From: Triassi Emanuele

To: Robasto Maurizio; Hoffman Jennifer; Vivian Luigi; Palumbo Mauro

Subject: Fwd: LCP Muskrat Falls - Nalcor Kick-off Meeting 19 Dec 2013 - Astaldi Presentation and Meeting Notes

Date: Saturday, December 21, 2013 9:07:01 AM
Attachments: 2013 12 19 Kickoff Meeting Notes.pdf

ATT00001.htm

Astaldi Master Presentation - Nalcor Kickoff Meeting - December 19 2013 v4.pdf

ATT00002.htm

Fyi

Sent from my iPad

Begin forwarded message:

From: "Tardif, Lorna (CA - Montreal)" < lornatardif@deloitte.ca>

To: "Venturini Guido" < <u>g.venturini@astaldi.com</u>>

Cc: "Chryssolor Ken" < <u>k.chryssolor@Astaldi.com</u>>, "Triassi Emanuele" < <u>E.Triassi@astaldi.com</u>>, "Shelley Paul" < <u>p.shelley@Astaldi.com</u>>, "Morse,

Drake Alexander (CA - Saint John)" < dmorse@deloitte.ca>

Subject: LCP Muskrat Falls - Nalcor Kick-off Meeting 19 Dec 2013 - Astaldi

Presentation and Meeting Notes

Good morning,

Attached please find a copy of the Powerpoint Presentation made by Astaldi during the Kick-Off Meeting and my notes from this meeting.

My observations:

- 1. Nalcor stated that they were very pleased with the Astaldi philosophy of safety and quality that came through in all of the Astaldi presentations. Said that they did not always see this from contractors.
- 2. Nalcor placed a lot of emphasis on the requirement for the Quality Manager to be an Astaldi employee based at site (Muskrat Falls). In Nalcor's words, they will be "relentless" on this.
- 3. Nalcor appear to be convinced that Astaldi will move quickly with construction once they start (concreting in the spillway in February 2014)
- 4. Astaldi did an excellent job in presenting its project management systems (safety, environment, quality, cost control, schedule control, etc.) We have created a level of expectation that will be difficult to fulfill.
- 5. Nalcor are anxious to set up work sessions (break-out sessions) with Astaldi on all of these systems starting in early January.
- 6. Nalcor spoke at some length of the "front end loading" that they have done

- engineering, planning, etc. work done by Nalcor prior to the start of construction. Nalcor considers that they are very ready to start this project, that they know it cold far better than Astaldi does given that Astaldi has not had the time yet to study the project to the same extent that Nalcor has.
- 7. Nalcor commented on the significant investment made by Nalcor in the 3D model and their recommendation that Astaldi make full use of this model during the construction process (can go to 4D we need to look at this).

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LCP - Muskrat Falls CH0007

NALCOR KICK-OFF MEETING - December 19th, 2013 - St. John's, Newfoundland

MEETING NOTES

Location: Delta Hotel, St. John's, Newfoundland

Time: 8:30 a.m. to 4:30 p.m.

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Attached documents

- 1. Agenda (includes list of attendees)
- 2. Meeting sign-in sheet
- 3. NALCOR organization chart (11 x 17 handout at start of meeting)
- 4. NALCOR Powerpoint presentation
- 5. ASTALDI Powerpoint presentation

1. Intro

Paul Harrington

We are on a mission
On the project for 8 years
Can only do it by working together
We are honest sincere people and we are fair
This is the single biggest contract on this project and we have got to make it work
This project is the future of the province – carries a heavy burden

Obstacles:

Federal loan guarantee – got it Environmental assessment – got it Agreement with aboriginals – got it

Transmission contract is now awarded. 500 km awarded. Another 1,100 to go. Massive piece of work 3 or 4 megaprojects all on the go at the same time

Scott, Ron, Desmond carrying the burden

Today – tops of the trees, not deep dive – that will be done by sub-groups Solution oriented, not problem focused

Start meetings with "Value Moment" – anchor back to one of the values

- Teamwork
- Open Communication
- Honesty and Trust
- Safety
- Respect and Dignity
- Leadership
- Accountability

2. LCP Organization and Overview

Ron Power - General Project Manager

JIT Just in Time

Key strategies for success

- Owner lead delivery team with financial responsibility (Hard to build a team get the right people)
- Front end loading (unlock opportunities / reduce risk) do a lot of work before you start construction
- Decision gate process (structured decision points)
- World class engineering consultant SNC Lavalin
- Engage top tier contractors and suppliers
- Scope into large packages
- Nalcor lean and efficient leverage large contractors

Nalcor spending on average \$100 million per month \$8 billion budget (incl. Emera work)

"Astaldi is key to Nalcor's success"

3. Scope of Work

Scott O'Brien

Company expectations – safe, on budget and on time delivery of the work in accordance with Nalcor's core values.

Emphasis on partnership

Crux of the project is at site. Need team culture and collaborative environment

Project schedule – SEE SLIDE (includes work by other contractors) (Guido took photograph – get copy or see slide)

Agreement (Ron Adamcyk is the "guru")

- Target price site labour model
- Fixed unit prices / lump sums
 - Equipment
 - Materials
 - Non labour costs
- Flow through trade labour travel cost

Lance Clarke

Nalcor has ownership – wants to know what is going on – but will let Astaldi to the job "this is yours, no question". Astaldi owns the bigger risk for execution. But there is some risk sharing so we have to work together. Need good engineering up front, good labour agreements, get people interested, road shows. Just the start of those things. Will need to talk about where productivity sits and where the opportunities are. We will help. If we get it below, project looks better, we save money, Astaldi has better profit. Then we go to Gull Island

Scott O'Brien

Key interfaces:

- CH-0006 Bulk excavation
- CH-0030 Turbines and generators
- CH-0032 Hydro mechanical equipment
- CH-0031 Balance of Plant
- Design interfaces (overbreak in powerhouse, massive package of dwgs coming early in the New Year.)

