

LTR-CH0007001-1430

Muskrat Falls Corporation

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September 26, 2016

ASTALDI Canada Inc.
114 Hamilton River Road
North Star Building,
Happy Valley-Goose Bay,
NL, Canada AOP 1C0

Attention: Don Delarosbil, Project Manager

Agreement No.: CH0007- 001 Construction of Intake and Powerhouse, Spillway and Transition Dams
Subject: Schedule Impacts and Indirect Costs

Dear Mr. Delarosbil:

Attachment A to this letter is a list of letters in which Contractor has given notice it is assessing schedule impacts and indirect costs associated with the referenced changes, change requests, field work orders or change orders. These notices date from June 24, 2014 through May 25, 2016.

The Agreement is clear as to the required cost and schedule information to be provided to allow the Engineer to assess the merits of any change, and when that information is to be provided. Contractor has had sufficient time to assess any cost or schedule impacts related to these changes, and to date has not quantified and submitted any such cost or schedule impacts. Accordingly, Company has proceeded on the basis that there are no cost or schedule impacts related to these changes, and will consider these items closed.

Regards,

Muskrat Falls Corporation



Scott O'Brien
Company Representative, Muskrat Falls Generation

ATTACHMENT A
ASTALDI LETTERS RE SCHEDULE OR COST IMPACTS

Aconex Letter Reference	Astaldi Letter Reference	Letter Date	Subject
LTR-CH0007001-0188		24-Jun-14	Article # 14 Changes in the Work at the Spillway in Accordance with IFC Drawings
LTR-CH0007001-0229	ACI / MFC-0112	12-Aug-14	Centre Transition Dam - Site Instruction - 009
LTR-CH0007001-0244	ACI / MFC-0119	21-Aug-14	Article 14: Changes in the Work: Rescue Team not Being Available on Site
LTR-CH0007001-0277		16-Sep-14	Limited Notice to Proceed Lower Churchill Project Civil Works, September 24, 2013
LTR-CH0007001-0349	ACI/MFC/0163	20-Nov-14	Construction of Intake Powerhouse, Spillway and Transition Dams Cost Proposal (Rev 2) for CHR#1002
LTR-CH0007001-0399	ACI/MFC/0195	08-Feb-15	Site Instruction No: CH0007001-0018 - Place Dry pack Lift SWBSA-03 As Per Photograph
LTR-CH0007001-0428	ACI/MFC/0183	20-Feb-15	Hoarding, Heating and Concrete Temperature Monitoring Method Statement
