

Attachment 3 - Financial Assurance Estimate (15 holes only)

PROJECT NAME: Tererro Project					
OPERATOR: Comexico LLC					
DATE: 6/3/2019					
Reclamation Unit Cost Calculations based on 2015 Davis Bacon wage rates (for Lemhi County Idaho), USFS Region 4 recommendations, latest pricing quotes around Salmon, Idaho and the 2004 Forest Service Training Guide for Reclamation Bond Estimation and Administration.					
I. Miles of Road Reclamation: (earthwork only)					
	(miles)	(cost per mile)			
Overland travel - Scarify and Cross Ditch	0.3 X	\$700.00 =		\$210.00	
0 to 10% Slope - Complete recontour	0.0 X	\$1,100.00 =		\$0.00	
11 to 25% Slope - Complete recontour	0.0 X	\$3,500.00 =		\$0.00	
26 to 45% Slope - Complete recontour	0.0 X	\$9,000.00 =		\$0.00	
over 45% Slope - Complete recontour	0.0 X	\$14,600.00 =		\$0.00	
			Total		\$210.00
II. Number of Drill Pads Off Road:					
	(count)	(cost per count)			
Track Drill Rig	15.0 X	\$200.00 =		\$3,000.00	
Truck Drill Rig	0.0 X	\$500.00 =		\$0.00	
			Total		\$3,000.00
III. Number of Sumps					
Sumps are considered a part of total disturbance	30.0 X	\$150.00 =		\$4,500.00	
			Total		\$4,500.00
IV. Acres of Seeding Required (include roads)					
	(acres)	(cost per acre)			
0 > 45% grade	2.2 X	\$495.00 =		\$1,079.10	
			Total		\$1,079.10
V. Equipment Walk in to Project and around Work Areas (estimate)					
	(hours)	(\$ per hour)			
Dozer/Excavator	40.0 X	\$150.00 =		\$6,000.00	
other		\$150.00 =		\$0.00	
			Total		\$6,000.00
VI. Open Drill Holes ¹					
	(count)	(cost per count)			
Bond for 11 holes <1500 ft	11.0	\$5,000.00		\$55,000.00	
Bond for 4 holes >1500 ft (4 holes at max 4000 ft)	16000.0	\$3.78		\$60,480.00	
Up to 1500ft depth = \$5,000					
Greater than 1500 ft = \$3.78/ft					
			Total		\$115,480.00
VII. Other (include separate justification page)					
	(count)	(cost per count)			
RDA Regrade 3 to 1 push down	x	\$ - =		\$0.00	
Fencing	x	\$ - =		\$0.00	
Road repair	x	\$ - =		\$0.00	
Monitoring wells	x	\$ - =		\$0.00	
Diversion Ditch	x	\$ - =		\$0.00	
Embankments	x	\$ - =		\$0.00	
Spill way	x	\$ - =		\$0.00	
Other (total cost)	x	\$ - =		\$0.00	
			Total		\$0.00
VIII. Long Term Maintenance & Monitoring (as applicable)					
	(count)	(cost per count)			
	years				
Noxious Weeds (\$206/ac/yr for 3 years)	3 2.2 x	\$ 206 =		\$1,359.60	
Road Maintenance	x	\$ - =		\$0.00	
Water Monitoring	x	\$ - =		\$0.00	
Diversion Ditch Maintenance	x	\$ - =		\$0.00	
Spill way Maintenance	x	\$ - =		\$0.00	
Other	x	\$ - =		\$0.00	
Other	x	\$ - =		\$0.00	
			Total		\$1,359.60
SUBTOTAL					
			Total		\$1,359.60
			Sub-Total		\$131,628.70
INDIRECT COSTS:					
Engineering redesign	10% (No redesign if no road construction)	10%	=	\$13,162.87	
Agency Administration	10%	10%	=	\$13,162.87	
Contingency	10%	10%	=	\$13,162.87	
Contractor Cost (Insurance, Bond, Profit Insur., Bond, Profit, etc.)					
\$0 - \$100K	(13.5% to 30%)	13.5%	=	\$17,769.87	
Mobilization/ Demobilization at % listed below					
\$0 - \$599,999	9%	9%	=	\$11,846.58	
\$600,000 - \$899,900	8%				
\$900,000 - \$1,199,000	7%				
>\$1,200,000	6%				
Inflation-include inflation if bond is not adjusted on an annual basis (3.5% of subtotal)	3.5%			\$4,607.00	
Sub-total			=	\$73,712.07	
			Grand Total		205,340.77
			Rounded up to nearest \$100.00		\$205,400.00

"OTHER" CALCULATIONS

WEED CONTROL

Weed Risk Rating - Moderate

Cost per acre	\$ 206.00
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Rating value	100%
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Cost per acre	\$206.00
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Duration	(years)	3
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Total acres disturbance	2.2
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Total cost for weed control	\$1,359.60
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Severe	100 %	5 YRS
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Moderate	80 %	3 YRS
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Low	50 %	2 YRS
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Recommended disturbance widths to be used for the Bond calculations:

Slope (%)		Disturbance Width (ft)		Average Disturban ce Width (ft)	
from	to	from	to		
0	10	14	16.1	15.1	Use 20 ft.
11	25	16.1	20.5	18.3	Use 25 ft.
26	45	20.5	34.6	27.6	Use 30 ft.
45	65	34.6	133.2	83.9	Use 85 ft.

Consider alternative road alignments.

Seeding calculations for roads

			Width (ft)	(miles)	acres per mile	(acres)
Overland travel - Scarify and Cross Ditch		20	0.0	X	2.42 =	0.00
0 to 10% Slope - Complete recontour		20	0.6	X	2.42 =	1.45
11 to 25% Slope - Complete recontour		25	0.0	X	3.03 =	0.00
26 to 45% Slope - Complete recontour		30	0.0	X	3.64 =	0.00
over 45% Slope - Complete recontour		85	0.0	X	10.30 =	0.00
				Total acres to be seeded	=	1.45

Note: assumptions:

5280 ft per mile
43560 sqft per acre

DRILL HOLE PLUGGING -

Assume one hole to be left open per working drill rig on site

Assume average hole depth from POO description

Mobilization, Demobilization, and plugging (1 ft to 1500 ft depth)				\$5,000.00	
plug	Count*	Depth (under 1500 ft)		Cost	
	1	@	11	\$5,000.00 = \$55,000.00	
plug	Count*	Depth (over 1500 ft)**		Cost/ft	
	1	@	16000	\$3.78 = \$60,480.00	
plug	1	@	0	\$3.78 = \$0.00	
				\$115,480.00	

*Number of working Drill Rigs on site

** average drill hole depth from plan