

EXCAVATION 31 23 00
Tailrace Rock Plug
underwater

17. A2.1 - Schedule of Price Breakdown

Tech Spec MFA-SN-CD

Date

B-3

* Flexibility discussion ~~not~~

① - ⑤

⑥ Electronic detonators (3.7.7.2)

⑦ Verticality - approve means + methods
integrity of North Trans. Dam closure
wall

⑧ Bridge pier removal NO

307 MAF
552 m³/sec.

⑨ Abutment may have to
come out. Need sketch

~~⑩ Set breaking~~

Best Way to Communicate.

B-2

Brad - Reprecon.

Matt - June 1

- 2 dates for notification, pretty
firm pricing, maybe some soft
spots.

- New topo on that area. (John)

- Next week fly ash info. (Ed)

- Phase 2 concrete design work to
proceed after award. Reimbursable

Date June 5.

List For Greg.

Update + issue SOW - M1K design, options?
- Roads quarry 5

Update spec - roads/culverts

~~Access~~ Bridge downstream Spillway

Telecon with O'Donnell - 2 people June 5
- Revised Milestones - re-work pricing

Cannot leave a temp structure in the spillway channel. Footing + attachment details to be approved by Engineer. Under water temp structures must be removed. Get a sketch.

June 9

Greg + John.

Optional Road - Remove qty above
Permanent - New Spec + qty.

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Date June 9

Derek, Mike, RT, Justin

Spec not firm on
Blend the mix design to meet
the requirements, spec on con,
we trap for temp during placement

we will look into this

- Can they 1. Raise area G above first level ^{width} 26-ft.
- 2. Expand area J

Check with environment re expansion of Area J. Can they go out into the water? Permits?

- Need pic of Quarry 5.

- Top of stockpile A

- Send Specs -
~~red~~
red
+ culvert.

- Early week of 22.

NO
A
1

Date

Todd/John/Greg/Kow.

Kow.

- Dave Haley re. river impacts
 - Our resp. is to set limits on the temp of the concrete.
- "Confirm ^{the} temp restrictions and joint spacing following mix design."

our review of

Confirm ^{RCC} placement temp and joint spacing ^{range} following our review of mix design.

Topo

Sept 6 lot 10 necessary

June 10.

Stockpile A Surfaces 6-Sept-14 including the base profile and Stockpile

Item 18 Technical

Upgrade of existing permanent roads shall consist upgrade with OM or Rockfill material and top 300 mm.

Revised

Old

Permanent

ACM	44,000	44,000
B		5,800
C		4,000
3	6,000	4,500

CI

OM or Rockfill	28,000	26,000
3	4,000	
C	0	7,500

Bidder 2:

- PM - Matt Wagley ^{OK but} ✓ No cold climate or RCC
- Gen Supt - Tracey Chambers ✓ cold climate NO RCC
- Asst PM - Rob Hewitt ✓ young but OK for job NO RCC
- Site QC - Shawn Deen ✓
- Earthworks Supt - Dave Hunt More Hung, NO RCC or ^{COLD CLIMATE}
- N.D. Mgmt - Dustin Burke ✓ young, No cold climate ^{RCC}
- Shawn Perrin ✓ young ^{Duties} NOT clear ^{Cold Climate} ~~not~~
- Safety Mgr - Neelke Keen ✓
- Overnight - Brad Cole ✓

