

0018

OK
Outgoing
3/26/08

From: Wayne Western
To: Christensen, Steve; johngfefferth@consolenergy.com
CC: OGMCOAL
Date: 3/26/2008 3:33 PM
Subject: Bond Calc Task 2931
Attachments: DEMO2931.xls; Earth2931.xls; REVEG2931.xls; Total2931.xls

Steve and John,

Attached are the bond calculations for task 2929 and 2931.

To avoid confusion the bond calculations for the two submittals should be the same.

Let me know if you have any questions.

Wayne

Bonding Calculations

Direct Costs

Subtotal Demolition and Removal	\$217,813.00
Subtotal Backfilling and Grading	\$1,251,465.00
Subtotal Revegetation	\$510,251.00
Direct Costs	\$1,979,529.00

Indirect Costs

Mob/Demob	\$197,953.00	10.0%
Contingency	\$98,976.00	5.0%
Engineering Redesign	\$49,488.00	2.5%
Main Office Expense	\$134,608.00	6.8%
Project Mainagement Fee	\$49,488.00	2.5%
Subtotal Indirect Costs	\$530,513.00	26.8%

Total Cost	\$2,510,042.00
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Escalation factor		0.012
Number of years		5
Escalation	\$154,261.00	

Reclamation Cost Escalated	\$2,664,303.00
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Bond Amount (rounded to nearest \$1,000) 2009 Dollars	\$2,664,000.00
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Bond Posted 2004 dollars	\$2,208,000.00
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Difference Between Cost Estimate and Bond	-\$456,000.00
Percent Difference	-17.12%