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Document Front Sheet

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NE-LCP	REVIEW DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, TEST METHODS OR MATERIAL DEVELOPED AND/OR SELECTED BY THE CONTRACTOR, NOR DOES IT RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH CONTRACTUAL OR OTHER OBLIGATIONS. <input type="checkbox"/> 01 – REVIEWED AND ACCEPTED – NO COMMENTS <input type="checkbox"/> 02 – REVIEWED – INCORPORATE COMMENTS, REVISE AND RESUBMIT <input type="checkbox"/> 03 – REVIEWED - NOT ACCEPTED <input checked="" type="checkbox"/> 04 – INFORMATION ONLY <input type="checkbox"/> 05 – NOT REVIEWED			
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	NE-LCP Management:	Date (dd-mmm-yyyy):		
<u>General Comments:</u>				

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Monthly Progress Report (July 2017)

MFA-CG-SD-3440-PM-A06-0001-01

A06



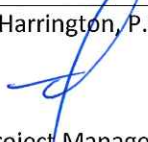
Client Reference:

CH0031-001

Supply and Install Mechanical & Electrical Auxiliaries MF

Project Reference:

TC006

A2	26-Sep-17	Review	Julie Canuel, P.Eng  Project Controls Manager	Elizabeth Percy, P.Eng  Project Engineer	Tim Harrington, P.Eng  Project Manager
Rev.	Date	Issued for	Revised by	Checked by	Approval by

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Revision History

Rev.	Location of Change	Date of Rev.	Brief Description of Change
A2	Per Rev A1 Code 02 Company Feedback	26-Sep-17	Issued for Review and Approval
A1	N/A	04-Aug-17	Issued for Review and Approval



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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

TABLE OF CONTENTS

1. EXECUTIVE SUMMARY 5

2. SIGNIFICANT ACCOMPLISHMENTS 5

3. CHALLENGES, DELAYS AND MITIGATIVE MEASURES 6

4. HEALTH AND SAFETY 6

 4.1 SAFETY STATISTIC 6

5. PROJECT PROGRESS AND SCHEDULE 7

 5.1 PROGRESS UPDATE 7

 5.2 PROGRESS CURVES 8

 5.3 DISCIPLINE HISTOGRAMS 8

 5.4 COMMODITY REPORTING 8

 5.5 PERFORMANCE REPORTING 8

 5.6 CRITICAL PATH / LONGEST PATH ANALYSIS 9

6. QUALITY STATISTICS 9

 6.1 QUALITY ASSURANCE / QUALITY CONTROL UPDATE 9

 6.2 QUALITY STATISTICS 9

 6.3 TESTING AND HOLD POINTS 9

7. ENGINEERING 9

 7.1 ENGINEERING UPDATE 9

 7.2 INTERFACE MANAGEMENT 9

 7.3 SITE QUERIES 9

8. COST AND FINANCIAL REPORT (SECTION 6 & 13) 10

 8.1 CONTRACT PRICE 10

 8.2 CONTRACT CHANGES 10

 8.3 FORECAST FINAL CONTRACT PRICE 10

 8.4 REIMBURSABLE COST STATUS 10

 8.5 CONTRACT INCURRED COST FLOW 10

 8.6 INVOICE AND PAYMENT STATUS 11

 8.6.1 *Payment Certificate* 11

 8.6.2 *Invoice and Payment Status* 11

 8.7 CASHFLOW FORECAST 12

9. CHANGE REQUEST STATUS 13

10. PROCUREMENT STATUS 14

 10.1 AWARD STATUS OF SUBCONTRACTOR OR SUPPLIES 14

 10.1.1 *Current EOI's* 14

 10.1.2 *Current RFP's* 14

 10.1.3 *Package Awards* 14

11. AUTHORITIES STATUS 14

 11.1 STATUS 14

 11.2 ENVIRONMENTAL REPORTING 14

 11.3 PERMITS 15

 11.3.1 *Permits Activities* 15

 11.3.2 *Key upcoming permit* 15

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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

12. PROVINCIAL BENEFITS REPORT (EXHIBIT 13)..... 15

13. MONTHLY RISK REPORT..... 15

 13.1 MAJOR RISK ACTIVITIES AND EVENTS15

 13.2 RISK REGISTER15

14. ATTACHMENT 1 – APPENDIX J CASHFLOW FORECAST 16

15. ATTACHMENT 2 – INCURRED AND COST FLOW REPORT 16

16. ATTACHMENT 3 – PROCUREMENT TRACKING..... 16

LIST OF FIGURES

FIGURE 1 - INCURRED CASHFLOW 11

FIGURE 2 - INVOICING SUMMARY TEMPLATE 12

FIGURE 3 - APPENDIX J CASHFLOW FORECAST 13



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 Mar 29, 2018 10:57

Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

1. Executive Summary

Contractor is pleased to report on a productive month of activities kicking off the CH0031-001 package for delivery of the Electrical and Mechanical Auxiliaries for the Muskrat Falls power generating station. Over the past weeks, Contractor has promptly brought together its core project management team including experienced personnel from both Cahill and Ganotec to begin the pre-mobilization phase of the project. Contractor’s immediate focus this period has been on the following areas:

- Project team and project office mobilization.
- Site mobilization and project execution planning.
- Coordination procedure development and refinement.
- Set-up of Contractor IT infrastructure including Project Controls progress measurement and finance platforms.
- Development and posting of EOIs for early permanent material packages and long lead items.
- Internal risk assessment sessions
- Project kick-off and workshop sessions with Company

Contractor is looking forward to the opportunity to successfully and efficiently execute the project work scope to the highest standards of safety and quality. The content of this document outlines the achievements, activities, and challenges experienced during this reporting period.

2. Significant Accomplishments

Contractor’s noteworthy accomplishments achieved during this reporting period have been provided below for reference:

- Confirmation and assignment of projection management team including several Contractor’s key personnel positions.
- Opening of Pre-mobilization project office in St. John’s, Newfoundland.
- Successful project kick-off meeting held between Company and Contractor.
- Collaborative workshop sessions completed between Company and Contractor focused around defined project Coordination Procedures.
- Management site visit to Muskrat Falls to tour powerhouse complex and assigned areas for future Contractor facilities.
- First EOI’s posted for early procurement packages including cable tray, grounding, lighting, switchgear, MCCs, etc.
- Site review of assigned Contractor’s Work Area (administration / laydown area, construction office space near powerhouse).
- First meeting with Innu Nation representatives to discuss upcoming procurement activities.