LTR-CH0007001-0490	ACI/MFC/0175	27-Mar-15	Change Request #1015 Rev 0 [ECN-CH0007001-0011] - Spillway & Powerhouse Electrical & Piping Drawing
LTR-CH0007001-0491	ACI/MFC/0197	27-Mar-15	Change Request No: 1013 - Grounding Changes - Engineering Change Notice #007 - Exothermic Connections at the Centre Transition Dam and the Spillway
LTR-CH0007001-0492	ACI/MFC/0198	27-Mar-15	Change Request No: 1016 - ECN-CH0007001-0012 - Changes to Exterior Doors - Hardware
LTR-CH0007001-0493	ACI/MFC/0199	27-Mar-15	Change Request No: 1017 - ECN-CH0007001-0010 - Reinforcement Bars & Concrete at the North Transition Dam
LTR-CH0007001-0494	ACI/MFC/0201	27-Mar-15	Change Request No: 1018 Rev 1 - ECN #0013 - Reinforcement Bars & Concrete at the South Transition Dam
LTR-CH0007001-0495	ACI/MFC/0205	27-Mar-15	Change Request No. 1020 - Supply & Installation of Concrete Encased PVC Conduits
LTR-CH0007001-0496	ACI/MFC/0206	27-Mar-15	Change Request No: 1021 - Powerhouse & Intake Superstructure Structural & Miscellaneous Steel
LTR-CH0007001-0497	ACI/MFC/0207	27-Mar-15	Change Request No: 1022 - ECN #0014 & ECN#0014 Rev1- Powerhouse Drainage & Dewatering Pumps Piping Systems
LTR-CH0007001-0498	ACI/MFC/0208	27-Mar-15	Change Request No: 1023 - ECN #006 - Embedded Piping Isometric Drawing, Waterstops, Piping, Electrical & Lighting
LTR-CH0007001-0499	ACI/MFC/0209	27-Mar-15	Change Request No: 1024 - ECN-CH0007001-0016 & ECN-CH0007001-0016 Rev1 Architectural Work for the Powerhouse Superstructure
LTR-CH0007001-0591	ACI/MFC-0297	30-May-15	Concrete Temperature Monitoring, Heating and Hoarding
LTR-CH0007001-0589	ACI/MFC-0299	31-May-15	Change Request 1009 ECN# 004 Rev. 0 & Rev.1
LTR-CH0007001-0590	ACI/MFC-0300	31-May-15	Change Request No: 1005- Engineering Change Notice# 0001 & 0002
LTR-CH0007001-0594	ACI/MFC-0304	03-Jun-15	LCP Muskrat Falls Contract No. CH0007 Change Request No: CHR 1031 Rev 0
LTR-CH0007001-0595	ACI/MFC-0302	03-Jun-15	Change Request No: CHR 1029 Rev 0
LTR-CH0007001-0596	ACI/MFC-0303	03-Jun-15	Change Request No: CHR 1030 Rev 0
LTR-CH0007001-0599	ACI/MFC-0306	10-Jun-15	Agreement on cost of Change Order CHO # 008 & 009
LTR-CH0007001-0610	ACI/MFC-0308	23-Jun-15	LCP Muskrat Falls Contract No. CH0007 Construction of Intake Powerhouse, Spillway and Transition Dams SQY-CH0007001-0208
LTR-CH0007001-0619	ACI/MFC-0314	30-Jun-15	Change Request No: CHR 1032 Rev. 1, & Ref. ECN#0026 Rev.1

