

LOWER CHURCHILL PROJECT	CHANGE ORDER Between Company and Contractor
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Agreement No:	CH0032-001	CHO No.	06
Agreement Title:	Supply & Install Powerhouse and Spillway Hydro-Mechanical Equipment	Rev. No:	00
Company:	Muskrat Falls Corporation	CHR No.	N/A
Contractor:	Andritz Hydro Canada Inc.	Date:	18-Mar-2015

Description of Change:

The Exhibit 9 – Interface and Milestone Schedule included in the Agreement is deleted in its entirety and replaced by the enclosed Exhibit 9 (Revised 3 March 2015) – Interface and Milestone Schedule.

Contractor shall delay mobilization until new schedule is issued by Company.

Supporting information that forms part of this Change Order:

- Attachment 1 – AH Letter No. PM 001 dated 10 September 2014 – CH0032 – Notification of Delays / Possible Delay to Milestone Date
- Attachment 2 - LCP Letter No. LTR-CH0032001-0009 dated 15 December 2014 – Exhibit 9 – Interface and Milestone Schedule – Revision
- Attachment 3 – AH Letter No. PM 003 dated 18 December 2014 – CH0032 – Response to Letter LTR-CH0032001-009
- Attachment 4 – AH Letter No. PM 004 dated 9 January 2015 – Exhibit 9 – Interface and Milestone Schedule – Revision – AH Request for Change Order
- Attachment 5 - LCP Letter No. LTR-CH0032001-0011 dated 13 January 2015 – Exhibit 9 – Interface and Milestone Schedule – Revision – AH Request for Change Order
- Attachment 6 – AH Letter No. PM 006 dated 6 February 2015 – Exhibit 9 – Interface and Milestone Schedule – Revision – AH Request for Change Order – AH reply to LCP Letter LTR-CH0032001-0011
- Attachment 7 – AH Letter No. PM 009 dated 17 February 2015 – Spillway Construction Delay Costs and Schedule Impacts & Release of AH Purchase Order for Spillway Electrical Building

Change Includes: <input type="checkbox"/> Price <input checked="" type="checkbox"/> Schedule	Original Contract Price	CAD\$ 122,932,996.00
		Euro 60,880,279.00
Adjustment Type: <input type="checkbox"/> Lump Sum <input type="checkbox"/> Unit Rate	Previous Change Orders Price	CAD\$ 20,177,979.00
<input type="checkbox"/> Fixed Amount <input type="checkbox"/> Estimate	This Change Order Price	<i>Refer to Notes 1 & 2</i>
<input type="checkbox"/> Reimbursable	Total Contract Price to Date	CAD\$ 143,110,975.00
		Euro 60,880,279.00

Note 1: Financial consequences of the subject Change Order will be addressed under a separate Change Order

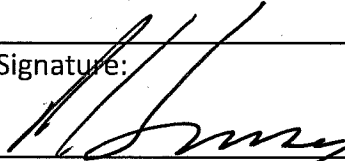
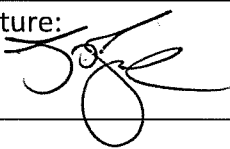
Note 2: Contractor shall make its best effort to mitigate the costs.

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Impact on Control Schedule:
Refer to the enclosed Exhibit 9 (Revised 3 March 2015) – Interface and Milestone Schedule.

Revised Finished Date: No change

This Change Order shall form and be read and construed as an integral part of the above-noted Agreement.

Issued by Company:		Acknowledgement of Contractor Receipt:	
Supply Chain Manager or Delegate Name: Pat Hussey		Signature: _____	
Signature: 	Date: 19 Mar 2015	Name: _____	
Company Representative Name: Scott O'Brien		Date: _____	
Signature: 	Date: 19 Mar 2015	_____	

Part 2
Exhibit 9 (Revised 3 March 2015)
Interface and Milestone Schedule
Package Number: CH0032

EXHIBIT 9

INTERFACE AND MILESTONE SCHEDULE

Contractor shall comply with the requirements outlined in Part 2, Exhibit 9 - Work and Milestone Schedule. Contractor's schedule shall clearly indicate bidder's work plans and methods, as well as interfaces with other parties. Contractors Control Schedule Baseline Document shall align with this Exhibit 9.

The schedule shall be provided in portable document format (PDF) and native electronic format. Unless otherwise approved by company, the native file shall be generated from the Primavera planning software.