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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

3. Challenges, Delays and Mitigative Measures

A summary of project challenges and delays identified and updated for this period has been provided below:

#	CHALLENGE / DELAY	MITIGATION MEASURE	UPDATE / RESOLUTION
1.	Contractor's Work Area adjacent to the powerhouse is partially obstructed by other contractor facilities / equipment occupying the area. Area will need to be cleared prior to Contractor's mobilization effort.	Issue has been communicated to Company.	Pending
2.			

4. Health and Safety

4.1 Safety Statistic

BUSINESS UNIT/PROJECT: Lower Churchill Project			WEEK ENDING: JULY 2017
LOCATION: Muskrat Falls (Not on site) / St. John's Office			CONTRACTOR: Cahill Ganotec
MANHOURS	WEEKLY	YEAR TO DATE	PROJECT TO DATE
0	0	0	0
LEADING INDICATORS	WEEKLY	YEAR TO DATE	PROJECT TO DATE
High Potential Near Miss*	0	0	0
Near Miss Incidents	0	0	0
Orientations Completed	0	0	0
FLRA's Completed	0	0	0
TSAs Completed	0	0	0
Worksite Inspections	0	0	0

LAGGING INDICATORS	WEEKLY	YEAR TO DATE	PROJECT TO DATE
---------------------------	---------------	---------------------	------------------------



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Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

First Aid Cases	0	0	0
Medical Aid Cases *	0	0	0
Modified Work Injury Cases *	0	0	0
Lost Time Incidents (LTI) *	0	0	0
Fatalities *	0	0	0
Modified Work Days	0	0	0
Lost Time Days	0	0	0
Medical Aid Frequency	0.00	0.00	0.00
Modified Work Injury Frequency	0.00	0.00	0.00
LTI Frequency	0.00	0.00	0.00
*Recordable Incident Frequency	0	0	0
Property/Equipment Damage	0	0	0
Vehicle Incidents	0	0	0
Safety Absolute Incidents	0	0	0
Security Incidents	0	0	0
Hours since LTI	0		

5. Project Progress and Schedule

5.1 Progress Update

- Preliminary Control schedule development plan was submitted to Company on July 21th 2017.
- Control Schedule and control schedule baseline document to be formally submitted to Company on August 25th Contractor submitted to company the 90 Day early Schedule / mobilization schedule.
- Contractor is currently working on the Project Controls systems implementation. The systems are the following:
 - Cost Control – Hard Dollar
 - Progress & Quantity Reporting – OPS Management
 - Planning & Time card – Play of the Day (POD)
- Contractor is working on A Series documents. The table below list the A series document with document owner and expected submission dates.



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Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

SDRL Code	Type of Document	Document Owner	Informal Submission Due	Informal Submission Issued Date	Formal Submission Due Date	Formal Submission Issued Date
A01	Supplier Document Register (SDR)	Justin Curlew	4-Aug-17		18-Aug-17	
A02	Control Schedule	Stephane Lacasse	18-Aug-17		25-Aug-17	
A04	Risk Management Plan	Laurie Hildebrand	4-Aug-17		18-Aug-17	
A06	Monthly Progress Reports	Julie Canuel	NA		4-Aug-17	
A07	Project Execution Plan	Elizabeth Percy	18-Aug-17		25-Aug-17	
A07	Project Organization Chart	Elizabeth Percy	11-Aug-17		1-Sep-17	
A11	Logistics and Transportation Strategy	Frank Collins	11-Aug-17		25-Aug-17	
A28	Health and Safety Plan	Chris Kieley	13-Jul-17	13-Jul-17	11-Aug-17	
A35	Contract Specific Environmental Protection Plan (C- SEPP)	Chris Kieley	11-Aug-17	31-Jul-17	25-Aug-17	
A40	Monthly Environmental Performance Report	Chris Kieley	11-Aug-17		25-Aug-17	
A42	Schedule Development and Control Plan	Stephane Lacasse	21-Jul-17	24-Jul-17	4-Aug-17	
A44	Control Schedule Baseline Document	Stephane Lacasse	18-Aug-17		25-Aug-17	
A97	Labour Productivity Management Plan	Elizabeth Percy	4-Aug-17		18-Aug-17	
A98	Interface Register	Justin Curlew	11-Aug-17		18-Aug-17	
TBD	Cost Control Management Plan	Flavie Audet-Gagnon	4-Aug-17		18-Aug-17	
A99	90 Day Mobilization Schedule	Charles Lavigne	21-Jul-17	25-Jul-17	11-Aug-17	
Q03	Quality Plan	Brad Forsey	11-Aug-17		25-Aug-17	

5.2 Progress Curves

To be developed with Baseline Schedule.

5.3 Discipline Histograms

To be developed with Baseline Schedule.

5.4 Commodity Reporting

To be developed with Baseline Schedule.

5.5 Performance Reporting

To come when direct work starts in the field.



Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

5.6 Critical Path / Longest Path Analysis

Contractor is working on the Base Line schedule.

6. Quality Statistics

6.1 Quality Assurance / Quality Control Update

Key activities in progress for this period include:

- Development of Contractor Quality Management Plan. Submission planned for next period.

Upcoming activities planned for next period include:

- Collaborative workshop to be held with Company personnel to discuss expectations and requirements of the project Quality Management Plan. Workshop will be held on August 3rd, 2017.
- Submission and approval of Quality Management Plan.

6.2 Quality Statistics

The following table shows the Non-Conformity Reports summary for the project.

This Period				To Date			
Total	Open	Closed	Void	Total	Open	Closed	Void
0	0	0	0	0	0	0	0

6.3 Testing and Hold Points

No testing or hold points during the period.

7. Engineering

7.1 Engineering Update

To follow once engineering packages are issued.

7.2 Interface Management

The interface workshop was held on July 21st. Contractor's actions during the period was to progress the Interface Management Procedure and submit to Company on August 11th, 2017. The interfaces currently known by the Contractor will be identified in the execution plan.

7.3 Site Queries

No Site Queries during the period



Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

8. Cost and Financial Report (Section 6 & 13)

8.1 Contract Price

No change order has been approved during this period. Therefore, the actual contract status is as follow:

Original Contract Amount:	\$ 192,843,148.06
Approved Change Orders:	\$ 0.00
Total Contract Amount:	\$ 192,843,148.06

8.2 Contract Changes

Nothing to report at this time.

