Lower Churchill Project Astaldi Update – Jan 20, 2016





Take a NOTATION NOTATION

Key Messages

- Continuing with Astaldi (Contractor) to Powerhouse Contract completion is preferred
 - o Significant internal efforts in project execution, commercial and impact analysis support this
 - Confirmed by external stakeholders (eg. Canada, IE, Westney, etc.)
- Not a "normal" contractor dispute situation given when it has occurred in the cycle of contract completion and the potential financial impact it could have on Contractor's organization
- Initial offer structured to include components for unit rate production, key milestone achievement and stretch targets
- Detailed discussions between Project Team and Contractor has identified a schedule delay impact of 12-18 month
- Overall incremental cash flow impact to LCP will include above noted payments to Contractor plus (i) cost to carry MF site for delay period, (ii) potential third party claims, and (iii) bond interest/sinking fund payments that would have been recovered through PPA under original schedule
- Implications for NL pre-funded equity requirements under the Project Finance Agreements and Federal Loan Guarantee



Background

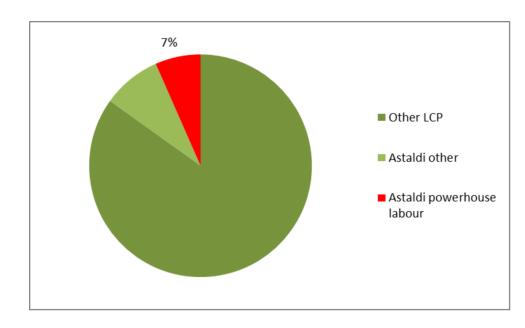


Astaldi in Context

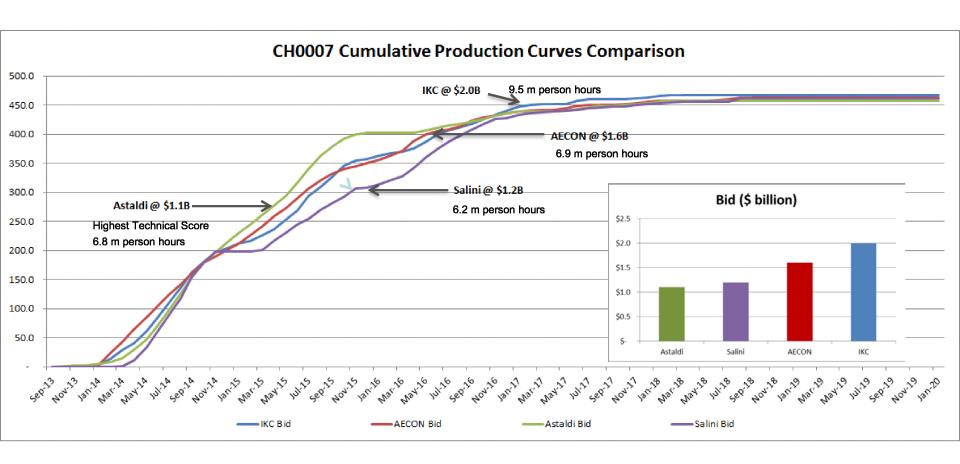
Lower Churchill Project	
Component	Amount (\$M)
Transmission line	2,160
DC specialties	1,156
MF Generation	3,068
Other	1,082
Contingency	187
Total	7,653

MF Generation		
MF Component	Amount (\$M)	
Infrastructure and Services	550	
Electrical/ Mechanical & Hydro-		
Mechanical	622	
Civil works	739	
Astaldi Scope	1,157	
Total	3,068	

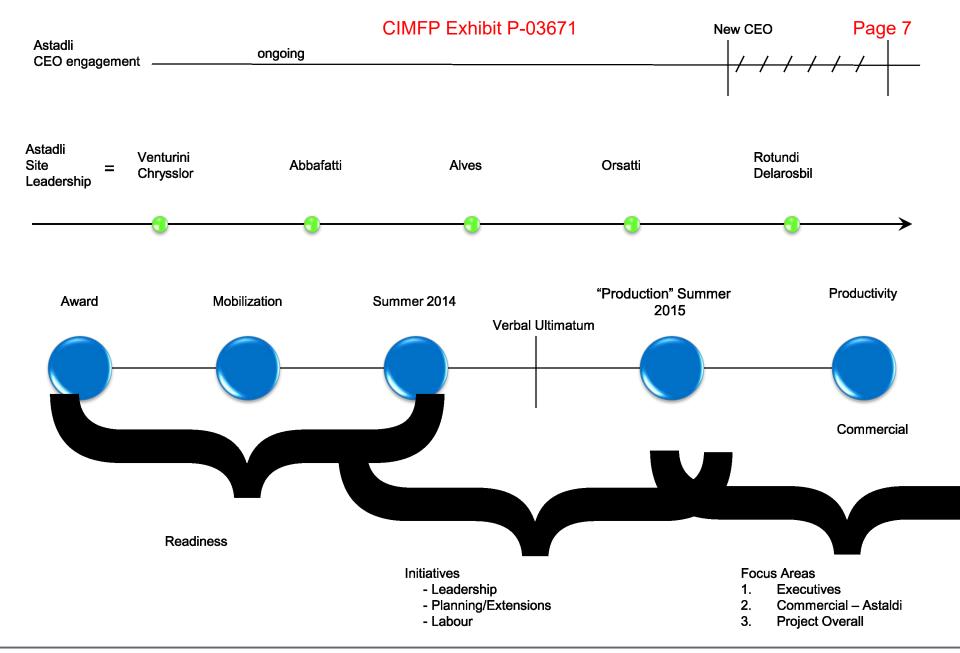
Astaldi Scope	
Astaldi Component	Amount (\$M)
Mob/Demob. and Infrastructure	233
Powerhouse Unit rated items (Fixed	
price)	201
Powerhouse Labour	504
Spillway and transition dams	219
Total	1,157



