STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY Department of Natural Resources

1313 Sherman St., Room 215 Denver, Colorado 80203 Phone: (303) 866-3567 FAX: (303) 832-8106

May 23, 2013

Randy McClure Rio Grande Silver, Inc. P.O. Box 610 Creede, CO 81130



John W. Hickenlooper Governor

Mike King Executive Director

Loretta E. Pineda Director

Re: Modification MD-1, San Juan Silver Project, File No. P-2008-037, Approved, Awaiting Warranty Increase

Randy McClure:

On May 23, 2013, the Division approved Modification MD-1 for the above prospect. The change involves the reopening of a previously reclaimed drill pad (BD-4) and the drilling of two new bore holes.

The existing financial warranty amount for this prospecting project is \$5,826. <u>The additional estimated</u> reclamation cost associated with this modification is \$18,162, for a new required total bond amount of \$23,988. The reclamation cost breakdown is shown in the enclosed packet. Please review the figures in the enclosed packet and contact me promptly if you notice any errors or omissions.

The modification is approved, but will not become final until the additional bond is received. The prospecting project currently is covered under Safeco statewide bond no. 6575235. A sufficient amount of the statewide bond is available to be obligated toward this project, or you may choose to provide the additional bond in another form of warranty. Please contact the Division's warranty specialist, Barbara Coria, to discuss which form of bonding you wish to provide, and the proper form and procedure. She may be contacted directly at 303-866-3567 x 8148. The additional bond must be provided within 60 days of this letter or the modification may be denied.

Please contact me if you have any questions, at 970-247-5193.

Sincerely,

Bob Oswald Environmental Protection Specialist

Encl: MD-1 additional reclamation cost estimate

Ec: Barbara Coria, DRMS, Denver Russ Means, DRMS, Grand Junction Tom Malecek, USDA Forest Service, Monte Vista

(c:\13-05 docs\SJSP MD-1 appr&fw/rco)

COST SUMMARY WORK

ite: San Juan Silver Project	Permit Action: MD-1	Permit/Job#: P2008037
PROJECT IDENTIFICATION		
Task #: 000 State: Date: 5/23/2013 County: User: RCO County:	Colorado Mineral	Abbreviation:NoneFilename:P037-000
Agency or organization name:	MS	

Task		Form	Fleet	Task			
Idak	Description	Used	Size	Hours	Cost		
001	Backfill pad sumps (BD4)	DOZER	. 1	0.53	\$72.76		
002	Regrade drill pad (BD4)	DOZER	1	2.03	\$281.40		
003	Rip compaction on pad BD4 and access road	RIPPER	1	0.88	\$122.00		
004	Replace topsoil on drill pad and access road	DOZER	1	1.96	\$270.80		
005	Revegetate pad BD4 and access road	REVEGE	1	4.00	\$305.51		
006	Plug bore holes	BOREHOLE	1	8.00	\$9,450.00		
007	Haul reclamation equipment to and from site	MOBILIZE	1	6.50	\$3,683.05		
i	SUBTOTALS: 23.9						

INDIRECT COSTS

OVERHEAD AND PROFIT:

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Liability insurance:	2.02%	Total =	\$286.55
Performance bond:	1.05%	Total =	\$148.95
Job superintendent:	11.95 hrs	Total =	\$781.65
Profit:	10.00%	Total =	\$1,418.55
		TOTAL O & P =	\$2,635.70
		CONTRACT AMOUNT (direct + O & P) =	\$16,821.22

Financial warranty processing (legal/related costs): 500.00 Total = 500.00 Total = Engineering work and/or contract/bid preparation: 0.00% \$0.00 Reclamation management and/or administration: 5.00% \$841.06 CONTINGENCY: 0.00 Total = \$0.00 TOTAL INDIRECT COST = \$3,976.76