8.3 Forecast Final Contract Price

Previous Period	Current Period	Variance
\$192,843,148.06	\$192,843,148.06	\$0.00

8.4 Reimbursable Cost Status

No reimbursable cost during the period.

8.5 Contract Incurred Cost Flow

The table below represent the incurred cost flow amount for the period and the remaining cost to be incurred until end of Term. The table provided the Company will be submit on the 20 of the month and include in the next monthly report see appendix 6 for template.



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Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

Description	Original Contract Price	Actual Cost Incurred To Date	Cost to be Incurred to remainder of Term	Total Cost
Reimbursable Cost Labour	\$ 72,230,394	\$ -	\$ 72,230,394	\$ 72,230,394
Travel Allowances	\$ 4,975,871	\$ -	\$ 4,975,871	\$ 4,975,871
Indirect Costs (General) PMT	\$ 34,202,484	\$ 1,099,268	\$ 33,103,216	\$ 34,202,484
Mobilization	\$ 1,083,805	\$ -	\$ 1,083,805	\$ 1,083,805
Site Installation	\$ 4,091,565	\$ -	\$ 4,091,565	\$ 4,091,565
Demobilization	\$ 384,818	\$ -	\$ 384,818	\$ 384,818
Piping Mechanical - Design & Engineering	\$ 232,709	\$ -	\$ 232,709	\$ 232,709
Piping Mechanical - Supply & Installation	\$ 21,650,417	\$ -	\$ 21,650,417	\$ 21,650,417
HVAC System - Supply & Installation	\$ 14,276,404	\$ -	\$ 14,276,404	\$ 14,276,404
Electrical - Design & Engineering	\$ 255,307	\$ -	\$ 255,307	\$ 255,307
Electrical - Supply and Installation	\$ 26,509,281	\$ -	\$ 26,509,281	\$ 26,509,281
Electrical -Free Issued Materials - Assembly & Installation	\$ 1,720,027	\$ -	\$ 1,720,027	\$ 1,720,027
Architectural - Supply & Installation	\$ 4,986,925	\$ -	\$ 4,986,925	\$ 4,986,925
Diesel Generator System - Supply & Installation	\$ 737,589	\$ -	\$ 737,589	\$ 737,589
Piping Mechanical - Single Contractor Dynamic Commissioning	\$ 295,901	\$ -	\$ 295,901	\$ 295,901
HVAC System - Single Contractor Dynamic Commissioning	\$ 110,351	\$ -	\$ 110,351	\$ 110,351
Electrical - Single Contractor Dynamic Commissioning	\$ 1,503,558	\$ -	\$ 1,503,558	\$ 1,503,558
Diesel Generator System - Single Contractor Dynamic Commissioning	\$ 46,481	\$ -	\$ 46,481	\$ 46,481
Letter of Credit - Work - Agreement Article 7.1(a)	\$ 2,697,438	\$ 2,697,438	\$ -	\$ 2,697,438
Letter of Credit - Warranty Period - Agreement Article 7.1(b)	\$ 851,822	\$ -	\$ 851,822	\$ 851,822
Total	\$ 192,843,148	\$ 3,796,706	\$ 189,046,442	\$ 192,843,148

Figure 1 - Incurred Cashflow

8.6 Invoice and Payment Status

8.6.1 Payment Certificate

Payment certificates sent during the period:

Item	Payment Certificate Description	Amount (\$)	Issue Date	Status	Approval Date
1	July Milestone Staff & LOC	\$3,796,705.72	25-Jul-2017	Awaiting Client	TBD
2	September Neutral Funding	\$ 225,161.00	27-Jul-2017	Awaiting Client	TBD

8.6.2 Invoice and Payment Status

Contractor has not issued an invoice to Company during this period. No payment was dispensed by Company to Contractor to date. Below is an Invoicing summary template that will be provided in the Monthly Report.



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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

CH0031-001-Supply and Intall Mechanical and Electrical Auxiliaries

Invoicing Summary - (CAD)

Invoice Number	Actual / Forecasted invoicing date	Actual / Forecasted payment date	Contract Price	Lump sum CCO	T&M CCO	Total	Holdback
	TBD	TBD	\$ -	\$ -	\$ -	\$ -	\$ -
	TBD	TBD	\$ -	\$ -	\$ -	\$ -	\$ -
	TBD	TBD	\$ -	\$ -	\$ -	\$ -	\$ -

Figure 2 - Invoicing Summary Template

8.7 Cashflow Forecast

The table below represent the cash forecast report for the first three (3) months of the project. A complete cashflow forecast is available as:

- Attachment 1 – Appendix J Cashflow Forecast**
- Attachment 2 – Incurred and Cost Flow Report**



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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

04-Aug-17	2017-07	2017-08	2017-09
MONTH	1	2	3
Reimbursable Cost Labour	\$ -	\$ 389,958	\$ 201,697
Travel Allowances	\$ -	\$ -	\$ 26,864
Indirect Costs (General) PMT	\$ 1,099,366	\$ 1,099,366	\$ 1,099,366
Mobilization	\$ -	\$ -	\$ 162,571
Site Installation	\$ -	\$ -	\$ -
Demobilization	\$ -	\$ -	\$ -
Piping Mechanical - Design & Engineering	\$ -	\$ 116,354	\$ -
Piping Mechanical - Supply & Installation	\$ -	\$ -	\$ 535,343
HVAC System - Supply & Installation	\$ -	\$ -	\$ 29,734
Electrical - Design & Engineering	\$ -	\$ 127,653	\$ -
Electrical - Supply and Installation	\$ -	\$ -	\$ 2,143,250
Electrical -Free Issued Materials - Assembly & Installation	\$ -	\$ -	\$ -
Architectural - Supply & Installation	\$ -	\$ -	\$ 374,312
Diesel Generator System - Supply & Installation	\$ -	\$ -	\$ -
Piping Mechanical - Single Contractor Dynamic Commissioning	\$ -	\$ -	\$ -
HVAC System - Single Contractor Dynamic Commissioning	\$ -	\$ -	\$ -
Electrical - Single Contractor Dynamic Commissioning	\$ -	\$ -	\$ -
Diesel Generator System - Single Contractor Dynamic Commissioning	\$ -	\$ -	\$ -
INVOICE AMOUNT	\$ 1,099,366	\$ 1,733,332	\$ 4,573,136

Mechanics Lien Holdback	\$ (109,937)	\$ (173,333)	\$ (457,314)
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Repayment - Upfront Neutral Funding Payment	M1	M2	M3
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Letter of Credit - Work - Agreement Article 7.1(a)	\$ 2,697,438		
---	--------------	--	--

Letter of Credit - Warranty Period - Agreement Article 7.1(b)			
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TOTAL INVOICE AMOUNT	\$ 3,686,867	\$ 1,559,998	\$ 4,115,823
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Figure 3 - Appendix J Cashflow Forecast

9. Change Request Status

No change requests have been submitted during this period.



Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

10. Procurement Status

Please refer to:

Attachment 3 – Procurement Tracking

10.1 Award Status of Subcontractor or Supplies

10.1.1 Current EOI's

- TC006-EOI-E5202, Cable Tray and Support hardware – Closing July 31
- TC006-EOI-E5205, Electrical Distribution Equipment - Closing July 31
- TC006-EOI-E5201, Electrical Grounding – Closing August 10
- TC006-EOI-E5203, Lighting – Closing August 10
- TC006-EOI-SC011, Support Device Design and Detailing – Closing August 10
- TC006-EOI-H5302, HVAC Dampers – Closing August 10
- TC006-EOI-H5301, HVAC Fans – Closing August 10
- TC006-EOI-H5204, Transformer – Closing August 14
- TC006-EOI-H5601, Pumps – Closing August 14
- TC006-EOI-H5605, Compressors – Closing August 14
- TC006-EOI-L5103, Oil Storage Tank – Closing August 14

10.1.2 Current RFP's

No RFP's have been released to date.

10.1.3 Package Awards

No Package Awards have been released to date.

11. Authorities Status

11.1 Status

Contractor's construction manager has begun early steps to define and secure early permit requirements required for site mobilization activities.

11.2 Environmental Reporting

	MOE Reportable Spill											
	Total Spills - On Land (Liters)			On Land (Liters)			Total Spills - In Water (Liters)			Total Sediment Spills (Liters)		
	≤ 10	≥ 10	≥ 100	≤ 10	≥ 10	> 100	≤ 10	≥ 10	≥ 100	≤ 10	≥ 10	≥ 100
Period	0	0	-	-	-	0	-	-	-	-	-	-
Cumulative to-date	0	0	-	-	-	0	-	-	-	-	-	-



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Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

11.3 Permits

11.3.1 Permits Activities

11.3.2 Key upcoming permit

12. Provincial Benefits Report (Exhibit 13)

This section to following pending issue of the Monthly Benefits Reporting Template by the Company.

13. Monthly Risk Report

Contractor is currently developing its Risk Register which will be issued to Company during the next reporting period. First risk assessment session was held by Contractor’s management team on Friday July 28th, 2017. The Risk Management Plan draft is under development and will be submitted to Company next period.

13.1 Major Risk Activities and Events

No risk activities or events occurred during the period.

13.2 Risk Register

The risk matrix will be issued with the Risk Management Plan and will be included as an Appendix in the Monthly Report starting August 2017.



Doc. Name:	MONTHLY PROGRESS REPORT (JULY 2017)
Doc. No.:	MFA-CG-SD-3440-PM-A06-0001-01
Rev:	A2

14. Attachment 1 – Appendix J Cashflow Forecast

15. Attachment 2 – Incurred and Cost Flow Report

16. Attachment 3 – Procurement Tracking

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Package Number: CH0031
Supply and Install Mechanical and Electrical Auxiliaries - Muskrat Falls
TC006 Appendix J - Cashflow Forecast

MFA-CG-SD-3440-PM-A06-0001-01_A1
Month 01; 04-Aug-2017

APPENDIX J - ESTIMATED MONTHLY PAYMENT FORECAST SCHEDULE

Table with columns for MONTH (1-40) and Total. Rows include Reimbursable Cost Labour, Travel Allowances, Indirect Costs (General) PMT, Mobilization, Site Installation, Demobilization, Piping Mechanical - Design & Engineering, Piping Mechanical - Supply & Installation, HVAC System - Supply & Installation, Electrical - Design & Engineering, Electrical - Supply and Installation, Electrical - Free Issued Materials - Assembly & Installation, Architectural - Supply & Installation, Diesel Generator System - Supply & Installation, Piping Mechanical - Single Contractor Dynamic Commissioning, HVAC System - Single Contractor Dynamic Commissioning, Electrical - Single Contractor Dynamic Commissioning, Diesel Generator System - Single Contractor Dynamic Commissioning, INVOICE AMOUNT, Mechanics Lien Holdback, Repayment - Upfront Neutral Funding Payment, Letter of Credit - Work - Agreement Article 7.1(a), Letter of Credit - Warranty Period - Agreement Article 7.1(b), TOTAL INVOICE AMOUNT.

**Preliminary Estimate. Subject to change based on final payment terms, cash flow assumptions and detailed construction schedule and execution plan

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LOWER CHURCHILL PROJECT - Mechanical and Electrical Auxiliaries
CIVIL WORKS AGREEMENT NO: 905673-CH0031-001
Period Ending : 28-Sept-2017