Turbines in manufacture in China. Andritz – Mark Peddle moving to China in the New Year. Delivery in 2015 for installation.

Gates – working under LNTP. Intake gates 180 tons each Embedments – early deliveries for gates packages 10:00 a.m. - BREAK

4. Astaldi Opening Comments

Guido Venturini

Greetings from President (Mr. Astaldi)

All corporate Astaldi fully committed to project

Unique opportunity – not only because of magnitude, but because this is the core of this Province, at announcement of financial closure – impressed that Premier was emotional. We are the contractor that must partner with Nalcor that must deliver to the people of this province

Commitment is the most important starting point

Commitment means daily interaction between site, St. John's, Rome (not so far – with us everyday) 6 visits from top mgmt. to Nfld since beginning of project

HR

Quality

ΙT

Fully committed to this project

Working / personal relations -

This is the first project where Guido has the honour to be given flowers when he arrived at airport Emotional

Trust – important – meeting with Ron everyday more or less – everytime Nalcor says they are doing something, it is done.

Solution oriented.

Rules

3 months working together. Feels like one year. Nalcor is very structured. This is a strength. We are also structured. Sometimes we feel we would like to be better – more structured. Internally, we always look at what is not going well. Will see later how we are structured.

Rules and responsibilities well defined. Project Mgr could not be here because of commitment he has had for one year. Available for conclusion.

Guido – link between site, Nalcor and Rome

Collaboration.

Interfaces – Astaldi is an EPC contractor, used to work in interfacing context. Andritz was our successful contractor on ____ project and is our sub on _____

We have a very performing office in Milan on electro-mechanics. Have to fit with concrete. Will involve this team on this project. Want to avoid risk

High expectations. We know we are a key contractor. Honoured to be. Not concerned but very focused on that. If we are not successful, this will be a big problem for you but Astaldi will disappear from North America. Astaldi is a shareholder company. Public company. Market is extremely sensitive. Increase of 8% because of award of this contract. But can punish us 15% if we do not perform.

Lmax – Target of Labour – Most important thing. Great opportunity.

Only a few people around the table know in detail what is in the Agreement.

Not complicated but quite ...

Sent email to my colleagues – every body has to know – mainly on target cost – how it is structured – labour and non labour component.

Astaldi safety moment – ice – don't put hands in pockets

Presentation of slides (see Powerpoint)

Lorna Tardif

Presentation on PMP

Question from Ron Power – re Kiewit's use of 3D model on Hydro-One project in Ontario

Guido Venturini

Discussion on Org Chart

Gilbert Bennett arrives (11:40 a.m.)

5. Execution Plan

Vittorio Robatio

Presentation of Execution Plan

Spillway – looked at cover. Timing important – get area covered early in winter – opportunity to do some work. Saving money by not putting sand. Ask for contribution to cover system – advantage to Nalcor. 85 m long 23 m wide. Do middle slabs – biggest ones. Do concrete for first 3 slabs – go up with piers. Pour concrete (ideal) end of February.

Cover will be here 06 Jan 2014

Foundations – prefabricated blocks. Came in yesterday – 7 trailers

Cover erected end of January

Go inside and start rock cleaning, foundation treatment.

Start with pour of overbreak concrete

18 cm thickness - about 1,000 m3 - should be able to do quickly

Use plant at site

Maintain plant as it was originally

Should start crushing very soon

Labour – 100 people in January

Office will be operational

Spillway cleared of ice

Excavators in

Placing insulated material

Place foundations in early January

Adjusted road to go down

Did survey

Taking over pumping system

Team to look after during winter holidays

Document submitted to defreeze

Remove 4 inch cover of carpets

Place serpentine with glycol piping

Reflective layer

Defrosting

Drill holes to monitor

Should go fast

Then wash rock

In February, working floor, steel and formwork in place, start foundations

Issue with drilling of anchors

Has to be done earlier

Lunch Break

6. 3D Presentation

Venturini with comments from Vittorio

Vittorio advised that peak in labour requirements is a big problem. Due to timing of electro mechanical work. Want to talk to Nalcor to optimize schedule.

7. Schedule Presentation

Pierre Cianni

Pierre - How many of you don't believe in planning?

Vittorio – History of Israel – many wars with Arabs since 1948. Why did the Israeli's always win? One reason, they were flexible, no rigid programs. Modify and adjust.

Section 7.3 of Exhibit 3 I agree with 75 to 80% of what is demanded

Detailed planning, pour by pour Weekly review of progress Walk around on site and see what is happening. 75% of effort is monitoring and updating

We will do whatever it takes to meet the milestones Progress curves derived from planning will be updated on weekly basis One per area and sub-area

Re-baselining – not often - only if there is a major change Only with client approval

Over progressing – take that out – we will not overprogress Did not go into detailed discussion of subsequent slides

8. Health and Safety

12:50 p.m.

Nalcor Intro - D. Riffe

Approaching health and safety as a team.

Enzo Raho

See slides

Nalcor comments

Challenge that Astaldi and Nalcor will face – tapping into a mobile work force. What has been Astaldi's experience working globally in getting worker engagement to safety. What tools do you use.

<u>Answer</u> (Enzo). Culture of communication of this message. Vertical org chart is simple. Use for non-complex activities. Horizontal roles dedicated to communication, improvement, philosophy of safety, can communicate ...