BULLDOZER WORK

San Juan Silver Project Permit Action: MD-1 Permit/Job#: P2008037 PROJECT IDENTIFICATION Task #: 001 State: Colorado Abbreviation: None Date: \$232/2013 County: Mineral Filename: P037-001 Use:: RCO Agency or organization name: DRMS HOURLY EQUIPMENT COST Basic Machine: Cat D6T LOP Horsepower: 200 Baite Machine: Cat D6T LOP Horsepower: 200 Data Source: (CKG) Coal Breakdown: Utilization 26 Ownership Cost/Hour: \$35.09 NA Operator Cost/Hour: \$37.41 NA Total Init Cost/Hour: \$138.47 No Total Fleet Cost/Hour: \$138.47 Suree of estimated woll factor: Loose volume: Division of Reclamation, Mining & Safety Source of estimated swell factor: Source of e	Task description:	Backfill pad sumps (E	3D4)			
Task #: 001 State: Colorado Abbreviation: None Date: \$5232013 County: Mineral Filename: P037-001 Jese: RCO RCO Filename: P037-001 Agency or organization name: DRMS HOURLY EQUIPMENT COST Basic Machine: Cat D6T LGP Horsepower: 200 Blade Type: Straight Attachment: 3-shank ripper Shift Basis: 1 per day Data Source: (CRG) Cost Breakdown: State: Ownership Cost/Hour: \$55.97 State in it Cost/Hour: \$50.00 Nate NA Operator Cost/Hour: \$0.00 Total wit Cost/Hour: \$0.00 Total Pieet Cost/Hour: \$138.47 MATERIAL OUANTITIES Initial Volume: Initial Volume: 67 Swell factor: 1.165 Loose volume: Division of Reclamation, Mining & Safety Source of estimated swell factor: Cat Handbook HURLY PRODUCTION Materials consistency description: <th>San Juan Silver Proj</th> <th>ect Permit A</th> <th>ction: MD-1</th> <th></th> <th>Permit/Job#:</th> <th>P2008037</th>	San Juan Silver Proj	ect Permit A	ction: MD-1		Permit/Job#:	P2008037
Date: 5/23/2013 County: Mineral Filename: P037-001 User: RCO Agency or organization name: DRMS HOURLY EQUIPMENT COST Basic Machine: Cat D6T LOP Housepower 200 Blade Type: Straight Housepower 200 Blade Type: Straight Housepower 200 Data Source: (CRG) Cost Breakdown: Utilization % Ownership Cost/Hour: \$55.97 100 Operating Cost/Hour: \$50.00 0 Operator Cost/Hour: \$37.41 NA Total unit Cost/Hour: \$138.47 MATERIAL QUANTITIES Initial Volume: 67 Source of estimated volume: Division of Reclamation, Mining & Safety Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 50 feet Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: 0% Average push gradient: 0% Average site altitude: 10,800 feet Material weight: 2,900 lbs	PROJECT IDENTIE	ICATION				
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Operator Skill:0.750(AVG.)Material consistency:0.900(CAT HB))	Job Condition Correction	1 Factor		Source		
Material consistency: 0.900 (CAT HB))			[
				(GEN.)		

Visibili	ity:	1.000	(AVG.)
Job efficiency: Spoil pile:		0.830	(1 SHIFT/DAY)
		0.800	(FND-RF)
Push gradie	nt:	1.000	(CAT HB)
Altitud	de:	0.940	(CAT HB)
Material Weig	ht:	0.793	(CAT HB)
Blade ty	pe:	1.000	(PAT)
Net correction	on: _0.	3341	<u></u>
Adjusted unit production:	148.5	4 LCY/hr	
Adjusted fleet production:	148.5	4 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.932/LCY