COST REPORT

Item No.	WBS	Description	UOM	Estimated Quantity	Estimated Price (CAD) (1)	PROGRESS				FORECAST						2017				2018																
						Executed quantity		Incurred cost		Paid to date	Forecast Quantity	Changes			Forecast		Forecast Variance (W-3-2)	Commitment Variance (W-3-1)	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
						This period	To date	This period (26-Aug-2017 to 25-Sept-2017)	To date (as of 25-Sept-2017)			To Be Processed	Pending Approval	Approved	Previous Period (2)	Current Period (3)																				
1.0		GENERAL (BASE SCOPE OF WORK)																																		
001	3400	Mobilization (Price Item 1)	Lot	1	\$ 1,083,805.37	-	-	-	-	-	1	-	-	-	1,083,805.37	1,083,805.37	-	-																		
002	3400	Mobilization - LABOUR (Price Item 1)	Lot	1	\$ 833,302.62	-	-	-	-	-	1	-	-	-	833,302.62	833,302.62	-	-																		
003	3400	Site Installation (Price Item 2)	Lot	1	\$ 4,091,564.88	-	-	-	-	-	1	-	-	-	4,091,564.88	4,091,564.88	-	-																		
004	3400	Demobilization (Price Item 3)	Lot	1	\$ 384,818.37	-	-	-	-	-	1	-	-	-	384,818.37	384,818.37	-	-																		
005	3400	Demobilization - LABOUR (Price Item 3)	Lot	1	\$ 505,201.37	-	-	-	-	-	1	-	-	-	505,201.37	505,201.37	-	-																		
006	3400	Skiff Labour (Price Item PM)	Lot	1	\$ 34,202,483.60	-	-	-	-	-	1	-	-	-	34,202,483.60	34,202,483.60	-	-																		
007	3400	Estimate of Travel Cost for Trades Labour (Price Item 4)	Lot	1	\$ 4,975,871.23	-	-	-	-	-	1	-	-	-	4,975,871.23	4,975,871.23	-	-																		
008	3400	Letter of Credit - (Price Item 4c & 4d)	Lot	1	\$ 3,549,260.39	-	-	-	-	-	1	-	-	-	3,549,260.39	3,549,260.39	-	-																		
009	3400	PIPING/MECHANICAL (Price Items 5-1258b, 1659-1673)	Lot	1	\$ 22,179,026.56	-	-	-	-	-	1	-	-	-	22,179,026.56	22,179,026.56	-	-																		
010	3400	PIPING/MECHANICAL - LABOUR (Price Items 5-1258b, 1659 - 1673)	Lot	1	\$ 18,111,388.51	-	-	-	-	-	1	-	-	-	18,111,388.51	18,111,388.51	-	-																		
011	3340	HVAC SYSTEM (Price Items 1259-1286.5, 1674 - 1701.4)	Lot	1	\$ 14,386,754.65	-	-	-	-	-	1	-	-	-	14,386,754.65	14,386,754.65	-	-																		
012	3340	HVAC SYSTEM - LABOUR (Price Items 1259-1286.5, 1674 - 1701.4)	Lot	1	\$ 9,335,770.40	-	-	-	-	-	1	-	-	-	9,335,770.40	9,335,770.40	-	-																		
013	3400	ELECTRICAL (Price Items 1287-1587a, 1702 - 1725)	Lot	1	\$ 29,988,173.53	-	-	-	-	-	1	-	-	-	29,988,173.53	29,988,173.53	-	-																		
014	3400	ELECTRICAL - LABOUR (Price Items 1287-1587a, 1702 - 1725)	Lot	1	\$ 27,608,104.34	-	-	-	-	-	1	-	-	-	27,608,104.34	27,608,104.34	-	-																		
015	3320	ARCHITECTURAL (Price Items 1588- 1656)	Lot	1	\$ 4,986,924.86	-	-	-	-	-	1	-	-	-	4,986,924.86	4,986,924.86	-	-																		
016	3320	ARCHITECTURAL - LABOUR (Price Items 1588- 1656)	Lot	1	\$ 15,597,627.44	-	-	-	-	-	1	-	-	-	15,597,627.44	15,597,627.44	-	-																		
017	3340	DIESEL GENERATOR SYSTEM (Price Items 1657 - 1658, 1726)	Lot	1	\$ 784,070.16	-	-	-	-	-	1	-	-	-	784,070.16	784,070.16	-	-																		
018	3340	DIESEL GENERATOR SYSTEM - LABOUR (Price Items 1657 - 1658, 1726)	Lot	1	\$ 238,999.78	-	-	-	-	-	1	-	-	-	238,999.78	238,999.78	-	-																		
		SUB-TOTAL GENERAL			\$ 192,843,148.06										\$ 192,843,148.06	\$ 192,843,148.06																				
2.0		CHANGES																																		
CHO-XXX		Change Order - XXXXXX	XX	X	\$ -	-	-	-	-	-	0	-	-	-	-	-	-	-																		
CHR-XXX		Change Request - XXXXXX			\$ -	-	-	-	-	-	0	-	-	-	-	-	-	-																		
CHR-XXX		Change Request - XXXXXX			\$ -	-	-	-	-	-	0	-	-	-	-	-	-	-																		
					\$ -	-	-	-	-	-	0	-	-	-	-	-	-	-																		
					\$ -	-	-	-	-	-	0	-	-	-	-	-	-	-																		
		SUB-TOTAL CHANGE ORDERS			\$ -						0				\$ -	\$ -																				
TOTAL					\$ 192,843,148.06										\$ 192,843,148	\$ 192,843,148																				

