can commence removal of the Peace River Construction Bridge	June 1, 2023
M1.10		Complete all Work for removal of the Peace River Construction Bridge	October 1, 2023
		2 - Left Bank Excavation	
M2.1		Complete all Work for Left Bank Excavation	December 15, 2021
		3 - Diversion Works	
M3.1		Complete all Work for Diversion Works Stage 2, excluding only the portions of the Work to be completed for M3.2 (See Note 9)	March 1, 2019
M3.2		Complete all Work for Diversion Works Stage 2 (See Note 10)	June 1, 2019

Milestone No.	Interface No.	Activity	Date
M3.3		Earliest date that the main channel of the Peace River can be constricted by commencing construction of the Cofferdam Closure Sections	August 1, 2019
	I3.1	Commencement of discharge restrictions from the Peace Canyon Generating Station (See Note 11)	September 1, 2019
	I3.2	Earliest date the Contractor can commence Tunnel Conversion	June 15, 2022
M3.4		Complete all Work for Tunnel Conversion	August 31, 2022
M3.5		Complete all Work to decommission Diversion Tunnels	November 15, 2023
4 - Cofferdams and Dam Works			
M4.1		Complete all Work for left and right portions of Stage 2 Upstream Cofferdam to elevation 433.9 m (See Note 12)	August 1, 2019
M4.2		Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 422 m (See Note 13)	October 15, 2019
M4.3		Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 427 m (See Note 14)	January 15, 2020
M4.4		Complete all Work for the Closure Section of the Stage 2 Downstream Cofferdam to elevation 418 m (See Note 15)	January 15, 2020
M4.5		Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 433.9 m	April 15, 2020
M4.6		Complete all Work for Earthfill Dam to elevation 433 m	September 1, 2021
M4.7		Complete all Work for Earthfill Dam to elevation 468.4 m	July 1, 2022
M4.8		Complete all Work for Earthfill Dam	September 1, 2022
5 - Approach Channel			
M5.1		Provide access to Approach Channel and complete work area upstream of Powerhouse Buttress for Other Contractors (See Note 16)	January 1, 2018
M5.2		Complete work area upstream of Spillway Buttress for Other Contractors (See Note 17)	October 31, 2018
M5.3		Complete work area upstream of Auxiliary Spillway for Other Contractors, and complete all Work for the Auxiliary Spillway excavation (See Note 18)	December 31, 2019
	I5.1	Earliest date the Contractor will be given exclusive use of the Approach Channel and can commence removal of work areas described in M5.1, M5.2 and M5.3	March 1, 2022
M5.4		Complete all Work for the Approach Channel	July 1, 2022
6 - RCC Buttress			
M6.1		Complete all Work for Stilling Basin Downstream, Powerhouse Buttress (excluding Drainage Gallery), Service Bay Pad, Gate Storage Chamber Pad and Tailrace Wall, and provide Shared Road access and work area downstream of Powerhouse Buttress for Other Contractor (See Note 19)	October 15, 2017