Interface and Milestone Schedule			
<u>Milestone No.</u>	<u>Interface No.</u>		Date
General			
M1		Contract Award	18 Dec 2013
M2		Substantial Completion of the Work	14 May 2018
Spillway			
M3a		Hydro-Mechanical primary embedded parts required for the Spillway slab delivered to Site (figure 1)	14 Mar 2014
M3b		Hydro-Mechanical primary embedded parts for the South Pier delivered to Site (figure 1)	21 Mar 2014
M3c		Hydro-Mechanical primary embedded parts for the Pier 1 delivered to Site (figure 1)	25 Apr 2014
M3d		Hydro-Mechanical primary embedded parts for the Pier 2 delivered to Site (figure 1)	16 May 2014
M3e		All remaining Hydro-Mechanical primary embedded parts required for all Piers as shown in figure 1 delivered to site. Includes Pier 3, Pier 4 and North Pier.	30 May 2014
M3f		All Hydro-Mechanical primary embedded parts required for downstream stoplogs delivered to site. (figure 2)	28 Nov 2014
M3g		All Rollway Hydro-Mechanical primary embedded parts delivered to site	29 Jan 2016
	I1A	Upstream of Spillway ready for start of Hydromechanical Works	To be advised by Company at least sixty (60) days in advance of the new date

Interface and Milestone Schedule			
<u>Milestone No.</u>	<u>Interface No.</u>		Date
	I1B	Downstream of Spillway ready for start of Hydromechanical Works	To be advised by Company at least sixty (60) days in advance of the new date
M4		Spillway all hydro-mechanical and electrical systems (including Trash Cleaner hoist) commissioned and ready for river diversion	13 Feb 2016
M5		Bay No. 1 Installation of Upstream and Downstream Stoplogs Complete	3 Oct 2016
M6		Bay No. 1 Rollway Ready for Installation of Sill Beams and Modification of the Gates	14 Mar 2017
M7		Bay No. 1 Stoplogs Removed and Ready for Operation	25 Apr 2017
M8		Bay No. 2 & 4 Installation of Upstream and Downstream Stoplogs Complete	5 Nov 2017
M9		Bay No. 2 & 4 Rollway Ready for Installation of Sill Beams and Modification of the Gates	18 Mar 2018
M10		Bay No. 2 & 4 Stoplogs Removed and Ready for Operation	29 Apr 2018
M11		Bay No. 3 & 5 Installation of Upstream and Downstream Stoplogs Complete	30 May 2017
M12		Bay No. 3 & 5 Rollway Ready for Installation of Sill Beams and Modification of the Gates	20 Sep 2017
M13		Bay No. 3 & 5 Stoplogs Removed and Ready for Operation	1 Nov 2017
Powerhouse			
M20a		Draft Tube Units 1& 2 Hydro-Mechanical, primary embedded parts, Delivered to Site	04 Jul 2014
M20b		Draft Tube Units 3 & 4 Hydro-Mechanical, primary embedded parts, Delivered to Site	05 Aug 2014
M21a		All Intake Unit 1 – Hydro-Mechanical primary embedded parts, delivered to Site	14 Apr 2014
M21b		All Intake Unit 2 – Hydro-Mechanical Primary embedded parts, delivered to Site	30 May 2014
M21c		All Intake Unit 3 – Hydro-Mechanical primary embedded parts, delivered to Site	16 Jun 2014

Interface and Milestone Schedule			
<u>Milestone No.</u>	<u>Interface No.</u>		Date
M21d		All Intake Unit 4 – Hydro-Mechanical Primary embedded parts, delivered to Site	25 Jul 2014
	17	Service Bay Draft Tube Gallery Ready for start of Hydromechanical Installation	1 Aug 2015
	18	Unit 1 – Draft Tube Structure Ready for start of Hydromechanical Installation	1 Oct 2015
	19	Unit 2 – Draft Tube Structure Ready for start of Hydromechanical Installation	12 Nov 2015
	I10	Unit 3 - Draft Tube Ready for start of installation of Hydromechanical Installation	21 Jan 2016
	I11	Unit 4 – Draft Tube Ready for start of installation of Hydromechanical Installation	3 Mar 2016
M22		All Draft Tube hydro-mechanical work complete, stoplogs installed in units 1 & 2, Bulkheads installed in units 3 & 4, and ready for water up of tailrace channel	9 Jul 2016

<u>Milestone No.</u>	<u>Interface No.</u>		Date
		Intake	
	I12	Unit 1 – Intake Structure Ready for start of Hydromechanical Intallation	1 Apr 2016
	I13	Unit 2 – Intake Structure Ready for start of Hydromechanical Installation	30 Jun 2016
	I14	Unit 3 – Intake Structure Ready for start of Hydromechanical Installation	28 Sep 2016
	I15	Unit 4 – Intake Structure Ready for start of Hydromechanical Installation	3 Jan 2017
M23		All Intake hydro-mechanical work (including trash cleaner) commissioned and ready for reservoir impoundment	22 Jul 2017

Interface I1A,

Spillway and Related Works required for upstream guides installation and concreting, including:

- Completion of Spillway Invert;
- Completion of Spillway piers and walls (upstream 2/3 portion only), including upstream bridge;
- Spillway Upstream Channel free for Hydro-Mechanical Contractor CH0032 occupation.