Benchmarking Astaldi with Competition







Preparations and Analysis

Privileged and Confidential in Contemplation of Litigation

Focus Area 1

Ensure steps are being taken to maximize and sustain Astaldi production

Focus Area 2

- Commercial Discussions
- Key targets and decision timelines



- Cost and cash curves of all scenarios bid rates, expected production rates, etc.
- Time curves of all scenarios

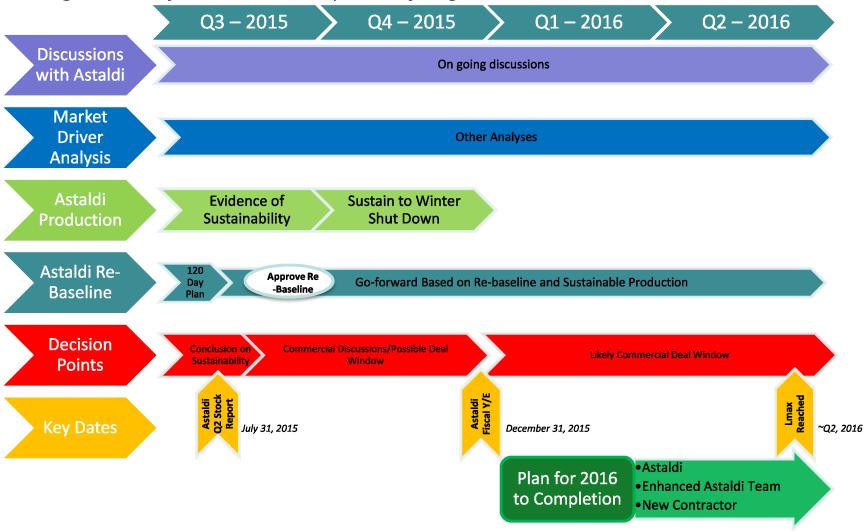
Focus Area 3

- Internal Investment Evaluation and external financial advisors assessing financial impact on both the Project and Contractor
- Includes the value of time to Nalcor and potential offsets (eg. Recall power via LIL pre-MF commissioning)



CIMFP Exhibit P-03671

Proactive Contingency Planning (Concept Schedule for 2015/2016)





Production Status



Muskrat Falls Site





Spillway Progress

November 2014

The spillway concrete works were at the stage when the base slabs were poured and the concrete piers were being started





November 2015

The spillway concrete works, transition dams and separation wall are complete. Astaldi have handed over to Andritz for the installation of the guides and gates



Separation Wall

November 2014

The separation wall had not been started





November 2015

The separation wall is complete



Centre Transition Dam

November 2014

The centre transition dam base slab was poured and formwork was being erected





November 2015

The centre transition dam is complete



Powerhouse and Intakes

November 2014

The powerhouse and intake concrete works were just started Unit 1 and 2





November 2015

The powerhouse and intake base slabs are poured, the scroll case formwork is erected and concrete works proceeding on all units



North Spur

November 2014

The North Spur stabilization contract not yet awarded and no work had started on stabilization





November 2015

The contract was awarded Q2 2015. The contractor has made good progress with the upstream cut-off wall complete and upstream slope stabilization well advanced; downstream slope stabilization is also well advanced



North and South Dams



November 2014 The basic design was complete. Contracts were out for bid but

not awarded



November 2015

The contract for north and south dams was awarded Q3 2015, the cofferdam that will close and divert the river in 2016 has started and the cofferdam to protect the powerhouse intakes is also well advanced



Execution Options



CH0007 Execution OptionSconfidential and Privileged in Contemplation of litigation