Milestone No.	Interface No.	Activity	Date
M6.2		Complete all Work for Spillway Buttress (excluding Drainage Gallery) and provide Shared Road access and work area downstream of Spillway Buttress for Other Contractor (See Note 20)	October 15, 2018
M6.3		Complete all Work for the Drainage Gallery in the Powerhouse Buttress and Spillway Buttress	June 30, 2019
M6.4		Complete all Work for the Drainage Gallery in the Dam Buttress and Core Buttress (See Note 21)	June 30, 2020
7 - Tailrace Channel and Right Bank Cofferdam			
M7.1		Complete all Work for Shared Road at Right Bank Cofferdam and provide access for Other Contractor (See Note 22)	October 15, 2017
	I7.1	Earliest date the Contractor will be given exclusive use of the Tailrace Channel and can commence removal of the work areas described in M6.1 and M6.2	April 1, 2022
	I7.2	Earliest date the Contractor can commence removal of the portion of the Right Bank Cofferdam east of its intersection with the Downstream Cofferdam	May 1, 2022
M7.2		Complete all Work for removal of the portion of the Right Bank Cofferdam east of its intersection with the Downstream Cofferdam, excavation of the Tailrace Channel, excavation of the Mid-Stream Island and placement of Riprap in the Tailrace Channel (See Note 23)	August 31, 2022
8 - Laydown Areas			
M8.1		Provide access to Laydown Area 26 for exclusive use by Other Contractors	October 1, 2017
M8.2		Complete all Work for Laydown Area 32A to elevation 415 m and Laydown Area 32B to elevation 402 m, and provide access for Other Contractors (See Note 24)	October 31, 2017
	I8.1	Laydown Area 32A available for placing fill in the Earthfill Dam up to elevation 420 m	September 1, 2018
M8.3		Complete all Work for Laydown Area 32A placing fill in the Earthfill Dam over this area to elevation 420 m, and make available for Other Contractors (See Note 25)	October 1, 2018
	I8.2	Laydown Areas 32A and 32B available for placing fill in the Earthfill Dam	July 1, 2020
M8.4		Complete all Work for placing fill in the Earthfill Dam over Laydown Areas 31 and 32B and provide access for Other Contractors (See Note 26)	August 1, 2020
	I8.3	Other Contractor to complete concreting the Auxiliary Spillway so the Contractor can commence filling the area to the east of the Auxiliary Spillway, and the adjacent Dam Crest Road	October 1, 2020
M8.5		Complete all Work for Dam Crest Road adjacent to the Overflow Spillway (See Note 27)	May 15, 2021
9 – Reservoir Filling			
M9.1		Complete all Work for Reservoir Filling, excluding Tunnel Conversion (See Note 28)	July 1, 2022

Milestone No.	Interface No.	Activity	Date
	19.1	BC Hydro to commence Reservoir Filling (See Note 29)	[To follow]

2.2 Notes to Project Schedule Milestone Table

1. Contractor to commence sharing all roads in accordance with Section 34 50 00 [Roads and Site Drainage], excluding the restrictions set out in Clause 1.5.5.3 of that Section, and except to the extent that such roads have not yet been constructed in accordance with the Works Program and Schedule and this Appendix 4-1 [BC Hydro Project Schedule]. The restrictions set out in Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage] will only apply to the sharing of roads on and from the dates specified in this Appendix 4-1 [BC Hydro Project Schedule] for such roads.
2. Contractor to complete all Work for Site C Substation Phase 1 and Phase 2 as shown on the Drawings, including:
 - a. excavation and grading for Site C Substation Phase 1 and Phase 2 within the limits shown on Drawing 1016-C05-00400 of Appendix 6-3 [Drawings], providing a graded work area for use by Other Contractors as shown on Drawing 1016-C05-00401 of Appendix 6-3 [Drawings] and described in Clause 2.7 of the Scope of Work, constructed according to Section 34 50 00 [Roads and Site Drainage];
 - b. construction of Shared Roads as shown on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings] connecting the Septimus Road and the Peace River Construction Bridge to the north and east boundaries of Site C Substation Phase 1 and Phase 2, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications]; and
 - c. commencing delivery of aggregate (stockpiles) and CIPC to Site C Substation Phase 1 and Phase 2 for use by Other Contractors, as described in Clause 2.7.1.6 of Section 01 11 10 of Appendix 6-1 [Scope of Work], and in accordance with the delivery schedule provided by Hydro's Representative. BC Hydro will use reasonable commercial efforts to provide the Contractor with advance notice of such deliveries as required by Other Contractors,

and in respect of the Shared Roads described in Note 2.b of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

3. Contractor to complete all Work for:
 - a. Laydown Area R6 within the limits shown on Drawing 1016-C01-00173 and Drawing 1016-C11-00800 of Appendix 6-3 [Drawings], compacted according to Section 13 40 00 of Appendix 6-2 [Technical Specifications];
 - b. vehicular access between Laydown Area R6 and the adjacent Shared Road, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications];
 - c. the Power Supply Point as indicated on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], according to Section 26 50 00 of Appendix 6-2 [Technical Specifications]; and
 - d. construction of the Shared Roads connecting Septimus Road and the Peace River Construction Bridge to Laydown Area R6, as indicated on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications],

and in respect of the Shared Roads described in Note 3.d of this Appendix 4-1 [BC Hydro Project Schedule] as well as the other Shared Roads shown on Drawing 1016-C01-00175 of Appendix 6-3 [Drawings] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34

50 00 [Roads and Site Drainage], except any such Shared Roads otherwise specifically covered in this Appendix 4-1 [BC Hydro Project Schedule].