<u>Guido</u> – asks Enzo to share his experience in south of Italy where he was resp. for safety. <u>Enzo</u> – worked on project in Italy – last 5 yrs with Astaldi in south of Italy – where there is no real philosophy for health and safety. Our practice was to speak at every level and ensure performance ...

<u>Bennett- Nalcor</u> – safety is the most important thing we are going to talk about – not enough to talk about production, cost, schedule, quality...H&S here to support but it is the construction teams that have to make it happen

<u>Rick</u> (Astaldi safety manager). Have people who have worked all over Canada – have seen international levels of safety. Need to learn from them what they can bring to the table wrt safety. Pass it on. Everytime our supervisors meet with a worker – has to be <u>safety driven</u>.

Jason Kean (Nalcor Deputy Proj Mgr)

3 things

- 1. Caring about each other, about the worker,
- 2. Coaching
- 3. Communication

Positive recognition – safe work areas, leader, reinforce the positive

Vittorio

Evolution of how you use your hardhats at site Graphics is effective way to teach people Force into the minds

Guido

Experience of Chilian project

Dealing with communication consultants. Hard to care and coach if you cannot communicate. Thinking to use more modern tools on the market. Supported by communication consultants. Graphics.

Vittorio

Motorway in Italy – visual images of consequences of accidents.

Nalcor wrap-up - D. Riffe

Enzo's presentation good – thanks. See in room passion for safety. Look forward to meetings in January.

<u>Desmond Tranquilla</u> – pleased to see commitment to safety. Don't always get this level of commitment. Very encouraging.

9. Environmental

1:30 p.m.

Nalcor Intro - Marian Organ

R. Biles

See slides

Ron Power

Environmental just works on this project because of team that Marion has lead. Just outstanding. Any other transmission line project in the world, permitting is a big problem. Here it is under control.

Bennett

Environmental Assessment Hearings. This project is not without its share of controversy. Safety and environmental performance will contribute to how we are seen. We do what needs to be done. We do what is right.

Environmental is right up there with Safety.

Need to work together.

Plans. Processes. Need to follow through. We will collectively feel pain if we don't.

Guido

Astaldi awarded best project in South America re environmental. Would like to be awarded again for north America.

10. Quality

Nalcor Intro - M. Peddle

Pleased to hear many references in morning presentations on quality.

Draft quality plan – great document.

Fruitful sessions – thanks to Enzo and his team

Wants to hi-lite 3 or 4 areas, expectations from Nalcor's side

- 1. QA vs QC quote from hi level mgmt. strategy the strategies provide focus on the owners team as quality assurance as a lean quality assurance with QC squarely with contractor (inspection)
- 2. Astaldi Quality Manager realizes that Astaldi putting its team in place. Expectation that it be a permanent Astaldi employee. Why? Important that Astaldi quality culture is brought to the project. Key individuals have to have that culture. Will be relentless on that.
- 3. Have looked at last 12 months what has worked and what has not worked. One of the items expectation on Nalcor's behalf expect the Quality Manager to reside not in St. John's, not in Mtl, not Goose Bay but 100 m from the powerhouse. Needs to be... (Vittorio agreed). Needs to be in the action we will be relentless on that.
- 4. Prior to any work, need ITP's
- 5. Concluding remark got a bit of work to do on Quality Plan we are at 80% 90%. Real prize is proper implementation.

Vittorio

Introduces Marco Brollo – Panama 9,000 m3 per day. Followed procedures to the letter. Will do the same here.

Enzo Raho / W. Ball

See slides

Nalcor comments (David Green)

- Q Slide 78 15 Quality Control Inspectors average or peak?
- A Astaldi answer: not a set number
- Q Didn't see the word audit in the presentation

- A Quality plan includes audits definitely part of the process. Was mentioned in one slide
- Q How do you plan to get Best Practices used culture embodied. How do you make sure it remains entrenched.
- A Through communications

Vittorio Like health and safety, we will have courses. Book to study. Examinations.

Ron Power

Astaldi inspectors will inspect the work.

Concrete job. They say the pour is not ready and the construction mgr says it is, what happens.

<u>Vittorio</u> – this happens regularly. We do our own checks. Survey, cleaning, patches in place... then call for inspection. If disputes, look at together. Eventually, QC has the last work. But has to be common sense.

Ron Power – in the Agreement, because I put it in, Nalcor will sign before concrete is poured.

<u>Guido</u> – Mark you said that you wanted the quality manager to be an Astaldi employee. Astaldi has guaranteed that quality approach will benefit from our quality culture. One of the main goals that Astaldi has on this project is to generate a true Astaldi Canada employee culture. Astaldi Canada is a Canadian company. Want all Canadian employees. Work with expats but want to be fully integrated into Canadian culture, Canadian market. Not just quality, everything.

<u>Vittorio</u> – last 6 or 6 years, different clients in different countries. Sometimes clients put conditions that are impossible to achieve. Sometimes we have to be practical and realistic.

<u>Mark</u> – Closing comments. Appreciate comments and concerns. Will assess candidates. But will be relentless to make sure we have the proper individual. Has to be an Astaldi employee – may be pie in the sky. But whoever Astaldi brings to the table on Quality Mgmt – we have mature quality team and will be able to assess. Looking for someone with big picture – with knowledge of Astaldi quality systems. All that good quality systems embedded in your organization – want to see some of that.

<u>Guido</u> – Astaldi wants to bring quality – it is one of our assets – fully committed to bring knowledge and culture and to improve.