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Discipline	POP No.	Long Lead	Description	EOI Posted Date Forecast (Green = Actual)	RFP Release Date Original Forecast	RFP Release Date Current Forecast	RFP Release Date Actual	Purchase Order Issue Date Forecast	Purchase Order Issue Date Planned	Purchase Order Issue Date Actual	Date of 1st Material Received Forecast	Date of 1st Material Received Planned	Date of 1st Material Received Actual
Architectural	C5501		Masonry Block Walls	24-Aug-17	25-Aug-17	31-Aug-17		21-Sep-17	21-Sep-17		2-Nov-17	2-Nov-17	
Architectural	C5502		Drywall, Drop Ceiling and Accessories	24-Aug-17	25-Aug-17	31-Aug-17		21-Sep-17	21-Sep-17		9-Nov-17	9-Nov-17	
Architectural	C5503		Flooring Materials (Vinyl, Ceramic, etc...)	15-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		23-Feb-18	23-Feb-18	
Architectural	C5504		Insulation and Vapour Barrier	23-Aug-17	6-Sep-17	15-Sep-17		27-Sep-17	27-Sep-17		22-Nov-17	22-Nov-17	
Architectural	C5505		Signage	26-Nov-17	10-Dec-17	10-Dec-17		31-Dec-17	31-Dec-17		25-Mar-18	25-Mar-18	
Architectural	C5506		Cabinets	29-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		2-Mar-18	2-Mar-18	
Architectural	C5507		Fire Stop Materials	23-Aug-17	6-Sep-17	8-Sep-17		27-Sep-17	27-Sep-17		13-Dec-17	13-Dec-17	
Architectural	C5508		Doors and Windows	15-Sep-17	9-Oct-17	29-Sep-17		30-Oct-17	30-Oct-17		22-Jan-18	22-Jan-18	
Architectural	C5509		Bathroom Accessories and Toilet Partitions	29-Sep-17	30-Oct-17	13-Oct-17		20-Nov-17	20-Nov-17		9-Apr-18	9-Apr-18	
Architectural	C5510		Wall and Corner Guards	29-Sep-17	30-Oct-17	13-Oct-17		20-Nov-17	20-Nov-17		9-Apr-18	9-Apr-18	
Architectural	SC013		Specialty Floor Coatings (Epoxy / Urethane)	23-Aug-17	30-Oct-17	15-Sep-17		20-Nov-17	20-Nov-17		9-Apr-18	9-Apr-18	
Coatings	SC002		Paint Subcontract	26-Nov-17	10-Dec-17	10-Dec-17		31-Dec-17	31-Dec-17		28-Jan-18	28-Jan-18	
Coatings	SC012		Cementitious Fireproofing Subcontract	22-Aug-17	12-Sep-17	15-Sep-17		3-Oct-17	3-Oct-17		12-Dec-17	12-Dec-17	
Electrical	E5200		Electrical / Instrumentation / Telecom Cables	16-Aug-17	30-Aug-17	15-Sep-17		20-Sep-17	20-Sep-17		13-Dec-17	13-Dec-17	
Electrical	E5200		POWER CABLE – 25 KV	16-Aug-17	30-Aug-17	15-Sep-17		20-Sep-17	20-Sep-17		13-Dec-17	13-Dec-17	
Electrical	E5200		Category 6 Data Tuff ACIC	16-Aug-17	30-Aug-17	15-Sep-17		20-Sep-17	20-Sep-17		13-Dec-17	13-Dec-17	
Electrical	E5201		Grounding	26-Jul-17	9-Aug-17	21-Aug-17	21-Aug-17	30-Aug-17	30-Aug-17		22-Nov-17	22-Nov-17	
Electrical	E5202		Cable Trays, Unistruts	21-Jul-17	4-Aug-17	11-Aug-17	11-Aug-17	25-Aug-17	25-Aug-17	31-Aug-17	20-Oct-17	20-Oct-17	
Electrical	E5203		Interior Lighting	26-Jul-17	9-Aug-17	25-Aug-17		30-Aug-17	30-Aug-17		15-Nov-17	15-Nov-17	
Electrical	E5203		Exterior Lighting	26-Jul-17	9-Aug-17	25-Aug-17		30-Aug-17	30-Aug-17		15-Nov-17	15-Nov-17	
Electrical	E5203		Exit Signs	26-Jul-17	9-Aug-17	25-Aug-17		30-Aug-17	30-Aug-17		15-Nov-17	15-Nov-17	
Electrical	E5204	x	Station Service Transformers	1-Aug-17	15-Aug-17	22-Aug-17	23-Aug-17	12-Sep-17	12-Sep-17		24-Jul-18	24-Jul-18	
Electrical	E5204	x	Medium Voltage Transformers	1-Aug-17	15-Aug-17	22-Aug-17	23-Aug-17	12-Sep-17	12-Sep-17		24-Jul-18	24-Jul-18	
Electrical	E5204	x	Dry bType Transformers up to 600V Primary	1-Aug-17	15-Aug-17	22-Aug-17	23-Aug-17	12-Sep-17	12-Sep-17		12-Dec-17	12-Dec-17	
Electrical	E5205	x	Panel Boards	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		15-Dec-17	15-Dec-17	
Electrical	E5205	x	Disconnect Switches	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		17-Nov-17	17-Nov-17	
Electrical	E5205	x	LowVoltage Switchgear	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		21-Sep-18	21-Sep-18	
Electrical	E5205	x	Motor Starters	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		15-Dec-17	15-Dec-17	
Electrical	E5205	x	600 V MOTOR CONTROL CENTRES	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		6-Apr-18	6-Apr-18	
Electrical	E5205	x	Enclosed Bus Assemblies	21-Jul-17	4-Aug-17	25-Aug-17	29-Aug-17	1-Sep-17	1-Sep-17		9-Feb-18	9-Feb-18	
Electrical	E5206	x	UPS Systems	16-Aug-17	10-Oct-17	10-Oct-17		7-Nov-17	7-Nov-17		1-May-18	1-May-18	
Electrical	E5206	x	125VDC Batteries, Battery Racks and Chargers	16-Aug-17	10-Oct-17	10-Oct-17		7-Nov-17	7-Nov-17		1-May-18	1-May-18	
Electrical	E5206	x	48VDC Batteries, Battery Racks and Chargers	16-Aug-17	10-Oct-17	10-Oct-17		7-Nov-17	7-Nov-17		1-May-18	1-May-18	
Electrical	E5206	x	UPS Bypass Static Switch	16-Aug-17	10-Oct-17	10-Oct-17		7-Nov-17	7-Nov-17		1-May-18	1-May-18	
Electrical	E5207		Cable Connectors (Glands)	23-Aug-17	6-Sep-17	8-Sep-17		27-Sep-17	27-Sep-17		22-Nov-17	22-Nov-17	
Electrical	E5208		Electrical Junction Boxes and Splitters	24-Aug-17	7-Sep-17	8-Sep-17		28-Sep-17	28-Sep-17		23-Nov-17	23-Nov-17	
Electrical	E5208		Electrical Termination Devices	24-Aug-17	7-Sep-17	8-Sep-17		28-Sep-17	28-Sep-17		23-Nov-17	23-Nov-17	
Electrical	E5210		Electric Heat	16-Aug-17	1-Jan-18	1-Jan-18		29-Jan-18	29-Jan-18		14-May-18	14-May-18	
Electrical	E5211	x	Lighting Control Panel	Internal	N/A	N/A		#VALUE!	#VALUE!				
Electrical	E5212	x	Temporary Ground Cables (Operations)	Direct Purchase	N/A	N/A		#VALUE!	#VALUE!				
Electrical	SC001		Temporary construction power supply	Internal	N/A	N/A		#VALUE!	#VALUE!		6-Oct-17	6-Oct-17	
Electrical	SC003	x	ATS & Load Management System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Electrical	SC007	x	Custom Built Control Panels (Mech Systems)	Internal	N/A	N/A		#VALUE!	#VALUE!				
Electrical	SC008	x	PLC AUXILIARY CONTROL PANEL# 1	Delete	N/A	N/A		#VALUE!	#VALUE!				
HVAC	H5300	x	FILTER HOUSING	16-Aug-17	30-Aug-17	15-Sep-17		27-Sep-17	27-Sep-17		30-May-18	30-May-18	
HVAC	H5300	x	AIR CONDITIONING UNIT	16-Aug-17	30-Aug-17	15-Sep-17		27-Sep-17	27-Sep-17		30-May-18	30-May-18	
HVAC	H5300	x	AIR COOLING UNIT	16-Aug-17	30-Aug-17	15-Sep-17		27-Sep-17	27-Sep-17		30-May-18	30-May-18	
HVAC	H5300	x	Heating & Ventilation Units	16-Aug-17	30-Aug-17	15-Sep-17		27-Sep-17	27-Sep-17		30-May-18	30-May-18	
HVAC	H5301	x	HVAC Fans	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		CENTRIFUGAL FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		HIGH PRESSURE BLOWER FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		ELECTROSTATIC MIST COLLECTOR FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		MIXED FLOW INLINE FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		INLINE BIFURCATED FIBREGLASS CENTRIFUGAL BLOWERS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	