Total job time:	0.53 Hours
Total job cost:	\$72,76

BULLDOZER WORK

San Juan Silver Proj	oot Down	nit Action:	Access road	Permit/Job#:	D 2000027
San Juan Suver Proj		IIIt Action.	ww-1	Perilliv Job#:	P2008037
PROJE <u>CT IDENTIF</u>	ICATION				
		<u></u>			
Task #: 002	State:	Colorado		Abbreviation:	None
Date: 5/23/2013	County:	Mineral		Filename:	P037-002
User: <u>RCO</u>					
Agency or orga	nization name:	MS			
HOURLY EQUIPMI	ENT COST				
	t D6T LGP				
Horsepower: 200					
· ·	aight				
	hank ripper				
	**				
	er day RG)		<u>-</u>		
	NO)	-			
<u>Cost Breakdown</u> :					
			Utilization %		
Ownership Cost/Hour:	\$35.09		NA		
Operating Cost/Hour:	\$65.97		100		
Ripper op. Cost/Hour:	\$0.00		0		
Operator Cost/Hour:	\$37.41		NA		
Atal mait ('Act/Hasses					
otal unit Cost/Hour:	\$0.00		.		
Total Fleet Cost/Hour:	\$138.47				
otal Fleet Cost/Hour:	\$138.47				
	\$138.47				
`otal Fleet Cost/Hour: <u>IATERIAL QUANT</u>	\$138.47				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359	\$138.47				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12	\$138.47 <u> SITIES</u> 5				
Year Provide Structure Initial Volume: 359 Swell factor: 1.12 Loose volume: 404	\$138.47 <u>FITIES</u> 25 LCY				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated volume	\$138.47 [ITIES 5 LCY me:DRMS (0.	 .44 ac x 6 in	avg depth)		
Year Provide Structure Initial Volume: 359 Swell factor: 1.12 Loose volume: 404	\$138.47 [ITIES 5 LCY me:DRMS (0.		avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated volume	\$138.47 [ITIES 5 LCY me:DRMS (0.		avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated volume	\$138.47 CITIES 25 LCY me: DRMS (0. 1 factor: Cat Handb		avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated voluto ource of estimated swell HOURLY PRODUCT	\$138.47 TITIES 5 LCY me: DRMS (0. 1 factor: <u>Cat Handt</u> TION		avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volume 359 Source of estimated swell 359 Jource of estimated swell 359 AULTRATIONAL 359 Swell factor: 404 Source of estimated volume 359 Source of estimated swell 359 AULTRATIONAL 350 Source of estimated swell 350 Sou	\$138.47 (ITIES) : : : : : : : : : :	book	avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated voluto ource of estimated swell HOURLY PRODUCT	\$138.47 (ITIES) : : : : : : : : : :	book	avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated voluto ource ource of estimated swell ource HOURLY PRODUCT ource Average push distance: Unadjusted hourly product	\$138.47 CITIES 25 LCY me: DRMS (0. 1 factor: Cat Handle TION 50 feet ction: 50 feet	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volume 359 Source of estimated swell 359 Jource of estimated swell 359 AULTRATIONAL 359 Swell factor: 404 Source of estimated volume 359 Source of estimated swell 359 AULTRATIONAL 350 Source of estimated swell 350 Sou	\$138.47 CITIES 25 LCY me: DRMS (0. 1 factor: Cat Handle TION 50 feet ction: 50 feet	book	avg depth)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 SI38.47 SITIES 15 LCY me: DRMS (0. 1 factor: Cat Handh FION ction: 50 feet 444.6 LCY/I scription: Partly compared	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 S138.47 S138.47 S138.47 S138.47 S138.47 State Sta	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 SI38.47 SITIES 15 LCY me: DRMS (0. 1 factor: Cat Handh FION ction: 50 feet 444.6 LCY/I scription: Partly compared	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 S138.47 S138.47 S138.47 S138.47 S138.47 State Sta	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 S138.47 S138.47 S138.47 S138.47 S138.47 State Sta	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution 404 Jource of estimated swell 40	\$138.47 S138.47 S138.47 S138.47 S138.47 S138.47 State Sta	hr onsolidated			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution Jource of estimated swell HOURLY PRODUCT Atterials consistency destination Atterials consistency destination Atterial weight: Verage push gradient: Verage site altitude: Atterial weight:	\$138.47 S138.47 S138.47 S138.47 S138.47 S138.47 S138.47 S138.47 S138.47 State <	hr onsolidated			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 ource of estimated voluto ource of estimated swell Ource of estimated swell AURLY PRODUCT Auterials consistency destructed swell Verage push distance: Inadjusted hourly product Auterials consistency destructed swell Verage push gradient: Verage site altitude: Auterial weight: Veight description: ob Condition Correction	\$138.47 S138.47 S25 S118.47 S25 S260 feet 2,650 lbs/LCY Decomposed rock - Factor	hr onsolidated 	stockpile 1.1 75% Earth		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 359 Swell factor: 1.12 Loose volume: 404 Jource of estimated volution Jource of estimated swell HOURLY PRODUCT Atterials consistency destination Atterials consistency destination Atterial weight: Verage push gradient: Verage site altitude: Atterial weight:	\$138.47 S138.47 State State	hr onsolidated			

Visibilit	y: <u>1.000</u>	(AVG.)
Job efficienc	y: 0.830	(1 SHIFT/DAY)
Spoil pil	e: 0.800	(FND-RF)
Push gradier	nt: 1.000	(CAT HB)
Altitud	e: 0.940	(CAT HB)
Material Weigh	nt: 0.868	(CAT HB)
Blade typ	e: 1.000	(PAT)
Net correctio	n:	
Adjusted unit production:	198.74 LCY/hr	
Adjusted fleet production:		