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LTR-CH0007001-0620	ACI/MFC-0315	30-Jun-15	Change Request No: CHR 1033, Ref. ECN#0027
LTR-CH0007001-0623	ACI/MFC-0319	30-Jun-15	Change Request No: CHR 1031 Rev 1, ECN#0025 Rev.1 & CAN 301
LTR-CH0007001-0669	ACI/MFC-0334	23-Jul-15	Bussing of Workers Between Camp and Goose Bay Airport
LTR-CH0007001-0689	ACI- MFC-0367	02-Aug-15	Change Request #1017 Rev1
LTR-CH0007001-0690	ACI- MFC-0368	02-Aug-15	Change Request # 1033
LTR-CH0007001-0691	ACI- MFC-0369	02-Aug-15	Change Request # 1035
LTR-CH0007001-0693	ACI- MFC-0370	03-Aug-15	Change Request # 1032 Rev 1
LTR-CH0007001-0694	ACI- MFC-0371	03-Aug-15	Change Request# 1034
LTR-CH0007001-0695	ACI- MFC-0372	03-Aug-15	Change Request # 1040
LTR-CH0007001-0697	ACI-MFC-0374	05-Aug-15	CHR-1042 - Consolidation Grouting - Rock Foundation on Separation Wall
LTR-CH0007001-0698	ACI-MFC-0375	05-Aug-15	CHR -1043 Revised IFC Drawings Sub / Pkg 0007- 4308 Intake Miscellaneous Steel
LTR-CH0007001-0700	ACI-MFC-0377	05-Aug-15	ECN-CH0007001-0032 Rev 2 Update Spillway Pier Drawings Above Elevation 38.00 for Gate Hoist Tower Anchors
LTR-CH0007001-0701	ACI-MFC-0378	05-Aug-15	FWO-CH0007001-0028 Supply of Labour and Equipment for Ground Repairs at Infiltrator
LTR-CH0007001-0702	ACI-MFC-0379	05-Aug-15	FWO-CH0007001-0029 Provide Labour, Equipment and Materials to Dig Test Holes South of South Transition Dam
LTR-CH0007001-0731	ACI- MFC-0399	22-Aug-15	FWO # 0025 Repair at the Concrete Lab
LTR-CH0007001-0733	ACI- MFC-0395	22-Aug-15	FWO # 0021 Clean-up of Fallen Material near Diversion Ditch - LTR-CH0007-001-0686
LTR-CH0007001-0734	ACI- MFC-0396	22-Aug-15	FWO # 0023 Rock Block Removal on PH South Wall - L TR-CH0007 -001-0686
LTR-CH0007001-0735	ACI- MFC-0397	22-Aug-15	FWO # 0026 Excavate to Allow Pole Installation, then Backfill - LTR-CH0007-001-0686
LTR-CH0007001-0736	ACI- MFC-0398	22-Aug-15	FWO # 0024 Excavate & to Install Culverts, then Backfill
LTR-CH0007001-0737	ACI- MFC-0401	22-Aug-15	FWO # 0030 Extra Snow Clearing for Company - L TR-CH0007-001-0688
LTR-CH0007001-0761	ACI-MFC-0400	22-Aug-15	FWO # 0022 Stay Form at the Downstream End of Draft Tube Slab D2BSB-00
LTR-CH0007001-0764	ACI- MFC-0421	07-Sep-15	CHR # 1043 Updates to the Structural Drawings for Intake Cable Trench Covers
LTR-CH0007001-0765	ACI- MFC-0422	07-Sep-15	CHR # 1045 - Powerhouse Superstructure - Update of CSC Hatch Covers Drawings
LTR-CH0007001-0766	ACI- MFC-0423	07-Sep-15	CHR # 1047 Update of Embedded Conduits of Center Transition Dams
LTR-CH0007001-0768	ACI- MFC-0417	07-Sep-15	CHR # 1037 Change of the Gate Hoist Building Roof Opening
LTR-CH0007001-0770	ACI- MFC-0419	07-Sep-15	CHR # 1041 Separation Wall -Additional Rock Dowels Block# 1
LTR-CH0007001-0771	ACI- MFC-0420	07-Sep-15	CHR # 1042 Rev 1 Separation Wall - Consolidation Grouting
LTR-CH0007001-0774	ACI- MFC-0426	08-Sep-15	CHR # 1046, ECN-038 Update of Grounding Method for Guard Rails at the Top of Spillway Piers
LTR-CH0007001-0778	ACI- MFC-0429	13-Sep-15	CHR # 2030 - Grounding for Temporary Power
LTR-CH0007001-0809	ACI-MFC-0430	13-Sep-15	CHR # 1046 Rev 1, ECN-038 Update of Grounding Method for Guard Rails at the Top of the Spillway Piers
LTR-CH0007001-0821	ACI-MFC-0455	08-Oct-15	FWO # 0036 Connect Power to Andritz Trailer
LTR-CH0007001-0824	ACI-MFC-0451	13-Oct-15	FWO # 0027 Three (3) Test Holes in General Area Laydown F