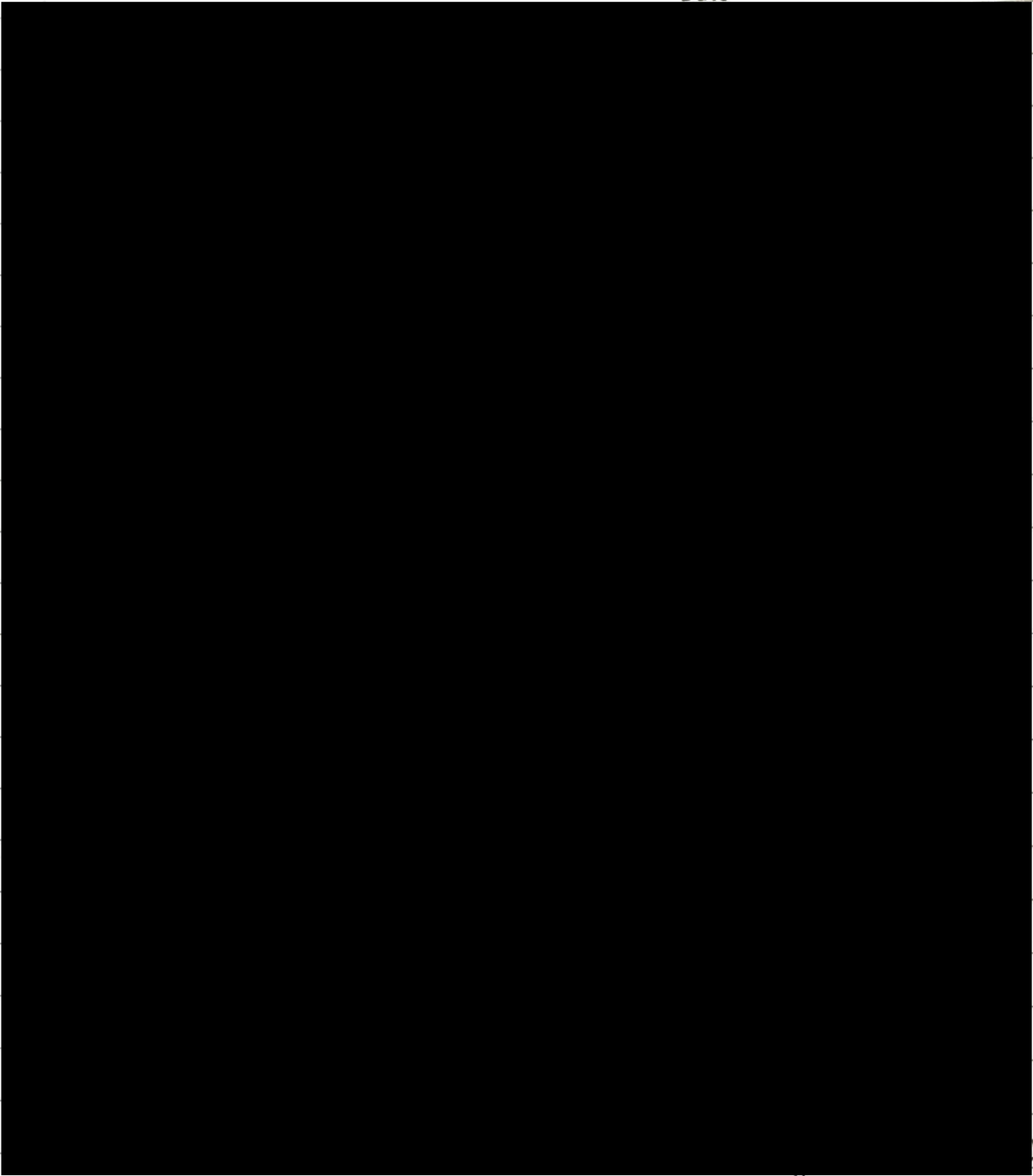
- PM Justin Feller - too young, Not good enough, NO RCC
- Asst PM Andrew Gibbert - strange background, NOT with Dragados long
- Proj ENG D. Strickland
- Gen Supt P. Gillingham - seems OK, good experience - but not clear ^{auto reject}
- Sr. RCC David Hernandez - ✓ Good recent experience, 12 yrs experience
- Gen Supt ^{RCC} Juan Manuel Chavez " , 10 yrs total } Light
- Keydowski

$$116,947,000 - 107,700,000 = 9,247,000$$

$$9,247,000 / 107,700,000 = .0859 = 8.6\%$$

23

Date June 15



cc

Date

- Mike Harris Letter to Astaldi.
Astaldi ^{to} MOVE B-1 + G. Aug 1

- ~~Booth~~ Use D. Astaldi only
using little bit.

- Suggest D instead of G.
Pic to come shortly
rather than backfill Area G
up to.