Fleet size:	1 Dozer(s)
Unit cost:	\$0.697/LCY

Total job time:	2.03 Hours	
Total job cost:	\$281.40	

BULLDOZER RIPPING WORK

	Task description:	Rip compaction on p	ad BD4 and access ro	ad				
Site	: San Juan Silve	r Project Permit A	Action: MD-1	Permit/Job#	: P2008037			
	PROJECT IDE	NTIFICATION						
	Task #:003		olorado	Abbreviation:	None			
			ineral	Filename:	P037-003			
	User: <u>RCC</u>							
	Agency	or organization name: DRMS						
	HOURLY EQU	IPMENT COST						
	Basic M	fachine: Cat D6T LGP		Horsepower:	200			
	Ripper Atta	chment: 3-Shank Ripper			per day			
				Data Source: (CRG)			
	Cost Breakdown:		I	X 14:1: 0/				
		Ownership Cost/Hour:	\$35.09	Utilization % NA				
		Operating Cost/Hour:	\$65.97	100				
	Rippe	er Operating Cost/Hour:	\$0.00	100				
		Operator Cost/Hour:	\$37.41	NA				
		Total Unit Cost/Hour:	\$138.47					
		Total Fleet Cost/Hour:	\$138.47					
	MATERIAL Q	UANTITIES	Selected estimating	g method: <u>Area</u>				
	Alternate Methods	• •						
Seismic:	NA	Bank Vo	lume: NA	BCY	NA			
Area:	0.45	acres Rip Dept		Volume: 726	BCY or CCY			
	Source of estimated quantity: NOI plan							
	HOURLY PRO							
		DUCTION						
	Seismic:	Seismic Velocity:	NA	feet/second				
	A #001	y						
	Area:	Average Ripping Depth:	1.64	mph				
		Average Ripping Width:		degrees				
		Average Ripping Length:		feet				
		Average Dozer Speed:		feet				
		Average Maneuver Time:		feet				
		Production per unit area:	0.654	acres/hour				
	Job Condition Cor	rection Factors						
	Una	ljusted Hourly Unit Production:	0.654	Acres/hr				
		Site Altitude:	10,800	feet				
		Altitude Adj:		(CAT HB)				
		Job Efficiency:		(1 shift/day)				
		Net Correction:	0.78	multiplier				
		Adjusted Hourly Unit Prod		Acres/hr				
		Adjusted Hourly Fleet Prod	uction: 0.51	Acres/hr				
	JOB TIME AND COST							
	Fleet size:	1 Grader(s)	Total job tim	ne:0.88	Hours			
	Unit cost:	\$271.480 Per acre	Total job co	st:\$122.00				

BULLDOZER WORK

Task description:	Replace topsoil on dri	ll pad and access road		
San Juan Silver Pro	ject Permit A	ction: <u>MD-1</u>	Permit/Job#:	P2008037
PROJECT IDENTI	FICATION			
Task #: 004		orado	Abbreviation:	None
Date: 5/23/201	3 County: Mir	neral	Filename:	P037-004
User: RCO				
Agency or org	ganization name: DRMS			
HOURLY EQUIPM	IENT COST			
	Cat D6T LGP			
	00			
·	traight			
· · ·				
	-shank ripper			
	per day			
Data Source:(CRG)			
Cost Breakdown:				
		Utilization	<u>n %</u>	
Ownership Cost/Hour	; \$35.09	NA		
Operating Cost/Hour		100		
Ripper op. Cost/Hour		0		
Operator Cost/Hour		NA		
operator coorrigen				
Fotal unit Cost/Hour:	\$0.00			
Fotal Fleet Cost/Hour:	\$138.47			
MATERIAL QUAN Initial Volume: 35 Swell factor: 1.1				
Loose volume: 40	4 LCY			
Source of estimated vol		clamation, Mining & Saf	fety (.44 ac x 6 in	
·····	dept			
Source of estimated swe	ell factor: Cat Handbook			
HOURLY PRODUC	TION			
Average push distance:	50 feet			
Jnadjusted hourly prod	uction: 444.6 LCY/hr			
Materials consistency d	escription: Partly consol	idated stockpile 1.1		
warana much and in-	0.04			
Average push gradient:	0%			
Average site altitude:	10,800 feet			
Aaterial weight:	2,550 lbs/LCY			
Weight description:	Earth - Dry packed			
ob Condition Correction	<u>m Factor</u>	Sou	irce	
Operato	r Skill: 0.750	(AV	/G.)	
Material consis			/ <u>G.)</u> [HB)	

Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	0.940	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	206.52 LCY/hr	
Adjusted fleet production:	206.52 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.670/LCY

Total job time:	1.96 Hours
Total job cost:	\$270.80

REVEGETATION WORK

San Juan Silver Project	Permit Action: <u>MD-1</u> Perm		Permit/Job#	: P2008037
PROJECT IDENTIFICATION				
Task #: _ 005	State: Colorado		Abbreviation:	None
	County: Mineral Filename			P037-005
User: RCO				
Agency or organization name	e: DRMS			
<u>ERTILIZING</u>				
laterials				
	Units /			
Description		TT-+*4	Cost / Unit	Cost / A ore
Description	Acre	Unit	Cost / Unit	Cost /Acre
Description	Acre	Unit	Cost / Unit \$	Cost /Acre \$
Description	Acre	Unit	\$	-
Description	Acre	Unit		-
Description	Acre	Unit	\$ Total Fertilizer	-
Description	Acre	Unit	\$ Total Fertilizer Materials	\$
	Acre	Unit	\$ Total Fertilizer Materials	\$
pplication	Acre		\$ Total Fertilizer Materials	\$ \$0.00

<u>TILLING</u>

Description		Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)		\$145.20
	Total Tilling Cost/Acre	\$145.20

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Mountain Brome - Bromar	3.90	6.27	\$13.26
Slender Wheatgrass - San Luis	4.40	16.06	\$16.32
Streambank Wheatgrass - Sodar	2.30	7.50	\$9.68
Fireweed	0.26	47.06	\$76.50
Totals Seed Mix	10.86	76.89	\$115.76

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$261.28

Total Seed Application Cost/Acre

\$261.28

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description		Cost /Acre
		\$
	Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
			:		\$
		Totals	Nursery Stoc	k Cost / Acre	\$0.00

No. of Acres: Estimated Failure Rate:		0.45		Cost /Acre: Cost /Acre*:	
*Selected Replanting Work Items:		TILLING,SEEI	DING		
Initial Job Cost:	\$235.01				
Reseeding Job Cost:	\$70.50				
Total Job Cost:	\$305.51				
Job Hours:	4.00				

BOREHOLE SEALING WORK

1	Task description:	Plug bore ho	les			
Site:	San Juan Silver Project	I	Permit Action:	MD-1	Permit/	Job#: <u>P2008037</u>
PROJE	CT IDENTIFICATION	<u>v</u>				
Task #: Date: User:	5/23/2013	State: County:	Colorado Mineral		Abbreviation: Filename:	None P037-006
	Agency or organizat	tion name:	ORMS			

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Plug boreholes	Cement bore hole	6	4500	4,500.00	LF	\$2.10	\$9450.00
	Job	Hours:	8.00		Total C	Cost:	\$9,450.00

Notes:

Cement to be tremied through entire bore hole depth. Since both holes are at same drill pad, and one drill will be used, operator will have only one drill hole open at a time.