Nalcor – We acknowledge that Astaldi still have gap to fill – big gap.

Guido – acknowledges this – will work with Rome on this.

Vittorio – wants to bring someone – from Panama Canal – but doesn't like the cold.

Nalcor – we are not moving the project.

COFFEE BREAK - 2:30 P.M

11. Lance Clarke - Report from CEO of Nalcor and CEO of Astaldi

Just had conversation

Commitment is there from the very top.

Mr. Astaldi will be here in January

2 CEO's want joint presentation of where we are and how we are going to move forward

Will be at site.

Evening at Lodge in Labrador

12. Contract Administration

Nalcor Intro - R. Adamcyk

Commercial aspects of contract. Major items of concern

- 1. Change Mgmt
- 2. Payment procedures
- 3. Communication
- 4. Coordination Procedures

Guido Venturini

Share the history of the Agreement. Started as fixed price. Then Nalcor provided opportunity to submit offer based on fixed price or Lmax (target price)

14 addendum

Last one July 2013

Revisions up to 9, 10, etc.

Worked a lot together. Whenever we received a revision, there was an improvement. Lot of work done by Nalcor and Astaldi to generate something... Key of project is summarized ... (cant read slide). Labour component.

3 months. First part under LNTP. Long discussion with subcontractors. Who also need to be compliant with this approach. Astaldi dealing with subs on back to back approach. Only way to get full commitment to philosophy of approach (target).

Labour cost is one of the elements where we have to work together in next weeks in order to define detailed procedures. Introductory period and standard period. You pay all the staff mgmt. labour based on labour cost either on site – few in Goose Bay and 4 in St. John's. But right now not on site. Problem. Can be managed. Have to work on it. One of the most important points to achieve together in the next months. Internal milestones. Measure, certify. How to measure worked hours. Need to do exercise to identify where the problem can be found and how to solve.

30 or 40 versions of the Agreement. Important point is changing the work. As mentioned by Ron. Addressed to my team. I asked all my management team to study the Agreement and Exhibit and know them in detail. We have to be aware – any change in the work – clear procedures – times are quite tough – 10 days. Have to follow the rules – in my opinion is clear- if we have doubts – interpretation – make exercise to understand if there are any doubts. Article 14...

Everyone should know Exhibit 3. Ask my team – if we see some inconsistencies, some doubts, better to sit down together and see how we apply this and try to solve asap. And not leave to middle of production when we are all stressed – more problems. For instance, example, measurement of payment, Exhibit 2 – Attachment A – go in the indirect costs – written lump sum price based on 42 months... Can be understood if you look at all the document... quite sure we will have to share together in order to have clear ...

Change Request - ...

Communications - Roxanne is here with us. We are improving communications. Aconex is working better. Want to receive from Nalcor – concerns about communication in the short period – do not leave to Feb or Mar. Final communication plan of Astaldi will be submitted end of January. Fully integrated into PMP now under development.

Astaldi requests that Nalcor confirm receipt of key documents submitted to Nalcor (for example, payment certificates).

Payment: Proposal finalized – trying to show objective data. Want discussion with smaller group to have clear procedures for how to measure the different activities for certificates. Problem is mainly addressed to indirect costs. Direct costs easier to measure and define and exert control by Nalcor. Key until now was information. Plan discussion for beginning of January.

Lance Clark

It's about communication. Our goal is success on safety front, get it built but also so that neither party is saying I just lost my shirt. Don't want to get to a claims situation – really detracts from the job. Disagreements – separate from execution of job and deal with them. Collaborate collaborate collaborate. Will be watching closely. Massive scrutiny. Public scrutiny the most on cost. If we stray on that, will have big problem.

Guido

Fully agree – communication is main part. Agree we don't want claims. Question is, how to manage a change order. 2 opportunities – we submit, if you do not accept, we still have the opportunity to go to Dispute Review Board. We have to work in very good faith. First month important to do exercise, to understand each other, if we overuse, or if we underuse, this instrument.

Have seen a lot of jobs where the Owner did not recognize changes – became claims.

Astaldi looking hard to find local contract manager – experiencing problems – now looking on international market. Must have construction experience.

Ron Adamcyk

Change requests through change request procedures. Need to resolve in timely manner so that it doesn't go beyond that.

David Green

Communication – extends all over the place. If you are receiving instructions to do something untowards the agreement – put your hands up and take it to another level. Make us aware. Need to be wary of.

Guido

Change Orders can only be submitted by contract representative.

Ghost change orders. Cup of coffee. 2 people working in good faith. Nobody knows about the agreement. Then discover after 15 days that 2 guys took a decision thinking that ... nobody on top of them knew that the agreement was done.

Be sure that the decision chain is always aware of what is done on the front fact – site.

Ron Adamcyk

We agree with that. Only the company representative can issue a change order. Our people need to know that they cannot give instruction for a change. There is a process in the contract that must be followed.

Mel Melhem (site contract administrator)

Coordination meetings – identify extras – put an action item. Don't want to wait until something festers.

Conformity with the contract – there are letters that go to personnel – should be directed to representative – can put cc on the bottom. Document control will make sure it goes to the right person. Would appreciate this.

Guido

Wants some theoretical exercise – have to train ourselves.

Adamcvk

We do have a lot to work on to make sure we have complete understanding of these issues.

13. Project Controls

Nalcor Intro - E. Bush

Projects Control Manager for overall LCP. Only here for a few months. Wear 2 hats – as overall controls manager resp for Muskrat Falls and transmission link. Also serving as functional ...

In this contract – have site team under leadership of Pierre Sasseville.