Terminate for Cause

Abandonment

Deal with Astaldi

Time

21-27 Months

21-27 Months

12-24 Months

Value

Carrying Costs IDC

Rev. & Opp. 3rd Party Direct Scope Completion Liability Exposure

- \$280-320 M
- 2-4 Bond Payments @ \$150 M Each
- Rev\$
- \$50-70 M
- \$325-\$800 M +
- Medium

- \$280-320 M+
- 2-4 Bond Payments @ \$150 M Each
- Rev\$
- \$50-70 M
- \$250-\$575 M +
- Medium/Low

- \$150-300 M
- 2-4 Bond Payments @ \$150 M Each
- Rev\$
- \$30-60 M
- \$250 M ????
- Current Contract



Execution Options with Remaining CH0007 Scope

Privileged and Confidential in Contemplation of Litigation

With Astaldi- No Deal (High Level of Uncertainty)

- High risk of 36+ months delay
- Astaldi use confrontational go slow approach
- Increase risk of quality and safety concerns
- Default risk with Canada
- Dispute process engaged quickly
- Further Claims highly likely in the future
- Risk of cumulative issue creation to increase compensation
- Interface risks with other contractors increases
- Continued risk of Astaldi corporate failure
- Risk of future switch out increases



Commercial



Next Steps – Commercial Strategy/Approach

Privileged and Confidential- In contemplation of litigation

- We cannot let next summer be used as a Lever
- Efficiency, efficiency, efficiency emphasis- productivity



Interim Approach - We talk in annual cash flows with money tied to 2016,
 2017 and 2018

Sharing our ideas in an open and supportive manner to achieve excellence.

Teamwork

Open Communication Fostering an environment where information

moves freely in a timely manner.

Honesty and Trust

Being sincere in everything we say and do.

Relentless commitment to protecting ourselves, our colleagues, and our community.

Safety

Respect and Dignity

Appreciating the individuality of others by our words and actions.

Leadership

Empowering individuals to help, guide and inspire others.

Holding ourselves responsible for our actions and performance.

Accountability

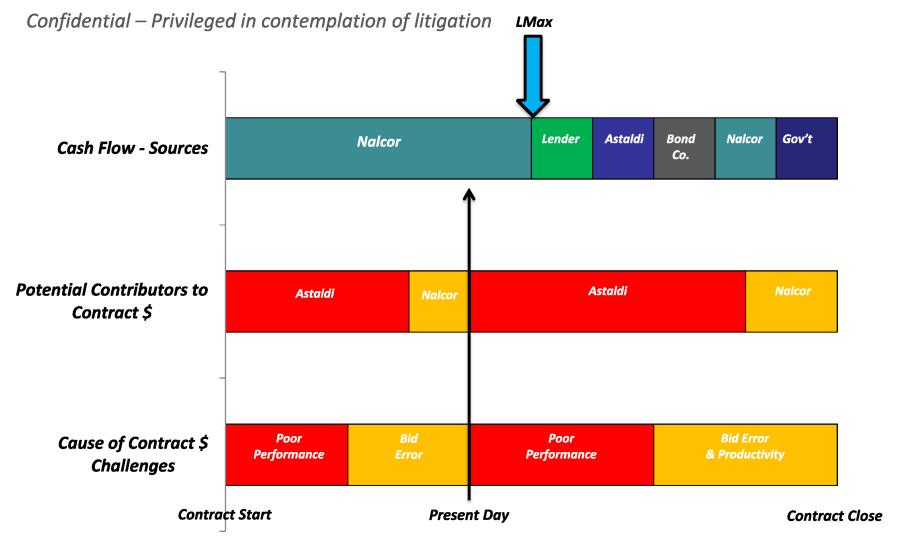


Commercial – Principles (Nalcor)

- Must continue to work diligently Threats to stop = default
- Must perform as good as another contractor
- Must continue to work on efficiency (Realistic Plan)
- Must achieve acceptable Quality
- Astaldi must take exposure equivalent to at least our value of time
- Astaldi must take exposure that equals at least their security (Not PG)
- We will not be exposed to any losses last year for poor performance
- Will not give up our strong contract position
- Must get something physical for any additional investment
- Must have full waiver of claims



Astaldi Contract – Cause vs Cash





Astaldi Discussions Since June 16

- Continued emphasis on Project delivery
- Rebaseline efforts well under way
 - Optimization discussions will be required
- Sustainability of production against rebaseline reinforced as a must
- CEO MOM signed
- Road Map document completed for July 31st
- Clawback of the advance payment deferred temporarily
- Meeting held on process
- Principles shared
- Schedule and cost meeting held where initial economic gap presented



Other Developments Since June 16

Privileged and Confidential- In contemplation of litigation



Site visit occurred – Pete Oppenheim – Retired US Army Corp of Engineers,
 Richard Tucker – University of Texas (Founder of CII, reknowned productivity expert), Richard Harding – Retired President of Bechtel Construction



- Investment Evaluation analysis input
- Ibb's report submitted