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Discipline	POP No.	Long Lead	Description	EOI Posted Date Forecast (Green = Actual)	RFP Release Date Original Forecast	RFP Release Date Current Forecast	RFP Release Date Actual	Purchase Order Issue Date Forecast	Purchase Order Issue Date Planned	Purchase Order Issue Date Actual	Date of 1st Material Received Forecast	Date of 1st Material Received Planned	Date of 1st Material Received Actual
HVAC	H5301		CENTRIFUGAL INLINE FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		CENTRIFUGAL EXHAUST FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5301		EMERGENCY GENERATOR ENGINE EXHAUST SYSTEM FANS	26-Jul-17	9-Aug-17	25-Aug-17	29-Aug-17	6-Sep-17	6-Sep-17		28-Feb-18	28-Feb-18	
HVAC	H5302	x	Dampers	26-Jul-17	9-Aug-17	25-Aug-17		6-Sep-17	6-Sep-17		22-Nov-17	22-Nov-17	
HVAC	H5302		OPERATING DAMPERS	26-Jul-17	9-Aug-17	25-Aug-17		6-Sep-17	6-Sep-17		22-Nov-17	22-Nov-17	
HVAC	H5302		HEAVY DUTY BI-DIRECTIONAL DAMPERS	26-Jul-17	9-Aug-17	25-Aug-17		6-Sep-17	6-Sep-17		22-Nov-17	22-Nov-17	
HVAC	H5302		FIRE DAMPERS	26-Jul-17	9-Aug-17	25-Aug-17		6-Sep-17	6-Sep-17		22-Nov-17	22-Nov-17	
HVAC	H5304	x	HVAC Terminal Units	23-Aug-17	6-Sep-17	15-Sep-17		4-Oct-17	4-Oct-17		3-Jan-18	3-Jan-18	
HVAC	H5304	x	Duct Heaters	23-Aug-17	6-Sep-17	15-Sep-17		4-Oct-17	4-Oct-17		3-Jan-18	3-Jan-18	
HVAC	H5305	x	HVAC Condensers	23-Aug-17	6-Sep-17	15-Sep-17		4-Oct-17	4-Oct-17		21-Feb-18	21-Feb-18	
HVAC	H5307	x	Humidifiers	23-Aug-17	6-Sep-17	15-Sep-17		4-Oct-17	4-Oct-17		21-Feb-18	21-Feb-18	
HVAC	H5309		Duct Insulation	15-Sep-17	29-Sep-17	13-Oct-17		20-Oct-17	20-Oct-17		15-Dec-17	15-Dec-17	
HVAC	H5310		Grilles, Registers and Diffusers	29-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		12-Jan-18	12-Jan-18	
HVAC	SC009		EMCS HVAC CONTROL SYSTEM	Internal	N/A	N/A		#VALUE!	#VALUE!				
HVAC	SC010		Silencers	Internal	N/A	N/A		#VALUE!	#VALUE!				
HVAC	SC010		ROOF MOUNTED EXHAUST HOOD	Internal	N/A	N/A		#VALUE!	#VALUE!				
HVAC	SC010		REMOVABLE INSECT SCREEN	Internal	N/A	N/A		#VALUE!	#VALUE!				
HVAC	SC010		Ducting	Internal	N/A	N/A		#VALUE!	#VALUE!				
Instrumentation	J5600		Tubing, Fittings and Manifolds	29-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		29-Dec-17	29-Dec-17	
Instrumentation	J5601		Tagged Field Instruments	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		TEMPERATURE TRANSMITTER	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		DIFFERENTIAL PRESSURE SWITCH	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		LEVEL SWITCH	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		PRESSURE SWITCH	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		CURRENT TRANSMITTER	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		LEVEL TRANSMITTER	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		LEVEL Switch	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		SWITCH	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		PRESSURE TRANSMITTER	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5601		OVERFILL ALARM ACKNOWLEDGEMENT SWITCH	6-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5602		PRESSURE GAUGES	13-Oct-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		18-May-18	18-May-18	
Instrumentation	J5603		Instrumentation Junction Boxes	Internal	N/A	N/A		#VALUE!	#VALUE!		18-May-18	18-May-18	
Instrumentation	J5605	x	Generator Room Leak Detection System	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Instrumentation	J5606	x	Fuel Storage Tank Electrical Monitoring System	25-Sep-17	9-Oct-17	22-Oct-17		6-Nov-17	6-Nov-17		28-May-18	28-May-18	
Mechanical	M5600	x	DOUBLE WALL DAY TANK	25-Sep-17	9-Oct-17	22-Oct-17		6-Nov-17	6-Nov-17		2-Jul-18	2-Jul-18	
Mechanical	M5600	x	Diesel Electric Generating Unit	25-Sep-17	9-Oct-17	22-Oct-17		6-Nov-17	6-Nov-17		12-Mar-18	12-Mar-18	
Mechanical	M5600	x	CONCRETE ENCASED STEEL ABOVE GROUND TANK	25-Sep-17	9-Oct-17	22-Oct-17		6-Nov-17	6-Nov-17		2-Jul-18	2-Jul-18	
Mechanical	M5601		DEWATERING PUMP	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		16-Apr-18	16-Apr-18	
Mechanical	M5601		SERVICE WATER PUMP	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		16-Apr-18	16-Apr-18	
Mechanical	M5601		LUBRICATION Water Pump	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		16-Apr-18	16-Apr-18	
Mechanical	M5601		SUBMERSIBLE PUMP	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		30-Oct-17	30-Oct-17	
Mechanical	M5601		PUMP (3352-P- 6000/6001)	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		16-Apr-18	16-Apr-18	
Mechanical	M5601		PUMP (3353-P- 5000/5001)	31-Jul-17	14-Aug-17	23-Aug-17	24-Aug-17	11-Sep-17	11-Sep-17		16-Apr-18	16-Apr-18	
Mechanical	M5602		SELF CLEANING STRAINER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5602		STRAINER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5602		Y-STRAINER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5602		Filters	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5602		SAND FILTER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5602		FUEL OIL STRAINER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		3-Jun-18	3-Jun-18	
Mechanical	M5603		CONTROL ROOM WATER HEATER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		20-May-18	20-May-18	
Mechanical	M5603		MAIN WATER HEATER	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		20-May-18	20-May-18	
Mechanical	M5604		EYEWASH SYSTEM and HEATERS	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		6-May-18	6-May-18	
Mechanical	M5605	x	LOWPRESSURE COMPRESSOR	31-Jul-17	14-Aug-17	25-Aug-17		11-Sep-17	11-Sep-17		14-May-18	14-May-18	
Mechanical	M5605	x	HIGH PRESSURE COMPRESSOR	31-Jul-17	14-Aug-17	25-Aug-17		11-Sep-17	11-Sep-17		14-May-18	14-May-18	