Key areas – not only cost and schedule also have resp. for risk mgmt., mgmt. of change, interface mgmt. and overall comprehensive project reporting.

Expectations – journey along the course of the project – how to get where we are going, where we are, forecast down the road. And provide reports on where we are at any point.

Have coordination procedures – apply to all contracts. This is a huge contract 1/6th of the entire project. Have to integrate others as well.

Enrico Violato

Astaldi has long history on project controls. Director of project controls in Rome. Project leader. Motto that Astaldi take and considers important

1992 – sent open letter to all managers – Project Controls is the ears and eyes of project manager and the key to the success of the group

Time and cost integration

Ron Power

Wants to know if Enrico will be on site

Pierre Sasseville

Happy to see reference to WBS

E. Bush

Lots of work to do if we are going to be able to forecast accurately. Wants a work session week of January 13th.

Vittorio

Detailed daily time sheets

E.Bush

How real time is data collection. Do you use tablets. Do you get that uploaded nightly

Guido

We are implementing a system – using it on daily basis. Would like to work on JIT system Share through dashboard, weekly report or other needed instrument

Vittorio

2 tendances – best thing to do is to use scanned card. But lot of cheating. People prefer paperwork. Need to look at.

14. Labour Relations / Provincial Benefits and Reporting

Nalcor Intro - D. Clarke / M. Moran

3 agreements:

- 1. Impact benefits agreement (with Innu)
- 2. Benefits Strategy (with province of Nfld and Labrador)
- 3. Gender equity and diversity program

George Kean

Made a presentation on labour relations that is not covered in the Powerpoint presentation NEED TO GET A COPY OF HIS NOTES

- · Greatest asset is people working on this project
- Management doesn't have all the answers
- Need to engage the participation of the work force
- Open dialogue so employees feel part of this project, will be more productive
- Important to go into the work place, talk to employees, find out what the issues are, find a compromise
- We do have a grievance procedure
- New Year, back on 06 Jan mid Jan will have 50 to 100 employees on site. Day before orientation. Meal facilities prior to orientation next day.
- Meet with Innu partners in January address absenteeism
- Markup finalized on early works. Procedures completed

Don Power

Do you anticipate any labour shortages?

George

Concerned that by mid-March 3,000 employees required for Bull Arm. But still think that we will meet our goals. But wouldn't want to commit to that.

Kathy Goudie

Provincial Benefits lead manager for Astaldi

Astaldi has seen the Provincial Benefits program as an opportunity to invest in the community.

4:30 p.m. BREAK

15. Finance

Nalcor Intro - J. Skinner

Payment – need to address it. Need alignment on that issue. Helps building a good relationship. Keys to success – clear and open discussions re invoicing requirements, understanding systems, process controls of contractors. Opportunities for alliance on controls.

Looking forward to good workshops in January. Breakout sessions – makeup of each of our F&A teams.

Wants to learn about Astaldi invoice preparation plans. Supporting documentation.

Fabrizio Tonucci

Enrico has described Baan – program used by Astaldi – project distribution, finance and control. Positive cash flow on this project. Hope we don't have problem. Important to us to have timely monthly certificates. Important to have cash to use for the project.

16. Closing Remarks

Scott O'Brien

Thankyou to all participants. Worthwhile session. Thanks to Guido and Astaldi and demonstrating level of commitment and level of rigor with broader aspects of work plan. Had grand plans to map out work sessions but this is not the time.

Suggest that we work together over the next few days to map out these in early January. Want a schedule and who will be a participant.

Had great success with David and George on labour. Use that as a model.

<u>Guido</u>

Thanks to Nalcor for opportunity. Successful kickoff meeting.

Impressed by my team because I know what we are doing these days – cannot stop – still working on daily targets but all of you guys were really committed to successfully achieve goal of this meeting. Thank my team. Good point to do that.

Just a starting point. Meetings in January extremely important. Would like to hi-lite importance of learning curve – trying – making exercise in order to be prepared. This is nothing compared to what we will have to do in March, April, May...

Don Powell

Pleased with meeting. Met my expectations. Was at Rolling Stones concert – was I feeling good? I am feeling good.

Vittorio

Good thing between us and you and other contractors. Distribute 120 turkeys for families that couldn't afford it in GooseBay. On the radio. Received message from Paulo Astaldi – This is what we have to do socially – provide help where it is needed.

Adjourned - 5:00 p.m.

Notes prepared by Lorna Tardif

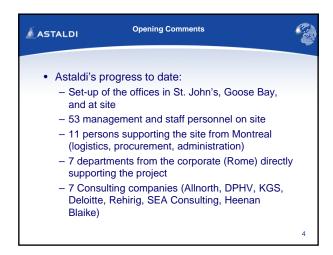
December 20th, 2013

Astaldi Presentation at Nalcor Project Kickoff Meeting – 19 Dec 2013 – St. John's Nfld.

