

49

Date Jul. 20

Ed 53675

Bidder 2 Articles - Issues Interface ⁰⁰⁰⁷

- 1. Value of Indirects
- 2. No Cap
- 3. Mark Up on Extra Work. :
- 4. Qty variation of $\pm 15\%$

Aiden 10%
 7% subcontracts

Equip 5%
 Matls 5%
 Third Party ~~5%~~ 5% ~~7%~~ 7%
 Contractor ~~15%~~ 12%

Over q'tys are solid

1 PM Toronto time,

Roos + Lehman

Minor Adjust to offer plan layout to
 all facilitate access to temp bridge.
 Mountain access recheck 10 m

Shirley Johns Sat PM

50

Date

X Conf Call Bidder 2

Pass

o Derek

- cc Matt on communication.

1. Interface issues
2. Value of Indirects
3. Cap. - No -
4. Qty variations
5. Tracy - on another job
Rt - is available

~~Ed~~

Jul. 21

Area J - laydown showing to allow contractor to complete its SOW

End Aug/15 everything else free.

WRT July 15 email related to

51

Date

July 22.

Notes:

- Creder Crane, B-3, breakdown etc.

July 23.

B-2 Craft - 551,878 mhrs.
 Staff - 236,717 mhrs
 Seals - 70,000 mhrs

ED

B-3 Issues - Ask Ed

- latent defects
- Assignment wording
- \$1m to de-risk schedule
- & cement availability

Remove fuel cement & flegable put into
 measurement & payment

\$40 m from base bids

B-2 - 150 ton trucks

B-3 - 80 ton

52

Date

RFP Closing	Oct 22/14
Bid Opening	24/14
Complete Evaluation	Nov 21/14
Award	Dec 23/14

River Diversion \$ Option.

B-2

B-3

\$ 287,171
6,100 Nonreligios
 293,171

\$ 287,848
300 INTAKE
 \$ 288,148

⏟
 Δ \$ 5 m

- ✓ B-2 Craft ~~had~~ - \$ 52 ↓ \$ 46
- Graph
- Johns 110K m hrs col'n.

3.856

53

Date

- Camp capacity

*
tell
Lorne
Lorne Bennet (Pennecon Labour Relations)
who is the team member.

$$\begin{array}{r} 287 \\ 30 \\ \hline 317 \end{array} - 288 = 2 \times 5\% = 28.8 m$$

$$\therefore 2 \times 3 \text{ pts} = 6$$

$$\therefore 60 - 6 = 54$$

July 27

Conf call to Derek.

1. Target Mins which used for calculation of the Target Price excludes subcontractors.

Please confirm ~~sub~~ ~~are~~

2. Down stream face of ~~the~~ North ~~the~~ North Dam is a sloped face using Facing Concrete.

⊕ need any materials which prove that this ~~design~~ design is

alternatives
for

John -

Date

(2) Approx what % of the \$9 million cost saving related to this alternative?

- ability to get rid of CVC plant.
- unit price savings

- this jumping forward is easier (M&R savings)

productivity increase

steps were critical path, not new schedule savings.

	B-2	B-3
over scoring had Technical	20	17.7

Greg Snyder -

• Brian Forbes

• Malcolm Dunstall

STARTS

Member Cost

113,295	-	\$9,969,960	-	\$3,856,000	=	\$6,100,000
200,000	-	17,600,000	"		=	\$13,744,000
250,000	-	22,000,000	"		=	\$18,144,000
300,000	-	26,400,000	"		=	\$22,544,000
356,500	-	31,372,000	"		=	\$27,516,000

55 500 down
4500 labelling

	B-2	Date B-3
Tech Execution Plan	76.80	74.50
Schedule <small>net/rang</small>	60/54	54/58
Summary	73.44/ 72.24	70.40/ 71.2
Commercial	70.65	67.38