4. Contractor to complete all Work for:

- a. Laydown Area 30 within the limits shown on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], and constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications];
- b. Shared Road adjacent to Laydown Area 30, and provide vehicular access between the Shared Road and Laydown Area 30, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications];
- c. Laydown Area 27A as shown on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], for exclusive use by Others Contractors, and constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications]; and
- d. vehicular access between Laydown Area 27A and the adjacent Shared Road, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications],

and commence sharing with Other Contractors:

- e. Laydown Area 30; and
- f. the Septimus Siding described in Section 3.8 Appendix 2-4 [Site Access, Conditions and Services] and Section 3.1.11 of Section 01 11 10 of Appendix 6-1 [Scope of Work],

and in respect of the Shared Road and access road described in Note 4.b of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

5. Contractor to complete all Work for construction of Site C Substation Phase 3 and Laydown Area 24, including:

- a. commencing delivery of aggregate (stockpiles) and CIPC to the Site C Substation Phase 3 for use by Other Contractors, as described in Clause 2.7.1.6 of Section 01 11 10 of Appendix 6-1 [Scope of Work], and in accordance with the delivery schedule provided by Hydro's Representative. BC Hydro will use reasonable commercial efforts to provide the Contractor with advance notice of such deliveries as required by Other Contractors;
- b. completion of Shared Road to Laydown Area 24 from Septimus Road as shown on Drawing 1016-C01-00175 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications]; and
- c. if the Contractor has extracted material from Laydown Area 24, then the Contractor will leave Laydown Area 24 in a level and self-draining state for use by Other Contractors, as described in Section 01 11 10 of Appendix 6-1 [Scope of Work]. If the Contractor has not extracted material from Laydown Area 24, then no site preparation of Laydown Area 24 will be required,

and in respect of the Shared Road described in Note 5.b of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage], and provide access to Laydown Area 24 for Other Contractors.

6. Contractor to complete all Work for vehicular access to Laydown Area 28 and Laydown Area 29 from Septimus Road as shown on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications], and provide access for Other Contractors. No site preparation is required for Laydown Area 28 or Laydown Area 29.

7. Contractor to complete all Work for:

- a. Laydown Area 23 within the limits shown on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], as described in Section 01 11 10 of Appendix 6-1 [Scope of Work]. If the Contractor has not extracted material or disturbed the ground at Laydown Area 23, then no site preparation for Laydown Area 23 will be required;
- b. vehicular access between the adjacent Shared Road and Laydown Area 23, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications]; and
- c. construction of a Shared Road sufficient to provide access to Laydown Area 23 as indicated on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications],

and in respect of the Shared Roads and access road described in Notes 7.b and 7.c of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

8. Contractor to complete all Work for:

- a. Laydown Area 20 within the limits shown on Drawing 1016-C01-00173 of Appendix 6-3 [Drawings], as described in Section 01 11 10 of Appendix 6-1 [Scope of Work], including site preparation unless the Contractor has not extracted material or disturbed the ground at Laydown Area 20;
- b. vehicular access between the adjacent Shared Road and Laydown Area 20, constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications]; and
- c. construction of a Shared Road sufficient to provide access to Laydown Area 20 as indicated on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications],

and in respect of the Shared Road and access road described in Notes 8.b and 8.c of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

9. Contractor to complete:

- a. all Work for Diversion Works Stage 2, excluding only those items listed for completion in Note 10 of this Appendix 4-1 [BC Hydro Project Schedule]; and
- b. stockpiling of rockfill required for construction of the rockfill berm shown on Drawing 1016-C17-00228 of Appendix 6-3 [Drawings], Phase 4 of the Cofferdam Reference Design (the scope of this Milestone may be adjusted by BC Hydro to conform to the Contractor's design of the Closure Section).

10. Contractor to complete all remaining Work for Diversion Works Stage 2, including: commissioning of the Hydro-Mechanical Equipment; removal of the Diversion Inlet Cofferdam and Diversion Outlet Cofferdam; completion of the riprap in the Diversion Inlet Channel and Diversion Outlet Channel; and commissioning of the Temporary Upstream Fishway.

11. Discharge restrictions from the Peace Canyon Generating Station are described in Memorandum "Operation of Upstream Generating Stations During Construction" (Data Room ID# 1016.REF.00453).