Aconex Letter Reference	Astaldi Letter Reference	Letter Date	Subject
LTR-CH0007001-0825	ACI-MFC-0452	13-Oct-15	FWO # 0028 Earthwork Around the Infiltrator
LTR-CH0007001-0826	ACI-MFC-0453	13-Oct-15	FWO # 0032 Provide Rock Truck & Operator for Repair Work Around Well at Administration Area
LTR-CH0007001-0829	ACI-MFC-0457	13-Oct-15	CHR # 1051, ECN-041 Update of Powerhouse Embedded Dewatering Piping
LTR-CH0007001-0830	ACI-MFC-0458	13-Oct-15	CHR # 1050, ECN-040 - Update to Intake Gate Hoist Bldg. Roof Access - Ladder and Revision to Powerhouse Superstructure Columns Structural Tie Detail
LTR-CH0007001-0831	ACI-MFC-0459	13-Oct-15	CHR # 1053, ECN-042- Update of Trash Cleaning Machine Temporary End Stops at Centre Transition Dam
LTR-CH0007001-0832	ACI-MFC-0460	13-Oct-15	CHR # 1049, ECN-036- Update of Intake Roof Beam Piping Drawings Dam
LTR-CH0007001-0840		18-Oct-15	ECN No. 0032 Update of Spillway Piers drawings for the Gate Hoist Anchors
LTR-CH0007001-0846	ACI- MFC-0468	20-Oct-15	Force Majeure Event
LTR-CH0007001-0842	ACI- MFC-0470	21-Oct-15	FWO # 0034 Rev. 1 Revised Pricing for Earthwork at the North Side of LCP Admin. Bldg.
LTR-CH0007001-0850	ACI- MFC-0474	24-Oct-15	FWO # 0035 Earth Fill for Duct Bank
LTR-CH0007001-0851		25-Oct-15	FWO # 0039 Concrete for Outside of LCP Administration Building
LTR-CH0007001-0862	ACI/MFC-0479	31-Oct-15	Acknowledgement of Receipt of Change Order CHO-CH0007001-0011
LTR-CH0007001-0863	ACI/MFC-0480	31-Oct-15	Acknowledgement of Receipt of Change Order CHO-CH0007001-0012
LTR-CH0007001-0864	ACI/MFC-0481	31-Oct-15	Change Request #1019, SIN # 0016
LTR-CH0007001-0896	ACI-MFC-0504	21-Nov-15	FWO # 0033 Electrical Conduit at Spillway Access Road
LTR-CH0007001-0897	ACI-MFC-0507	21-Nov-15	CHR # 1058, ECN-043 Changes to Spillway Electrical Building bolts on Centre Transition Dam
LTR-CH0007001-0900	ACI-MFC-0506	21-Nov-15	FWO # 0042 Install Culvert and Provide Earth Berm to Allow Installation of Pole and 25KV Line to Provide Power to Barnard Trailers
LTR-CH0007001-0902	ACI-MFC-0508	22-Nov-15	CHR # 2041, SQY-0135 Rock Reconstruction in the Intake Unit 111BSB-00
LTR-CH0007001-0905	ACI-MFC-0517	26-Nov-15	CHR # 2031, FW0#-020- Rock Fall South Service Bay
LTR-CH0007001-0913	ACI-MFC-0519	26-Nov-15	Revised Pricing for FWO # 0042 Install Culvert and Provide Earth Berm to Allow Installation of Pole and 25KV Line to Provide Power to Barnard Trailers
LTR-CH0007001-0933	ACI- MFC-0528	09-Dec-15	Winter Works Plan
LTR-CH0007001-0962		13-Jan-16	Change Request # 1062, ECN# 046 Issuance of Isometric Drawing of Embedded Pile Line
LTR-CH0007001-0974	ACI- MFC-0543	30-Jan-16	Change Request #1066, ECN# 047 Turbine Embedded Parts Installation Sequence
LTR-CH0007001-0971	ACI-MFC-0547	31-Jan-16	Contemplated Change to the Water and Sewage Buried Lines
LTR-CH0007001-0979	ACI-MFC-0556	01-Feb-16	FWO # 0047 Purchase of Scaffolding Material (Used in FWO#038)
LTR-CH0007001-0977	ACI- MFC-0554	02-Feb-16	Acknowledgement of receipt of Change Order CHO-CH0007001-0014
LTR-CH0007001-0978	ACI- MFC-0555	02-Feb-16	Acknowledgement of receipt of Change Order CHO-CH0007001-0015
LTR-CH0007001-0984	ACI-MFC-0562	05-Feb-16	Installation of Piezometer Piping
LTR-CH0007001-0985	ACI-MFC-0563	05-Feb-16	Installation of Ten Embedded Steel Conduits
LTR-CH0007001-0986	ACI- MFC-0551	06-Feb-16	FWO # 0044 Remove Loose Rocks on Floor 24 of North Service Bay