- Need sketch from B-2 on design
of downstream face.
slope

Addendum 1

Item 2 - Advance Payment for Aggregate Pricing
A2.1 Add 132.a + 132.b Produce + Stockpile
Exhibit 2 - New item 4.5.28.3

Addendum #2

Item 1. ~~Include~~ Add Pay Item 161 - Overhaul
of Borrowed Construction Materials

A2.1 Rev B2

Exhibit 2 - Attachment 1 Rev B2

Material selection of heading processing. 316 Rockwell Dam / Cofferdam / Material quantity increases on material quantity

- cross-section of concrete coffer dam.
Value Engineering Participation included in price

LIST OF ITEMS for Negotiations/Update

Tracey
aw 8
PM

- RCC Specialist c/d, must be 3rd Party
- B-3, RCC rate should be reduced if he gives rate for Trial section, cos his RCC rate is currently blended.
- Delayed River Diversion needs Exhibit 2 words and Cashflow + Mhrs.
- ~~Do not use ^{fill} backfill Area G.~~
- ~~Use Rates for Equipment for this work.~~
- ~~Trial Demonstration Section should be smaller.~~
- ~~Cross Section of the Sloped Face (B-2)~~
- ~~B-3, Temp. Bridge~~
- ~~Pole line relocation.~~
- ~~Max Payment 4.5.53 + Increase/decrease in Qty of Cement + Flyash~~
- ~~Remove box culvert~~
- ~~Remove Weir in South Dam + instrumentation~~
- ~~Working on construction timing of starter ^{props}~~
- ~~Project wide EPR~~
- ~~Remove Simplification of material for concrete ^{coffer dam}~~
- ~~RCC Specification~~
- ~~Milestone 4 note re raising to EL 25~~
- ~~Cement/Flyash adjustment for Mix Design change.~~
- ~~How Environmental Plan others?~~
- ~~On site timing working~~
- ~~Go over all clarifications~~
- ~~New Coordination Procedures.~~
- ~~Set ground levels - any money in?~~

mins (craft)
what is final estimate
816 mhrs.

Exhibit 2. (framed)

for B-3.

- ✓ 1. How about Optional Pricing?
- * 2. Delayed River Diversion? Cashflow?
- ✓ 3. 3.3 unit rates are not changed
- 4. Updated to reflect changes to scope...
Road Spec, any other? (A2.1)
- ⊖ A2.1 updated to remove concrete adjustment
- 5. Flyash/concrete price escalation
payment quarterly on placement?

Laydown Areas.

~~Area~~ 1.3 of Exhibit 12 - Site Conditions
Laydown and Stockpile Areas

3141 to NE	} from SS
43 to N	
3144 to NW	

27

Date

1. See Pat
- ✓ 2. Note to Bidders re laydown areas + D. ^{Greg - Pic} ^{John - site area}
3. Grain ~~removal~~ revision, clarify wording - Greg
4. Letter instruction to Astaldi to clear out - John
5. Send Exhibit 2++ to G. Cahill
6. Is wording clear on Mob/so Mob re payment
7. Sketch for B-2 on sloped face - (leave until negotiations)
8. Measurement + Payment 2.0 Final completion
9. ~~Pay~~ Measurement of Rockfill that gets dumped into water - based on stock pile measure
10. Grain wording to be sent to Bidders,
11. Weir removal - Greg.
12. Laydown Photos + color draw. - Greg.
13. Stockpile A B-2?

Date

Peter Sibrows - Control Mgr



West End of Area D Astaldi Out
Access to Cr. leave Astaldi in place
except for road
B1 - Aug 1 fully available for use?

June 17

M12 - Removal of cofferdams 1,2,3 +
Riverside cofferdam + extent of laydown
Area J 01 - MAY - 2016

Bill Knox - Area J. 1/2 Area end
of Sept.

Telecon Matt Wogley

- Safety Moment Couping/containers / Carbon monoxide poisoning
- Reviewed Items 1 - Use of Area J (laydown + stockpile) batching ops
2 - Clarification of availability of space in Area G.
3 - Clarification of our note on use of stockpile A materials

29

Date

- Would like to handle items 2+3 first

Area J - Lots of excavation

Cement 70 kg/m^3
Fly Ash 135 kg/m^3

June 18

Pat

Risk - wording -

Technical - Preliminary Evaluation.
then upgraded

" Previous Bid Team was changed
coz ... , so we took original
as a preliminary.

Note to file

Delayed coz of schedule delays, on
hold, new team, new circumstances

Dept H yps NL. Specification
liquid AC measurement of spagrat.