12. Contractor to complete left and right portions of Stage 2 Upstream Cofferdam to elevation 433.9 m as shown on Drawing 1016-C17-00227 of Appendix 6-3 [Drawings] and all Work to minimize the volume of the Closure Section (the scope of this Milestone may be adjusted by BC Hydro to conform to the Contractor's design of the Closure Section).

13. Contractor to complete all Work to bring the Closure Section of the Stage 2 Upstream Cofferdam to elevation 422 m, in accordance with Section 13 30 00 of Appendix 6-2 [Technical

Specifications]. The planning and execution for the construction of the Closure Section will include raising the cofferdam uniformly in a manner that allows the restrictions on discharges from the Peace Canyon Generating Station referenced in Note 11 of this Appendix 4-1 [BC Hydro Project Schedule] to be progressively eased while maintaining the specified freeboard.

14. Contractor to complete all Work to bring the Closure Section of the Stage 2 Upstream Cofferdam to elevation 427 m, constructed according to Section 13 30 00 of Appendix 6-2 [Technical Specifications].
15. Contractor to complete all Work to bring the Closure Section of the Stage 2 Downstream Cofferdam to elevation 418 m, constructed according to Section 13 30 00 of Appendix 6-2 [Technical Specifications].
16. Contractor to complete all Work for:
 - a. Shared Road access from Septimus Road and the Peace River Construction Bridge through the Approach Channel to the working area described in Note 16.c of this Appendix 4-1 [BC Hydro Project Schedule], for use by Other Contractors as shown on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings] and constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications];
 - b. Class 1 and Class 2 Excavation for the area described in Note 16.c of this Appendix 4-1 [BC Hydro Project Schedule], as shown on Drawing 1016-C17-00800 of Appendix 6-3 [Drawings]; and
 - c. a graded work area for use by Other Contractors in the Approach Channel as described in Clause 2.7 of the Scope of Work, and constructed according to Section 34 50 00 [Roads and Site Drainage],

and in respect of the Shared Road described in Note 16.a of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

17. Contractor to complete all Work, including Class 1 and Class 2 Excavation, for extending the working area described in Note 16.c of this Appendix 4-1 [BC Hydro Project Schedule] along the upstream side of the Spillway Buttress as shown on Drawing 1016-C17-00800 of Appendix 6-3 [Drawings].
18. Contractor to complete all Work, including Class 1 and Class 2 Excavation, for extending the working area described in Note 17 of this Appendix 4-1 [BC Hydro Project Schedule] along the upstream side of the Auxiliary Spillway, and foundation protection for the Auxiliary Spillway as shown on Drawing 1016-C17-00802 of Appendix 6-3 [Drawings].
19. Contractor to complete all Work for:
 - a. Stilling Basin Downstream, Powerhouse Buttress (excluding the Drainage Gallery), Service Bay Pad, Gate Storage Chamber Pad and Tailrace Wall;
 - b. Class 1 and Class 2 Excavation for the area described in Note 19.c of this Appendix 4-1 [BC Hydro Project Schedule] as shown on Drawing 1016-C22-05000 of Appendix 6-3 [Drawings];
 - c. a graded work area for use by Other Contractors in the Tailrace Channel as described in Clause 2.7 of the Scope of Work, and constructed according to Section 34 50 00 [Roads and Site Drainage]; and
 - d. Shared Road connecting the Peace River Construction Bridge and Laydown Area R6 to the working area described in Note 19.c of this Appendix 4-1 [BC Hydro Project Schedule], as shown on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], constructed in accordance with Section 34 50 00 of Appendix 6-2 [Technical Specifications],

and in respect of the Shared Road described in Note 19.d of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

20. Contractor to complete all Work for:

- a. Spillway Buttress (excluding the Drainage Gallery);
- b. extending the working area described in Note 19.c of this Appendix 4-1 [BC Hydro Project Schedule] along the full width of the Spillway Buttress, including Class 1 and Class 2 Excavation, as shown on Drawing 1016-C22-05000 of Appendix 6-3 [Drawings]; and
- c. extending the Shared Road described in Note 19.d of this Appendix 4-1 [BC Hydro Project Schedule] along the full width of the Spillway Buttress,

and in respect of the Shared Road described in Note 20.c of this Appendix 4-1 [BC Hydro Project Schedule] implement the hauling restrictions in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

21. Contractor to complete all Work for:

- a. Drainage Gallery for the Dam Buttress and Core Buttress, including all drilling and grouting for each Drainage Gallery; and
- b. roadway along the top of the Dam Buttress and Core Buttress.