CIMFP Exhibit P-03143







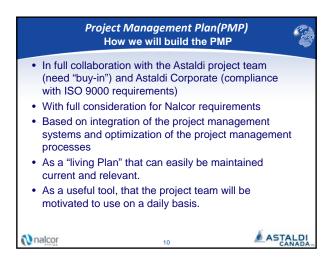




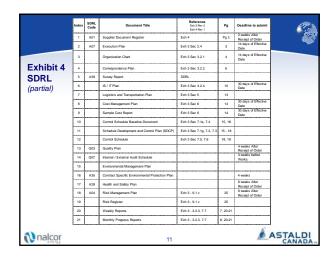




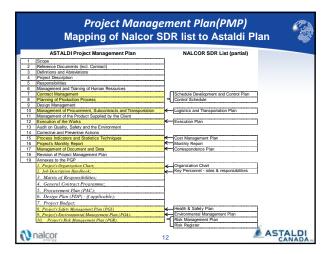


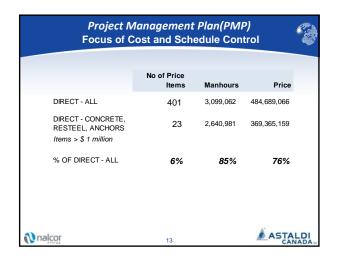


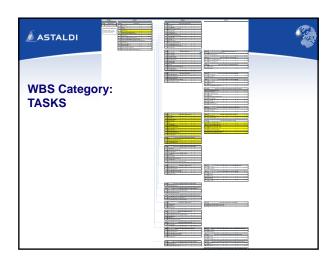


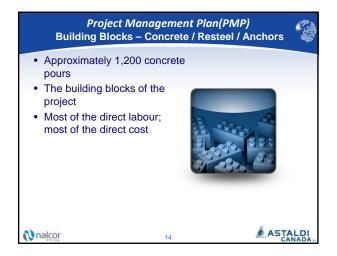


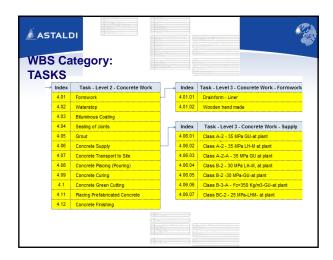


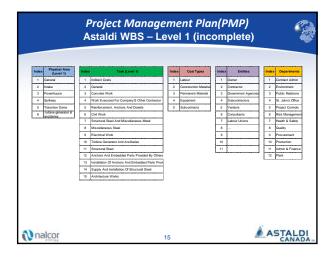


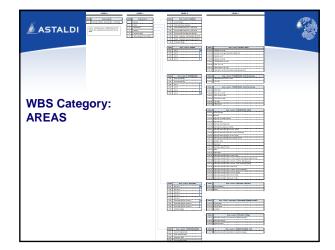


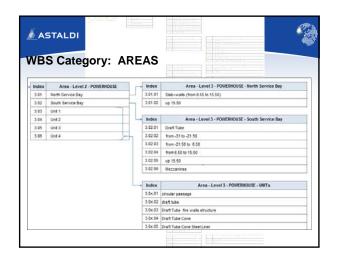


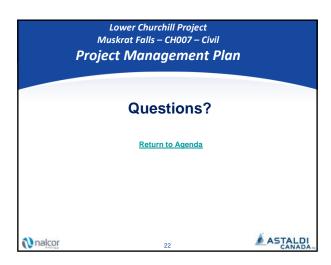


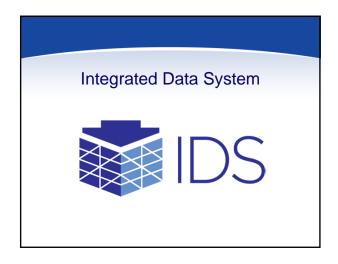


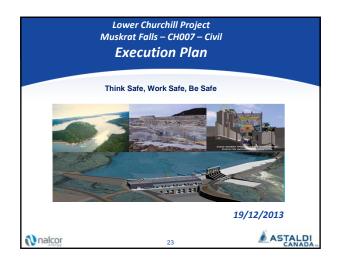


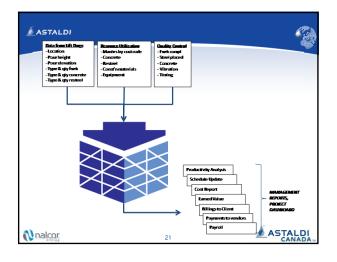


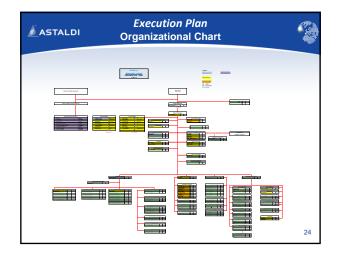


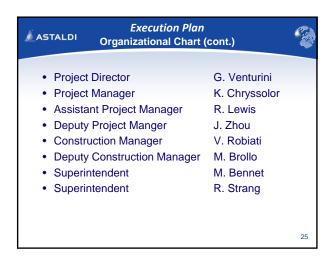




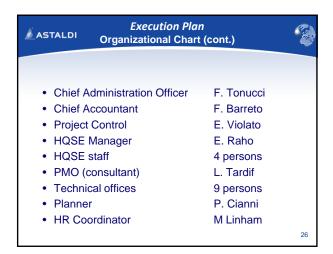


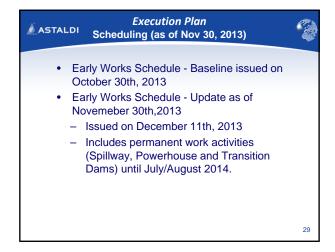






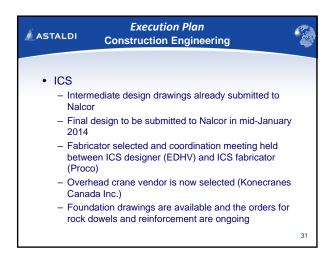


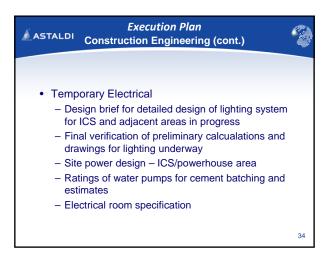


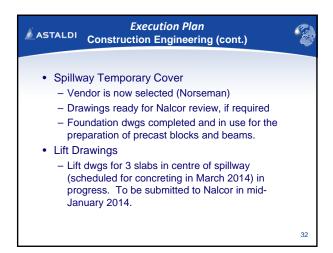


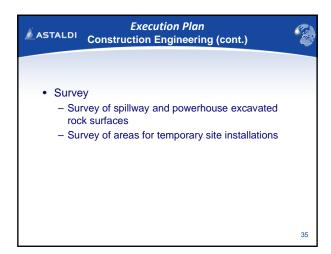


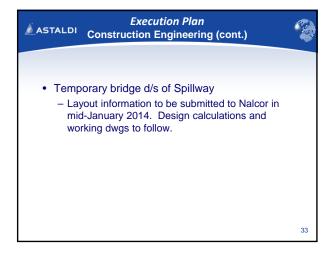