330.05.12

330.06.14

Date June 22

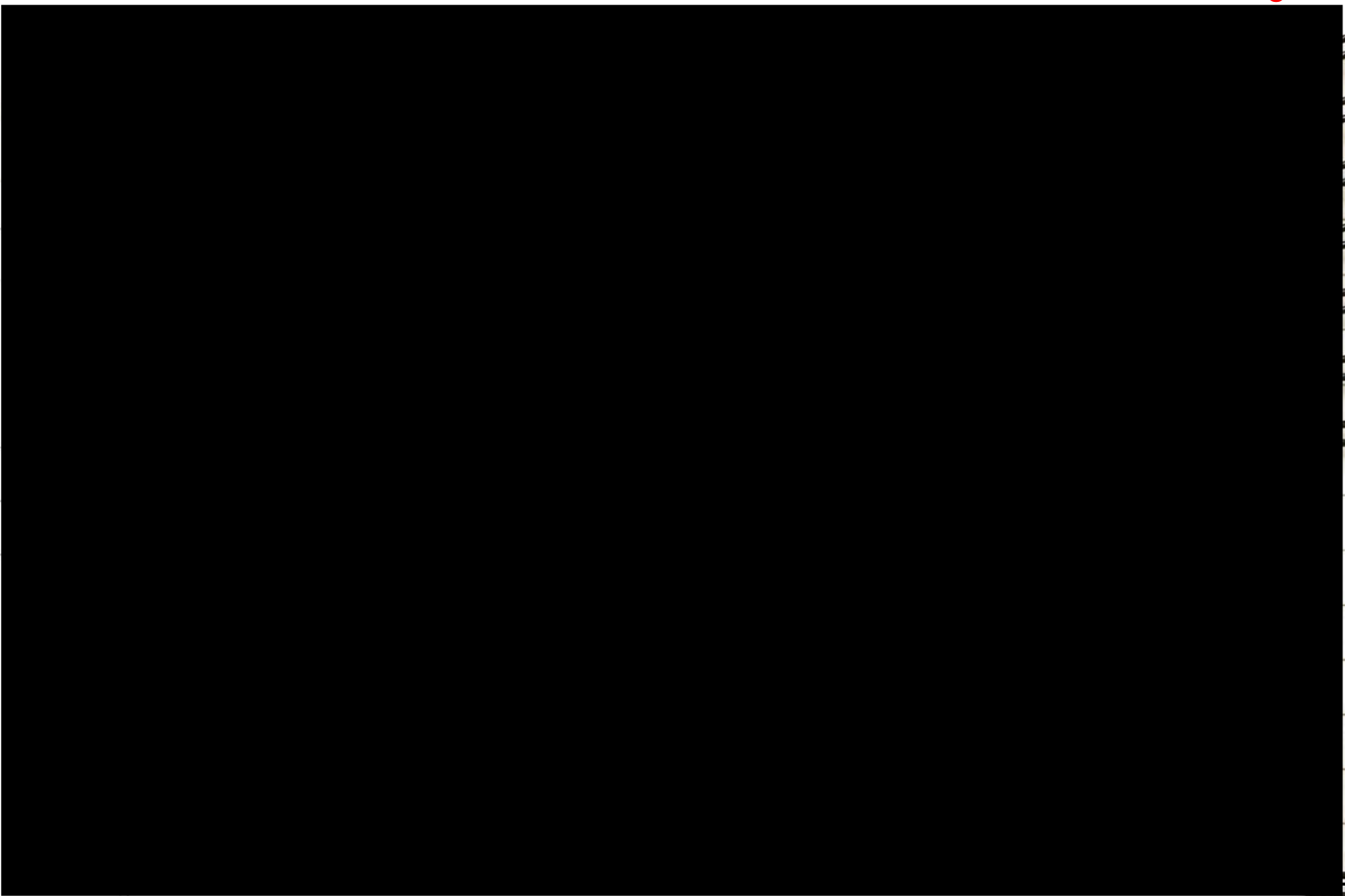
Coord Procedures Template 59 pages, 12,762 words

June 23.



- Ed Over -
1. He will talk with Nolan re. A17 Exceptions
 2. Extra work rates - ask Steve
 3. LD's - take action
 4. Wait until I talk with Scott re note to Bidders.

Greg - Work Permitting should go into the Coord Procedures



- 8.1 Article 14 twice.
- 8.4 Keep word ~~test~~ Company.
- 10.1 Template correct.

Date June 24

A

Elements Taken from Preliminary Evaluation

Benefits	Accepted
Equipment Rates Schedule	Reviewed
Indirect Staffing	Reviewed
Personnel Rates Schedule	Review
Commercial Factors	Review Accept
Labour Relations	Review
Environmental	Accept
Quality	"
Risk	"
Safety	"
Technical (Excl Team)	Review
Team	"

- New unit price items
- Update for ~~cost~~ recent event - remove contract temp access