22. Contractor to complete all Work for the Shared Road on or along the Right Bank Cofferdam from the Peace River Construction Bridge to the work area described in Note 19.c of this Appendix 4-1 [BC Hydro Project Schedule], as shown on Drawings 1016-C01-00175 and 1016-C01-00176 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications], and commence sharing that Shared Road with Other Contractors in accordance with Clause 1.5.5.3 of Section 34 50 00 [Roads and Site Drainage].

23. Contractor to complete all Work for removal of the Right Bank Cofferdam, excavation of the Tailrace Channel, placement of Riprap in the Tailrace Channel and excavation of the Mid-Stream Island as shown on the Drawings.

24. Contractor to complete all Work to bring Laydown Area 32A to elevation 415 m and Laydown Area 32B to elevation 402 m, within the limits shown on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], and extend the Shared Road described in Note 22 of this Appendix 4-1 [BC Hydro Project Schedule] to such Laydown Areas as shown on Drawing 1016-C01-00176 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications], and commence sharing such Laydown Areas with Other Contractors.

25. Contractor to complete all Work for Earthfill Dam construction over Laydown Area 32A to elevation 420 m according to Section 31 70 00 of Appendix 6-2 [Technical Specifications], including completion of adjacent MSE Wall, constructed according to Section 31 76 00 of Appendix 6-2 [Technical Specifications], and extend the Shared Road described in Note 24 of this Appendix 4-1 [BC Hydro Project Schedule] to that Laydown Area and commence sharing such Laydown Area with Other Contractors.

26. Contractor to complete all Work for fill placing in the Earthfill Dam fill of Laydown Area 32B and Laydown Area 31 to the final required elevation as shown on the Drawings, in accordance with Section 31 70 00 of Appendix 6-2 [Technical Specifications], and extend the Shared Road described in Note 22 of this Appendix 4-1 [BC Hydro Project Schedule] to such Laydown Areas and commence sharing such Laydown Areas with Other Contractors.

27. Contractor to complete all Work for Dam Crest Road between WP-AC2 and WPDC4 as shown on Drawing 1016-C09-00100 of Appendix 6-3 [Drawings], constructed according to Section 34 50 00 of Appendix 6-2 [Technical Specifications].

28. Contractor to complete all Work required for Reservoir Filling, including M4.7 and M5.4 but excluding M3.4.
29. Reservoir Filling is anticipated to commence in the fall of 2022 and proceed in accordance with the Reservoir Filling Plan dated June 2014 (Data Room ID# 1016.REF.00427).

3 DIVERSION

3.1 Early Diversion

The Milestones in relation to the Stage 2 Diversion Works and Cofferdam Closure Sections indicate that:

- (a) the diversion works described in M3.1, M3.2 and M4.1 should be completed in the spring and summer of 2019;
- (b) in accordance with M3.3, the earliest date that the main channel of the Peace River can be constricted by the start of the Cofferdam Closure Sections is August 1, 2019; and
- (c) in accordance with M4.5, the Work for the Closure Section of the Stage 2 Upstream Cofferdam should be completed by no later than April 15, 2020.

If the Contractor wishes to accelerate the Work on the Cofferdam Closure Sections so as to divert the Peace River in the winter of 2018, the Contractor may submit a written request to Hydro's Representative for Consent setting out:

- (d) a detailed description of the Work that the Contractor wishes to accelerate;
- (e) the Contractor's reasons for accelerating such Work; and
- (f) the impact of the proposal, including:
 - (i) the proposed amendments to the Work Program and Schedule;
 - (ii) the benefits to BC Hydro and the Project;
 - (iii) the impact of the accelerated Work on work being performed by Other Contractors; and
 - (iv) any cost implications for BC Hydro.