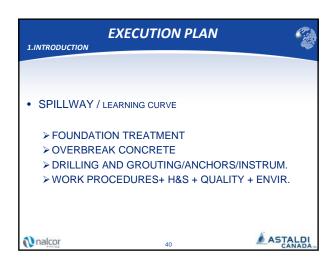


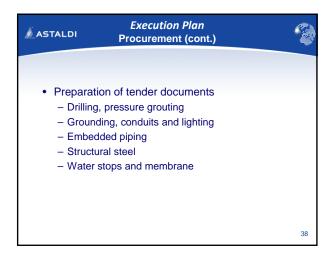




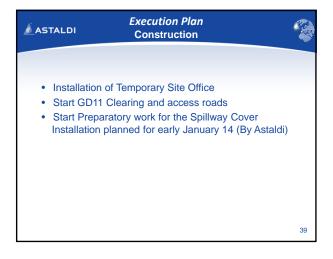


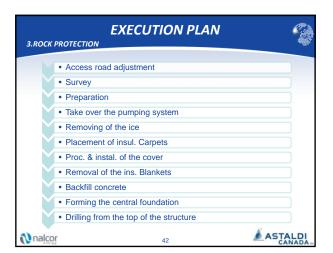




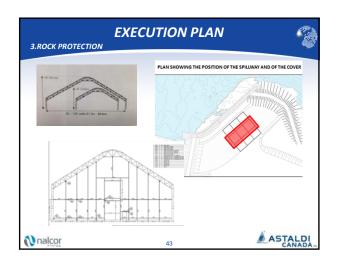


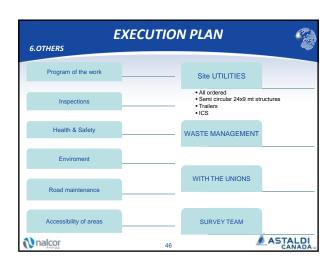


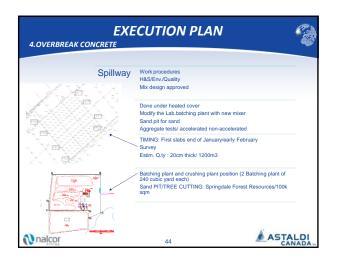


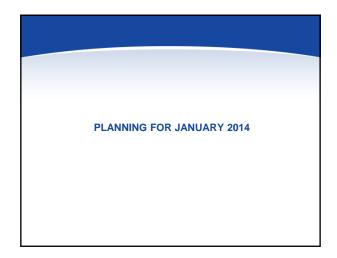


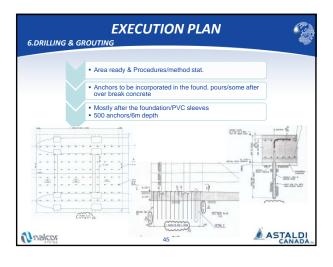
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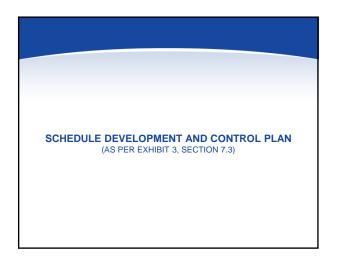






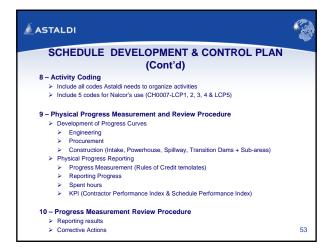


Planning for early 2014 • Spillway base slab (Center Portion) to start about mid-March 14 followed by piers 3 & 4 • South Service Bay Wall (el -21.5 to el 15.5) to start in Early June 14 • Intake Unit 1 and PH Unit 1 planned to start in July 14 • Transition Dams foundation preparation to Start in May 14







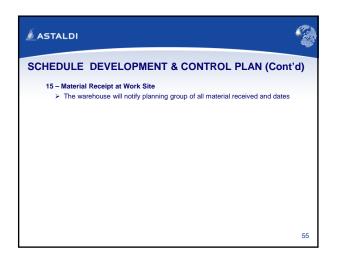




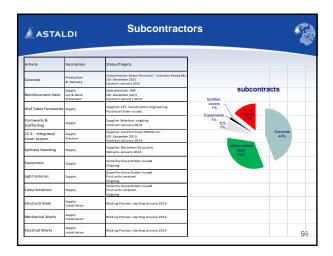


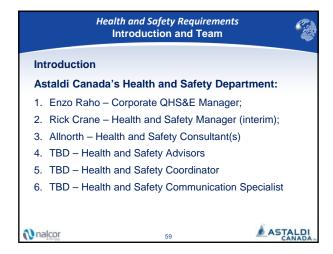
Astaldi Presentation at Nalcor Project Kickoff Meeting – 19 Dec 2013 – St. John's Nfld.