ORIGINAL EP

Case	Desc'n	B-2	B-3
1	Add 113,295 MHRS	565,229,000	608,348,000
2	Add 200K mhra	579,961,000	608,348,000
3	Add 250K mhra	588,442,000	608,348,000
4	Add 300K MHRS	596,922,000	608,348,000
5	Add 356,500	606,504,000	608,348,000

Revised

Revised EP

	B-2	B-3
1	113,295 MHRS	97
2	200K	"
3	250K	94
4	300K	94
5	356,500	94

John M. cell #



56

	B-2	Date B-3
TOTAL MHRS	866,000 865,693	1,272,192 1,272,192
STAFF	236,000 250,000	250,000 286,000
Sub Tot	615,693	1,022,192
SubContractors	70,000	120,000
TOTAL CRAFT	545,693	902,192

~~Craft Labour A~~ $902,192 - 545,693 = 356,499$
 $866,192 - 560,000 = 306,192$

306,192	371,000	
↓	356,500	
\$ 23,088,896	28,000,000	29,700,000
94	94	(25,844,000)

Presentation	B-2	B-3
8.5/9/9 Tech	20	17.7
333/229 Construction	20	13.8

least success - missing topic, rental cost + fuel fee.
 - June 2 - June 9

57
 Ex
 Sch of Price Breakdown
 Aug 4 @ 10:10

		Date
	Articles	GC
1	SOW + Spec (RCC) + DWG + TDL	GC
	Measurement + Payment	GC
2	Exhibit 2 - Text + Equip + Labor	GC
12	Site Conditions	
3	Coordination Procedures	GC
4	SDP.L	
✓9	Schedule	GC
10	Residency	
11	Company Supplied Doc.	
13	Proc Benefits	
14	Performance Security	
8	Subcontractors	

Schedules of Price Breakdown to Aiden

Measurement + Payment

- ~~4.1.1.1~~ -
- * 2.2.1.6 - shared road across J
- 3.5.1.2 - processing if reqd
- 4.1.8.2 - "
- 4.1.9.2 - "
- 4.1.10.2, 4.1.11.2, 4.2.8.2, 4.3.8.2, 4.4.17.2
- * 4.1.12.1 dumped rock
- 4.1.13.1 etc

Date

- 4.5.28.1 - is this correct for Measurement:
- * 4.5.29.2 - Take out Trial Section.
Need new item for this.
- * 4.5.29.3 - ~~ref should be 4.5.29.2~~
do not need this any more.
- * 4.5.29.4 - "
- * 4.5.34 - Ken Cement + Fly Ash.
- * 6.1.1.1 - No, only ~~Bricks~~ what is this?
- 7.2.1.2 - only blasting no hauling

4.5.34 - Free / Flyash + Cement Excavator
35 - Cement - Flyash.

RCC Spec.

4.2.1.1 & 2 Duplicate?

59

	Now	Reformed	Date
Base RCC	205,000	206,500 - 7,869	1
Handling	5000	3,500	
Facing	8,600 ^{steps}		
Dental	4000	500	
Gravel/Facing	4,650		
Trial	4,300		

96 dental \$4000 → 500
~~123~~ Facing 16,469 should be
 124 (Facing in place of Gravel) 4650

Aug. 3

Attachment	Desc'ion
1	Overall Scoring Matrix
2	Commercial Bid Tab Comparison to Bid
3.	Tech Eval. Report
4.	QA
5.	Benefits
6.	Risk
7.	H+S
8.	Environment
9.	Bid Opening Record
10.	Presentation
LNTP ?	SOW of LNTP ?

~~Diggins, Inc.~~

60

Date

TABLE 1 - Estimated Value + Comparison ^{to Budget}
 Table ? - Target Price Model

Spillway availability, RC Contn Methodology
 Labor Prod, Bridge Removal before North
 Dam completion, Weather.

Ed - what is contract value in 2.0
 Bid Eval Plan dated 15-Sept-14

Revised

- no certainty on dates
- prices too high
- no money.