EQUIPMENT MOBILIZATION/DEMOBILIZATION

. Sall Juall	Silver Project	Permit 2	Action: MD-1		Pe	rmit/Job#: <u>P20</u>	08037
PROJECT	IDENTIFICAT	<u>'ION</u>					
Task #:	007	State: Co	olorado		Abbr	eviation: None	e
Date: User:	5/23/2013 RCO	County: M	ineral		F	ilename: P037	-007
Age	ency or organizatio	n name: DRMS					
EQUIPME	NT TRANSPOL	<u>RT RIG COST</u>					
					Shift ba	asis: 1 per d	av
					Cost Data Sou		
	Truck Tractor Des	crintian: CEN	EDIC ON UIGU			DR, 6X4, DIESEI	
	THUCK THACKOT DES	den	EKIC ON-HIGH		2ND HALF,		L FOWERED,
	Truck Trailer Des	cription: GENE	RIC FOLDING			DECK EQUIPME	INT TRAILER
					, 50T, AND 10		
				·····	<u> </u>		_
Cost Breakdo	own:				<u> </u>		
Available Ri	g Capacities	0-25 Tons	26-50 Tons		+ Tons		
Available Ri Owne	g Capacities ership Cost/Hour:	\$16.63	\$18.37	\$	+ Tons 22.33		
Available Ri Owne Oper	g Capacities rship Cost/Hour: ating Cost/Hour:	\$16.63 \$44.38	\$18.37 \$46.13	\$ \$	+ Tons 22.33 50.07		
Available Ri Owne Oper Ope	g Capacities rship Cost/Hour: rating Cost/Hour: erator Cost/Hour:	\$16.63 \$44.38 \$27.66	\$18.37 \$46.13 \$27.66	\$ \$ \$	+ Tons 22.33 50.07 27.66		
Available Ri Owne Oper Ope H	g Capacities rship Cost/Hour: ating Cost/Hour: erator Cost/Hour: elper Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00	\$18.37 \$46.13 \$27.66 \$25.39	\$ \$ \$ \$	+ Tons 22.33 50.07 27.66 25.39		
Available Ri Owne Oper Ope H	g Capacities rship Cost/Hour: rating Cost/Hour: erator Cost/Hour:	\$16.63 \$44.38 \$27.66	\$18.37 \$46.13 \$27.66	\$ \$ \$ \$	+ Tons 22.33 50.07 27.66		
Available Ri Owne Oper Ope H Total	g Capacities rship Cost/Hour: ating Cost/Hour: erator Cost/Hour: elper Cost/Hour: Unit Cost/Hour: DABLE EQUIP	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67	\$18.37 \$46.13 \$27.66 \$25.39	\$ \$ \$ \$1 \$1	+ Tons 22.33 50.07 27.66 25.39	<u> </u>	
Available Ri Owne Oper Ope H Total	g Capacities rship Cost/Hour: ating Cost/Hour: erator Cost/Hour: elper Cost/Hour: Unit Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig	\$ \$ \$ \$	+ Tons 22.33 50.07 27.66 25.39	Return Trip	
Available Ri Owne Oper Ope H Total NON ROA	g Capacities rship Cost/Hour: ating Cost/Hour: erator Cost/Hour: elper Cost/Hour: Unit Cost/Hour: DABLE EQUIP	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT:	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55	\$ \$ \$ \$1 \$1	+ Tons 22.33 50.07 27.66 25.39 125.45	<u> </u>	DOT Perm Cost/ fleet
Available Ri Owne Oper Ope H Total NON ROA Machine Description	ig Capacities prship Cost/Hour: ating Cost/Hour: erator Cost/Hour: elper Cost/Hour: Unit Cost/Hour: DABLE EQUIP Weight/ Unit (TONS)	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit	Size	+ Tons 22.33 50.07 27.66 25.39 125.45 Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	Cost/ fleet
Available Ri Owne Oper Ope H Total NON ROA Machine Description Cat D6T LGP	ig Capacities prship Cost/Hour: ating Cost/Hour: erator Cost/Hour: Unit Cost/Hour: DABLE EQUIP Weight/ Unit (TONS) 28.63	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit \$0.00	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$117.55	Size	+ Tons 22.33 50.07 27.66 25.39 125.45 Haul Trip Cost/hr/ fleet \$117.55	Return Trip Cost/hr/ fleet \$117.55	Cost/ fleet \$250.00
Available Ri Owne Oper Ope H Total NON ROA Machine Description Cat D6T LGP Drill/Broadcas Seeder with Tr	ig Capacities prship Cost/Hour: ating Cost/Hour: erator Cost/Hour: Unit Cost/Hour: DABLE EQUIP Weight/ Unit (TONS) 28.63 t 25.00 actor	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit \$0.00 \$41.85	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$117.55 \$88.67	Size	+ Tons 22.33 50.07 27.66 25.39 125.45 Haul Trip Cost/hr/ fleet \$117.55 \$130.52	Return Trip Cost/hr/ fleet \$117.55 \$88.67	Cost/ fleet \$250.00 \$250.00
Owne Oper Ope H Total	ig Capacities prship Cost/Hour: ating Cost/Hour: erator Cost/Hour: Unit Cost/Hour: DABLE EQUIP Weight/ Unit (TONS) 28.63 t 25.00	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit \$0.00	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$117.55	Size	+ Tons 22.33 50.07 27.66 25.39 125.45 Haul Trip Cost/hr/ fleet \$117.55	Return Trip Cost/hr/ fleet \$117.55	\$250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
		Subtotals:	\$0.00	\$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DEL NORTE 45.00 40.00	miles
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$3,683.05	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.13	1.13
Return Time (Hours):	1.13	1.13
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.25	2.25

JOB TIME AND COST

Note: Water tanker is for batching cement to backfill boreholes.