

33

Date June 25

# Updated Bid Evaluation Plan

- Purpose
- Background
- Bidder list
- Schedule
- Proposal Security - <sup>Principles</sup> Same as original
- CET - Secondary <sup>QA, RISK</sup> all accepted except for CV evaluations
- Evaluation Process

Technically Acceptable / final updated  
 No Final Total ECV

- Keep Risk, QA etc
- Re-evaluate Commercial
- " " Technical
- " " Team

Keep/Use leverage now

## Evaluation Activities -

- Thorough review of Tech exceptions
- Requested new rates, Option for River Diversion, Options, Cost Reduction
- Correspondence
- Respond to queries from Bidders
- Teleconferences
- One site visit to view laydown
- Articles
- 1 Pricing update on June 30

Start update of documents saving ideas etc

- Commercial Evaluation Criteria the same
- Technical " "

Date

Normalized + Rating = Conditional Contract Price  
Conditional Price + Commission Evaluation = Final CCP

35

CH0009 Negotiations Items

- ~~Dental excavation 10%/90% ??~~
- ~~Filter material gradation - spec change~~
- ~~Update "Existing Conditions Plan" Dwg.~~
- ~~Final Test Section Volume Reduction~~
- ~~Mix Design Methodology + Cost Removal~~
- ~~Potable Water - try to change wording and remove or re-word to say Contractor is responsible.~~
- ~~removal of weirs South Dam~~
- ~~Get info on electrical loads + locations~~

Volume Engineering

		<u>BEJV</u>	<u>ODJV</u>
Now	Tech	79.2	76.85
	Comm	70.65	67.38

36

Date

- Remove Completions
- Keep Forms
- Include Site Permit Form + Text.
- Include Concession

37

Date July 1/15

Revised Beds

Bidder 2

Bidder 3

	Bidder 2	Bidder 3
Labor Cap	No-TP with 50/50 risk/reward up to \$4.3m	<del>Yes</del> ?
2016 Schedule	No - Cannot Meet	Yes OK
Option Delayed Closure	Declare by Dec 31/2015	Feb 28/2016
Work Stops for Winter	<del>Dec 1</del> <sup>May 1</sup> to Nov 1?	
Stockpile rock westside	Yes	
Staff	Some Alternates RJ Rods - PGS J. Lehman - Earthworks Equipment Mar.	
Jet Grouting	4 with mobil'z with delay!	?
RCC Mix	Allowance Item ?? Payment	
Bridge Credit		
Craftshop Travel	Excluded	Included
Staff Travel	Included	
Tailrace Bridge	OUT	
Labor Escalation	Beyond May 2018	
Facing Test Section	Deleted	
Exhibit 9 Milestones	to be Agreed!	
RCC Mix design	?	\$325K

Date July 2

Telecon Bidder 2

- ✓ - Status of Cost Savings in Mar 6 letter
- ✓ - Travel costs - labour left out? ✓
- ✓ - Mhrs increased
- - 3C material still processed?
- ✓ - Tailrace Price same but no more bridge why? NOT in this price
- ✓ - Credit for Upstream bridge? \$150K?
- ✓ - Conventional Concrete incl crest  
 \$ flip bucket & \$10m to \$6.6m?  
 ↳ components in bid price no longer needed. Not just materials

Cost Savings letter

1. - fully incorporated
2. - Not full value but included
3. - Moved out into optional
4. - Incorporated, but
5. - No

Labor Travel - \$4.6

- \* Labor + ~~Staff~~ travel will need to be adjusted.  
 If it was \$4.6m probably will go up

39

Date

Telecon Bidder 3

And North Abutment

- Remove Jet Grouting investigation items \$229K Items 45, 46, 47
- Item 19, Contractor takes resp'y for aggregate production RCC + CVC
- Item 23, hand / machine ratio w/rt dental excavation,
- Item 10 of June 5 telecon - should be Class C not A.
- Abutment ?? Greg to seek feedback from Ute.
- Upstream bridge pier footing - No sketch
- Mobilization time frame for Jet grouting

- Update Execution Plan
- Identify Milestones
- Stockpiling of 45K m<sup>3</sup>, on riverside

3 WEEKS OF WORK

area of the RCC cofferdam. ???  
Now 3500 M<sup>2</sup> (Not all usable)

- 2016 up to Dec 18, overburden, foundation prep, levelling concrete

40 753

Date

Questions

B-2 in Risk/Reward model, is Reward capped - at \$4.33 m as well?

July 3.

What was taken out.

* -	Road to CI	-	\$ 50,000	
	B+C Mat'l		500,000	
	tailrace Bridge	-	<del>600,000</del>	
	Jet Grouting	-	<del>1,000,000</del>	
	Fuel Cost @ .904		2,400,000	
	Selection only for 3C		1,700,000	
	landing Concrete		420,000	
	Upstream Bridge		150,000	
	\$ 7,620,000		\$ 7,620,000	
Jet Grouting	4,800,000	-	1,400,000	
	<u>12,420,000</u>			
	1,400			
	<u>\$ 11,020</u>			
			\$ 6,220	

- UP?

Crane Pad	-	-	
RCC Trial Section	-	1,400,000	
No ROW	-	-	
RCC Mix	-	-	No Change [del'y in.]