Includes Steve's sheet.

Final Est'd Contract Value

Normalization 28,400,000 = 366,545

add'n of \$6.1m calculated as
 shown in Attachment 1a BRTV
 Mhrs Normalization & Cost Impact
 113,295 Mhrs.

~~Attachment - Get Steve's sheet~~

287.2 - 201.3 = \approx 86m = 43% higher

61 77
73.4

79.5
70.4

Date

- Attachment 1 - Overall Scoring Matrix
- 1a - BFTU plus Nondis + Cost Impacts
 - 1b - Sensitivity Analysis
 - 1c - Craft balance Target Price Model
 - ✓ 2 - Commercial Evaluation
 - 3a - Est's Contract Value & Comparison to Esti
 - 3 - Technical Evaluation
 - ✓ 4 - QA Evaluation
 - ✓ 5 - Benefits Eval
 - ✓ 6 - Risk Mgmt Eval
 - ✓ 7 - H+S
 - ✓ 8 - Environmental
 - 9 - Bid Opening Record

Overall - heaving CVC = heaving Concrete
check reference.

Optional Pricing 161-163.

Scott

Ed

Ken

53675
Gerald to sign

NOT Award



Effective Date = LNTP date.

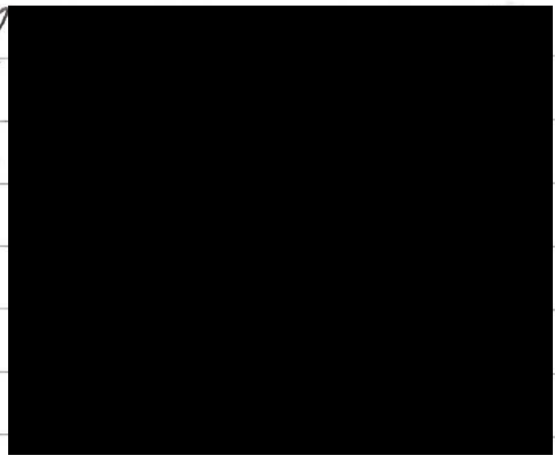
Date

Aug 11

Low Knox cell
Derek Tisdell cell
office

Matt Wagley

Josephine Grant.
Paul Kennedy
TAU M SAUK.



Aug 13

Time
x .5d

Assignment Article for T(h)
B-18 new address etc for T
RFA date
Parent Company guarantee.
Letter of Credit

"Execution date"
in place by LNTP +

201 Agreement Date
T(b) (A) I will do B.

Target Cost of Release Model

63

~~82.25~~
82.25

74.05

OLD - 79.2

76.85

Date



- Articles
- Exhibit 1 - SOW
- Exhibit 2 - Compensation
 - Attachment 1 Measurements/Regul
 - A2.1 - Unit Price
 - A2.3
 - A2.4 Personnel Rates
 - A2.2 Cash Flow
 - A2.7 Trade Person Hours
 - A2.5 Equip Rate Sch

- Exhibit 3 Coord'n Procedures
- 4 SDRL
- 5 H+S
- 6 Environment
- 7 QA
- 8 Subs/Supps
- 9 Schedule
- 10 Declaration of Residency
- 11 Company Supplied Documents
- 12 Site Conditions
- 13 Benefits
- 14 Perf Security
- (15)

64

BP

OD

Date

\$ 6.1 a

531,248,164

WHS
405,000 578,361,832
~~382,000,000~~
\$ 32,000,000

288,573,000 x 5% = \$14,428,650

210,000 WHS = 14,624,000

6.1

531,248,164

578,361,832

220k whs
15,500,000

578,735,642

57 "

* 1 sheet 1 sheet 2

1a ✓

* New 1b

1c ✓

$\frac{220}{560} = \approx 40\%$

Estimated Trade Person - Hour Sel
Equip Rate Sel
Personnel Rate
Monthly Payment Forecast