Aconex Letter Reference	Astaldi Letter Reference	Letter Date	Subject
LTR-CH0007001-0987	ACI- MFC-0550	07-Feb-16	Dewatering and Electrical Power in the Spillway
LTR-CH0007001-1000	ACI-MFC-0568	10-Feb-16	CHR# 1038, ECN# 031 Rev. 0, 1 & 2 - Spillway Discharge Channel
LTR-CH0007001-1034	ACI-MFC-0588	04-Mar-16	Change Order CHO # 0017 for Miscellaneous Finalized FWO(s)
LTR-CH0007001-1051	ACI-MFC-0546	10-Mar-16	Hold on Piezometer and Inclinator Purchase, Drilling and Install
LTR-CH0007001-1052	ACI- MFC-0605	10-Mar-16	CHR # 1069, ECN-049
LTR-CH0007001-1061	ACI-MFC-0610	16-Mar-16	Change Order CHO # 0018 for Miscellaneous Finalized Change Requests
LTR-CH0007001-1064	ACI-MFC-0606	21-Mar-16	Revised Design Loads for the Structural Steel Truss Members at Powerhouse Grid 2
LTR-CH0007001-1065	ACI-MFC-0614	21-Mar-16	Change Order CHO # 0019 to Increase the Quantity for Site Maintenance Coarse Sand
LTR-CH0007001-1066	ACI-MFC-0603	21-Mar-16	Update of Electrical Drawings and Technical Specification Details and Locations
LTR-CH0007001-0904	ACI-MFC-0506	23-Mar-16	DUPLICATE - FWO # 0042 Install Culvert and Provide Earth Berm to Allow Installation of Pole and 25KV Line to Provide Power to Barnard Trailers
LTR-CH0007001-1077	ACI-MFC-0624	30-Mar-16	FWO # 0048 Snow Removal in Area B1 and at Bone Yard
LTR-CH0007001-1089	ACI-MFC-0631	05-Apr-16	Change Request# 1038 Rev. 2, ECN # 031 Rev. 0, 1, 2, & 3
LTR-CH0007001-1096	ACI-MFC-0630	09-Apr-16	Change request# 2043
LTR-CH0007001-1103	ACI-MFC-0625	16-Apr-16	FWO # 0049 Flagging Services at Caroline & Jacoby Bridges
LTR-CH0007001-1105	ACI-MFC-0635	16-Apr-16	Update of Powerhouse/Intake Electrical and Structural Drawings
LTR-CH0007001-1107	ACI-MFC-0642	16-Apr-16	FWO # 0051 Repairs to Damaged Water Stop in Bay 2 of Spillway
LTR-CH0007001-1108	ACI-MFC-0643	16-Apr-16	FWO # 0053 Diversion of Melting Water in Intake - Spillway Areas
LTR-CH0007001-1109	ACI-MFC-0636	16-Apr-16	Addition of (2+2) Anchor Bolts for Columns CJ PWH
LTR-CH0007001-1115	ACI-MFC-0640	22-Apr-16	Change Request 1075 Discharge Channel - Cost Reimbursable Work
LTR-CH0007001-1117	ACI- MFC-0650	25-Apr-16	April 20 Snowstorm St. John's Newfoundland
LTR-CH0007001-1123	ACI- MFC-0653	26-Apr-16	FWO # 0052 Snow Clearing at Crest of Cofferdams
LTR-CH0007001-1121	ACI-MFC-0639	27-Apr-16	CHR-1066 Rev. 0, ECN-047 Turbine Embedded Parts Installation Sequence
LTR-CH0007001-1122	ACI-MFC-0655	27-Apr-16	Changes to Quantities, Types, & Locations of Geotechnical Instrumentation Required at Transition Dams, Spillway & Intake
LTR-CH0007001-1132	ACI-MFC-0659	02-May-16	Accommodation complex: Shortage of rooms
LTR-CH0007001-1133	ACI-MFC-0657	02-May-16	Drilling of Drainage Holes in the South Service Bay
LTR-CH0007001-1136	ACI-MFC-0660	03-May-16	Lack of Resources - Ironworkers
LTR-CH0007001-1139	ACI-MFC-0664	05-May-16	Powerhouse Superstructure Columns Hold Released
LTR-CH0007001-1173	ACI- MFC-0683	21-May-16	Hydrostatic Testing Waiver
LTR-CH0007001-1176	ACI- MFC-0693	25-May-16	Notice of Default - Camp Accommodations