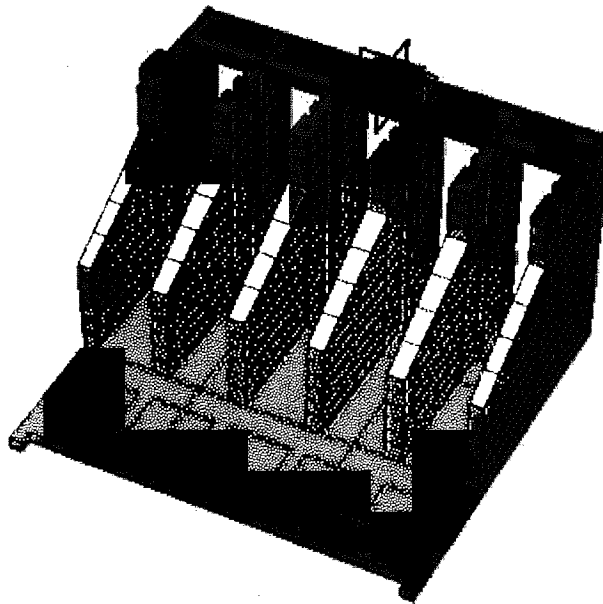


Figure 1 Spillway – Upstream Construction

Interface I1B,

Spillway and related works required for downstream stoplog guides, gates and hoists installation, including:

- Completion of Spillway piers and walls (downstream 1/3) including both Downstream Bridges and Access Ramp Retaining Wall;
- Completion of North Transition Dam;
- Completion of Northern 2 Monoliths of Center Transition Dam including the Electrical Building Platform;
- Completion of Spillway concrete Discharge Channel Phase 1;
- Completion of Separation Wall;
- Spillway Discharge Channel free for CH0032 occupation.

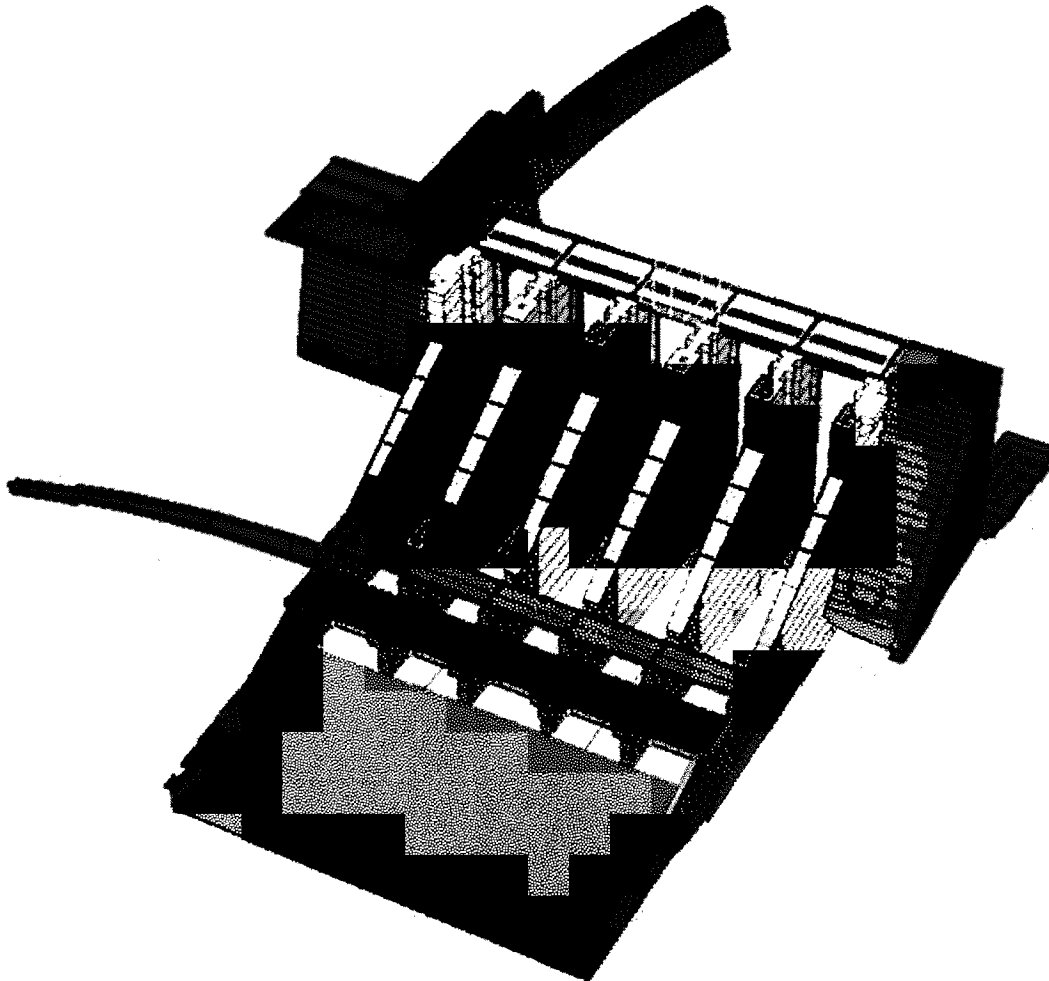


Figure 2 Spillway – Downstream Construction