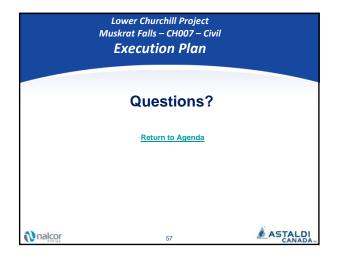
CIMFP Exhibit P-03143



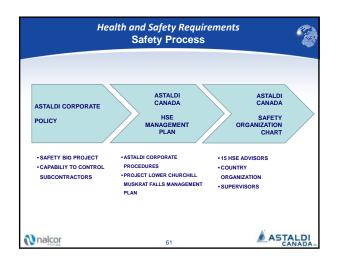




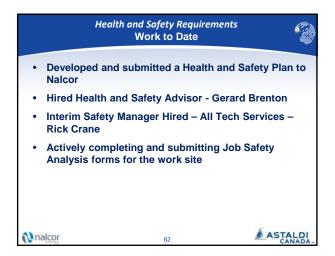




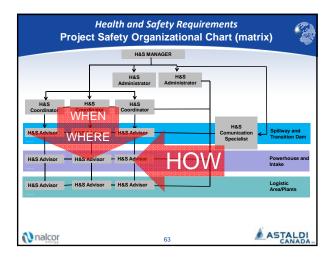








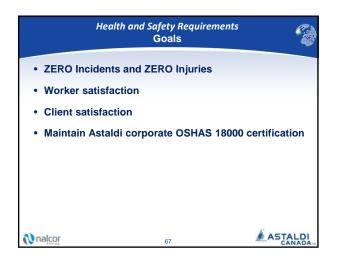


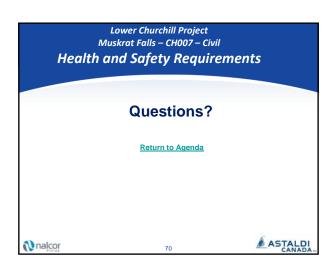


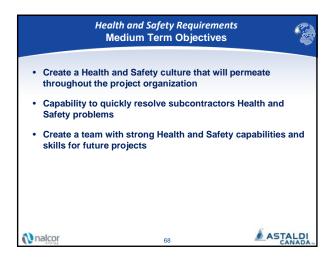


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CIMFP Exhibit P-03143











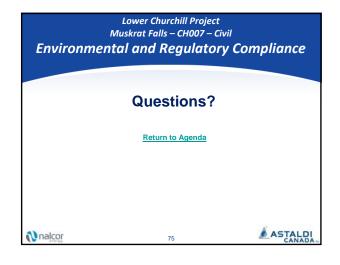






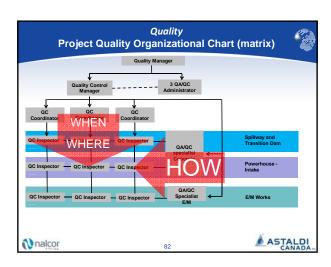


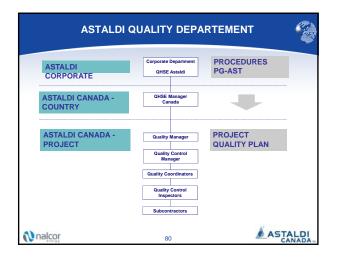










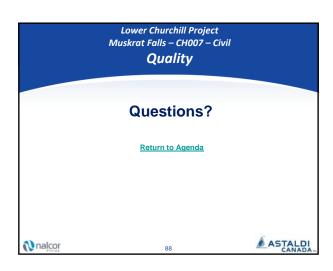


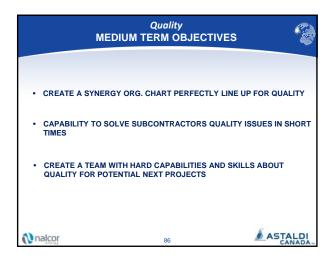






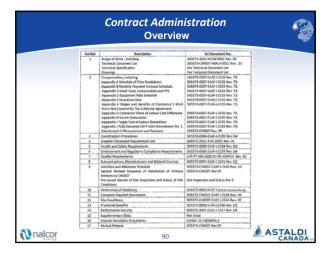






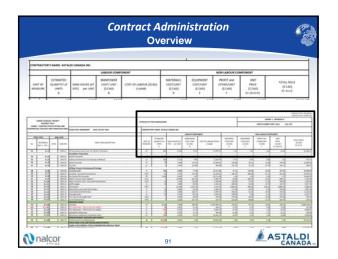


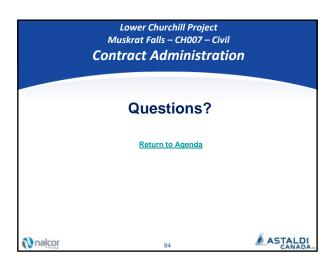


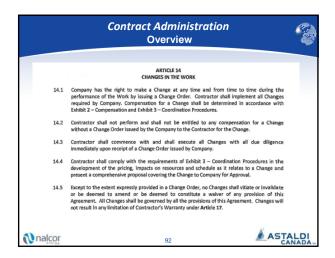


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CIMFP Exhibit P-03143

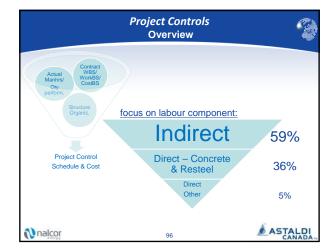












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