BC Hydro anticipates that any Consent to an application to accelerate the Cofferdam Closure Sections under this Section 3.1 of Appendix 4-1 [BC Hydro Project Schedule] will be subject to the Contractor demonstrating to BC Hydro's satisfaction that the Contractor will complete:

- (g) all of the following Milestones (collectively, the "**Diversion Works Stage 2 Milestones**") by no later than the dates falling exactly one year prior to their respective Milestone Dates, as follows:
 - (i) M3.1 [Complete all Work for Diversion Works Stage 2, excluding only the portions of the Work to be completed for M3.2] by no later than March 1, 2018;
 - (ii) M3.2 [Complete all Work for Diversion Works Stage 2] by no later than June 1, 2018; and
 - (iii) M3.3 [Earliest date that the main channel of the Peace River can be constricted by commencing construction of the Cofferdam Closure Sections] by no earlier than August 1, 2018; and

- (h) all of the following Milestones (collectively, the “**Cofferdam Closure Milestones**”) by no later than the dates falling exactly one year prior to their respective Milestone Dates, as follows:
- (i) M4.1 [Complete all Work for left and right portions of Stage 2 Upstream Cofferdam to elevation 433.9 m] by August 1, 2018;
 - (ii) M4.2 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 422 m] by October 15, 2018;
 - (iii) M4.3 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 427 m] by January 15, 2019;
 - (iv) M4.4 [Complete all Work for the Closure Section of the Stage 2 Downstream Cofferdam to elevation 418 m] by January 15, 2019; and
 - (v) M4.5 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 433.9 m] by April 15, 2019.

If Hydro’s Representative gives Consent to such request then the Milestone Dates for the Cofferdam Closure Milestones will be amended as described in this Section 3.1 of Appendix 4-1 [BC Hydro Project Schedule], and the Interface Date for I3.1 will be amended accordingly.

3.2 Delayed Diversion

If the Contractor, for any reason, fails to achieve Milestones M3.1, M3.2 and M4.1 on or before October 1, 2019, then the Contractor will not commence any Work that will constrict the main channel of the Peace River (including the Cofferdam Closure Milestones) until, at the earliest, August 1, 2020, without Hydro’s Representative’s prior written approval.

BC Hydro anticipates that the October 1 date for the completion of Milestones M3.1, M3.2 and M4.1 in any year, and the following August 1 date for the commencement of Work that will constrict the main channel of the Peace River (including the Cofferdam Closure Milestones) will not be subject to adjustment for any reason whatsoever.

Nothing in this Section 3.2 of Appendix 4-1 [BC Hydro Project Schedule] prohibits the Contractor from performing the remaining Work necessary to achieve Milestones M3.1, M3.2 and M4.1 after October 1, 2019, and before the date for Liquidated Damages specified in Schedule 11 [Prices and Payment].

3.3 Diversion Dependent Milestones and Interfaces

If the Work is delayed as described in Section 3.2 of this Appendix 4-1 [BC Hydro Project Schedule], then the Milestone Dates and Interface Dates for the following Milestones and Interfaces will be extended by one year to the next following anniversary date:

- (a) I3.2 [Earliest date the Contractor can commence Tunnel Conversion];
- (b) M3.4 [Complete all Work for Tunnel Conversion];
- (c) M3.5 [Complete all Work to decommission Diversion Tunnels];
- (d) M4.2 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 422 m];
- (e) M4.3 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 427 m];

- (f) M4.4 [Complete all Work for the Closure Section of the Stage 2 Downstream Cofferdam to elevation 418 m];
- (g) M4.5 [Complete all Work for the Closure Section of the Stage 2 Upstream Cofferdam to elevation 433.9 m];
- (h) M4.6 [Complete all Work for Earthfill Dam to elevation 433 m];
- (i) M4.7 [Complete all Work for Earthfill Dam to elevation 468.4 m];
- (j) M4.8 [Complete all Work for Earthfill Dam];
- (k) I7.2 [Earliest date the Contractor can commence removal of the portion of the Right Bank Cofferdam east of its intersection with the Downstream Cofferdam];
- (l) M7.2 [Complete all Work for removal of the portion of the Right Bank Cofferdam east of its intersection with the Downstream Cofferdam, excavation of the Tailrace Channel, excavation of the Mid-Stream Island and placement of Riprap in the Tailrace Channel];
- (m) M9.1 [Complete all Work for Reservoir Filling, excluding Tunnel Conversion]; and
- (n) I9.1 [BC Hydro to commence Reservoir Filling].