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Discipline	POP No.	Long Lead	Description	EOI Posted Date Forecast (Green = Actual)	RFP Release Date Original Forecast	RFP Release Date Current Forecast	RFP Release Date Actual	Purchase Order Issue Date Forecast	Purchase Order Issue Date Planned	Purchase Order Issue Date Actual	Date of 1st Material Received Forecast	Date of 1st Material Received Planned	Date of 1st Material Received Actual
Mechanical	M5606	x	DOMESTIC WATER TREATMENT PLANT	24-Sep-17	8-Oct-17	8-Oct-17		5-Nov-17	5-Nov-17		16-Sep-18	16-Sep-18	
Mechanical	M5607		Waste Water Treatment	8-Oct-17	22-Oct-17	22-Oct-17		19-Nov-17	19-Nov-17		27-May-18	27-May-18	
Mechanical	M5608		Diesel Fuel Oil System	8-Oct-17	22-Oct-17	22-Oct-17		19-Nov-17	19-Nov-17		27-May-18	27-May-18	
Mechanical	M5609		Hoist in Dewatering Gallery	8-Oct-17	22-Oct-17	22-Oct-17		19-Nov-17	19-Nov-17		13-May-18	13-May-18	
Mechanical	M5610		MOBILE PUMP-FILTERING UNIT	1-Oct-17	15-Oct-17	15-Oct-17		12-Nov-17	12-Nov-17		6-May-18	6-May-18	
Piping	L5100		Piping and Fittings	N/A	N/A	N/A		#VALUE!	#VALUE!			28-Jan-00	
Piping	L5101		BALL VALVES	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		AUTOMATIC CLOSING BALL VALVE	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		FOOT VALVES	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		SOLENOID VALVES	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		CHECK VALVES	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		ANTI-SYPHON VALVES	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5101		BACKFLOW PREVENTER	5-Sep-17	19-Sep-17	17-Sep-17		17-Oct-17	17-Oct-17		30-Jan-18	30-Jan-18	
Piping	L5103		Oil Storage Tanks	31-Jul-17	1-Dec-17	1-Dec-17		29-Dec-17	29-Dec-17		3-Aug-18	3-Aug-18	
Piping	L5105		Pipe Insulation	15-Sep-17	29-Sep-17	13-Oct-17		20-Oct-17	20-Oct-17		26-Jan-18	26-Jan-18	
Piping	L5110		FLEXIBLE BRAIDED HOSES	29-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		9-Feb-18	9-Feb-18	
Piping	L5110		Misc Piping Materials And Accessories	29-Sep-17	13-Oct-17	13-Oct-17		3-Nov-17	3-Nov-17		9-Feb-18	9-Feb-18	
Piping	SC006	x	Service Water System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Shaft Seal Water System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Dewatering System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Drainage System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Oil Water Drainage	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Domestic Water System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Wastewater System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Lubricating/Hydraulic Oil System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Low Pressure Compressed Air System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Hi Pressure Compressed Air System	Internal	N/A	N/A		#VALUE!	#VALUE!				
Piping	SC006	x	Raw and Cooling Water Systems	Internal	N/A	N/A		#VALUE!	#VALUE!				
Risk and Loss	SC004	x	Powerhouse Fire Detection System –including the design, fabrication, supply, installation (where specialists are required), programming, testing, warranty and performance guarantee of the fire detection system.	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		13-Apr-18	13-Apr-18	
Risk and Loss	SC005	x	FLOW METER	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	FIRE PUMP	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		27-Apr-18	27-Apr-18	
Risk and Loss	SC005	x	JOCKEY PUMP	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	JOCKEY PUMP CONTROLLER	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	Hydropneumatic Tank	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	Powerhouse Fire Protection System – The work of this contract includes the design, fabrication, supply, installation (where specialists are required), programming, testing, warranty and performance guarantee of the fire protection system.	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	INERGEN SYSTEM	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Risk and Loss	SC005	x	DELUGE VALVE CABINET	11-Aug-17	25-Aug-17	1-Sep-17		22-Sep-17	22-Sep-17		16-Feb-18	16-Feb-18	
Structural	SC011		Vibration and Seismic Control	26-Jul-17	9-Aug-17	11-Aug-17	11-Aug-17	31-Aug-17	31-Aug-17		5-Oct-17	5-Oct-17	
Structural	SC011		Cable Tray and Pipe Systems Structural supports	26-Jul-17	9-Aug-17	11-Aug-17	11-Aug-17	31-Aug-17	31-Aug-17		26-Oct-17	26-Oct-17	
Structural	SC011		Maintenance Access Electrical Shaft Platforms	26-Jul-17	9-Aug-17	11-Aug-17	11-Aug-17	6-Sep-17	6-Sep-17				
Structural	SC011		Maintenance Access Mechanical Shaft Platforms	26-Jul-17	9-Aug-17	11-Aug-17	11-Aug-17	6-Sep-17	6-Sep-17				
Telecoms	T5250	x	Telecoms Panels	Internal	N/A	N/A							