A1

Bidder 3

Date

To Be Awarded

Jet Grouting	6,000,000
Road to C1	460,000
B+C Mat'l	500,000
Trailrace Bridge	600,000
Feed @ 90¢ / \$1.40	<del>1,350,000</del>
Section only 3C	—
leveling Concrete	—
Up stream Bridge	—
	<hr/>
	\$ 11,000,000

~~to be added~~  
RCC Trial Section

42

Date July 6.

- Bidder 3 - Schedule:
  - Updated but -
  - Execution Plan seems like it was not updated
  - Mix Design was added
  - But: Mobilization/ROW/etc.

July 7

Bidder 3. RCC

	<u>BID</u>	<u>REVISED</u>
QTY	210,000 m <sup>3</sup>	210,000
BATE	\$ 376/m <sup>3</sup>	\$ 375/m <sup>3</sup>
Mhrs.	1.58	1.59
Matt's	\$ 107.	\$ 116.
Equip	\$ 79.50	\$ 74.73
Test Section	N/A.	\$ 630/m <sup>3</sup>

A3

Date

Parent Co. Guarantee + Letter of Credit

LD

Perf Bond

Warranty 3 yrs

Bidder 3. 50% Perf Bond = 15% LC  
(do not need Parent Co Guarantee)

Warranty LC is what is needed  
but we will accept.

LD's are dropped

Warranty is now 1yr

Sept.

44

TELECON Bidder 3

Date

- Don Strickland (Edmonton)
- Nolan Jenkins
- Len Knox
- Raphael Vancouver.
- Jim Brennan
- Mamoult (Drapados)

Ed Over.

Commercial

1. Borrow Pits is the only focus. All material assumed to come from site. We will provide wording
2. Fuel spill - no reply for pre-existing conditions
3. Items 38 + 39 to be paid on basis of approved cost flows
4. Cement + fly ash delivery -

Technical

1. Set grouting items (45, 46, 47) to move to <sup>optional</sup> items
2. Aggregate production.
3. Dental excavation not acceptable
4. ✓
5. Bridge + pier

45 Gertrude

Date

- 6. Set granting mobilization period.
- 7. Execution Plan not updated.
- 8. 2016 work program goes into December
- 9. 45000 m<sup>3</sup>

Greg

Greg's Priorities

Ex. 1	SOW	1 ✓
"	Specs	2
"	Drawings	2
"	TDL	2
Ex 2	Measurement + Payment Attachment 1	1
Ex 4	SDRL	2
Ex 8	Subcontractors	1 ✓
Ex 11	Company Supplied Documents	2
Ex 12	Site Conditions	1

Coordination Procedures

Index - Concession Request + Site Authorization? Remove

2.4 Execution Plan ~~Plan~~ to maintain Plan as living doc.

3.2.2 Correspondence - Date format

8.1 Changes Article 26? 2x

10.5 Add Concession Request

11: Add Site Authorization Work Permit  
- Article 15 in Agreement?

12.3 - Appendix 6 - Payment Cert?



46

Telecon with Derek Tisdal <sup>Date</sup> **B2**

Add cooling back in. Straight from stockpile to crusher.

July 8.

Ed: 1. Award Recommendation.  
2. Due Diligence Review.  
Articles, Ex 2 3. LNTP

Keri: - Reg'n for LNTP  
- Email re documents.

Gerald Cahill - Sch (900) EX 1, 2, 3. + Articles

Telecon:

1. Names of Participants GREG SNYDER, JOHN MULLCARTY  
KEN MCCLINTOCK
2. Safety Moment
3. Purpose

to the changes BPTV's execution plan for staging, crushing + RCC processing, following the removal of the T.L. ROW as a staging area.

(2) Get feedback from BPTV on consideration of possible alternative approaches.

Call In



Leader Pin: 2465

47

Date

- A. Approach: (1) BRTV to explain its approach Before and After the decision to remove availability of the ROW  
 (2) Discussion of other possible alternative approaches.

Matt

July 15

Scott -



160 K. = 8m

Ed Bush

B2 mhrs	865,693	
B3 mhrs.	1,265,352	
	<u>399,659 mhrs</u>	

286,000 B-3  
 236,717 = MGMT STAFF  
 50K

@ \$100/hr = \$39,965,900 @ \$83/hr = \$33,172,000

B-2 Craft halver = 865,693 - 236,717 = 628,976  
 ∴ B2 fee @ risk = 628,976 x .083 x 100 = \$5.2m

So if B2 spent 1,265,352 mhrs, Nuclear cost will be: \$39,965,900 - \$5,200,000 = \$34,765,900

Ed Over 53675

48

Date

Ed cell  
Peter cell



Peter - Area J Greg preparing dwg.

$$\$83/\text{hr} \times 628,976 = \$52,000,000$$

\$46,462,500 = Craft labour Target

$$\therefore \text{Fee} = 8.3\% = \$3,856,000$$

$$\$33,000,000 - \$3,856,000 = \$29,144,000$$

B2 - Compensation Remarks

- Unit price <sup>rate</sup> change after 15% change
- Mark up change 5% → 16.2%  
10% → 16.2%

Direct MH Delta B2-B3

$$B-2 \quad 865,693 - 236,717 = 628,976$$

$$B-3 \quad 1,265,352 - 286,000 = 979,352$$

$$\Delta = 350,376$$