COST SUMMARY WORK

: Willow C	Creek Mine	Permi	Permit Action: AM-3		Permit/Job#: <u>M198301</u>	
PROJECT	IDENTIFIC	<u>ATION</u>				
Task #:	000	State: C	Colorado	Abbreviation:	None	
Date:	10/12/2018	County: I	Lake	Filename:	M011-000	
User:	DMC					

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Backfill boxcut mine area and ponds	TRUCK1	1	151.63	\$60,389.00
02a	Rip processing area	RIPPER	1	7.79	\$1,755.00
03a	Final Grading	DOZER	1	45.60	\$9,508.00
04a	Distribute topsoil	TRUCK1	1	40.68	\$24,680.00
05a	Revegetate USFS disturbed area	REVEGE	1	10.00	\$21,283.00
05b	Revegetate private land (rangeland)	REVEGE	1	15.00	\$24,931.00
06a	Mobilize reclamation crew and equipment	MOBILIZE	1	3.30	\$6,600.00
		\$149,146			

INDIRECT COSTS

OVERHEAD AND PROFIT:

2.02 \$3,012.75 Liability insurance: Total = Performance bond: 1.05 Total = \$1,566.03 Job superintendent: 137.00 Total = \$10,007.85 Profit: 10.00 Total = \$14,914.60

TOTAL O & P = $\frac{$29,501.23}{$178,647.23}$

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00 Total = 500.00

Engineering work and/or contract/bid preparation: 0.00 Total = \$0.00

Reclamation management and/or administration: 5.00 \$8,932.36

CONTINGENCY: 0.00 Total = \$0.00

TOTAL INDIRECT COST = \$38,933.59

TOTAL BOND AMOUNT (direct + indirect) = \$188,079.59

Rounded to \$190,000

TRUCK/LOADER TEAM WORK

1a
<u>la</u>
<u>la</u>
Equipment ater Truck
tter Truck
25
\$25.30
\$9.15
NA
\$0.00
\$0.00
\$0.00
\$34.45
1
1.45

HOURLY PRODUCTION

Truck Capacity:

Truck Payload (weight) Basis:

Material weight: 2,650 Pounds/LCY

Description: Decomposed rock - 25% Rock, 75% Earth

Rated Payload: 62,000 Pounds

Total Cost: \$0.00

Truck/Loader Worksheet Con-	t'd	Task # 01A			Page 2 of	`4
Payload Capacity: _	23.40	LCY				
Truck Bed (volume) Basis: Struck Volume: Heaped Volume: Average Volume: Adjusted Volume:	22.10 19.60	LCY LCY LCY LCY				
Final T	ruck Volume B	ased on Number of	Loader Passes:	20.96	LCY	
Loading Tool Capacity						
			Buck	tet Size Class: _	NA	_
Rated Capacity:	4.300	LCY (heaped)				_
Bucket Fill Factor:	0.975		- mixed moist a	ggregates (95-100	0%) 0.975	_
Adjusted Capacity: _	4.193	LCY				
Job Condition Corrections:		Si	te Altitude (ft.):	9600 feet		
	Truck	Loader	Source			
Altitude Adj:	0.900	1.000	(CAT HI			
Job Efficiency:	0.830	0.830	(CAT HI	3)		
Net Correction:	0.747	0.830				
Loading Tool Cycle Time:	N	Tumber of Loading	Tool Passes Reg	uired to Fill	_	passes
Excavators and Front Shovels		S	1	Truck:	5	1
Machine Cycle Time vs	_	Rating: NA				
Selected Value w						
Track Loaders – N	Material Descri	ption:				
Cycle Time Elements (min.):						
•	M	on aurioni NIA		Dumm. 0.1	00	
Load: NA		aneuver: NA		Dump: 0.1		
Wheel and Track	Loaders - Una	djusted Basic Loade	•	oad, dump, naneuver):	0.500 min	utes
Cycle Time Factors				Factor (min.)	Source	
Material:	Mixed materi			0.020	(Cat HB)	_
Stockpile:	0.00	dozer piled 10 ft. hig	1	0.000	(Cat HB)	
Truck Ownership:	0.04	nership of trucks and	d loaders -	-0.040	(Cat HB)	
Operation:	Constant ope			-0.040	(Cat HB)	<u>—</u>
Dump Target:	Nominal targ		A 1'	0.000	(Cat HB)	_
		Net Cycle Tim Adjusted Loade		-0.060 0.440	minutes minutes	
			me per Truck:	1.860	minutes	
Truck Cycla Time						
Truck Cycle Time:		3.51			0.55-	2.51
Truck Exchange Time:		Minutes	-	for site altitude:	0.667	Minutes
Truck Load Time:	1.860	Minutes	Adjusted	for site altitude:	1.860	Minutes
Truck Maneuver and Dump Time:		Minutes	Adjusted	for site altitude:	1.111	Minutes

<u>Truck Travel (Haul & Return) Time:</u> <u>maintained 3.0</u> Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered,

TT 1	T .	
Haul	ν_{α}	ıta.
	1000	

Seg#	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1600.00	0.00	3.00	3.00	2183	0.996

				Haul Time:	0.996	minutes
Return Rou	ıte:					
Seg#	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1600.00	0.00	3.00	3.00	2936	0.700

Return Time: 0.700 minutes
Total Truck Cycle Time: 5.334 minutes

Loading Tool unit

Production 497.79 LCY/Hour Adjusted for job efficiency: 413.17 LCY/Hour Truck Unit Production 235.81 LCY/Hour Adjusted for job efficiency: 195.72 LCY/Hour

Optimal No. of Trucks: 2 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 391.44 LCY/Hour Adjusted single truck/loader team production: 391.44 LCY/Hour Adjusted multiple truck/loader team production: 391.44 LCY/Hour

JOB TIME AND COST

 Fleet size:
 1
 Team(s)
 Total job time:
 151.63
 Hours

 Unit cost:
 \$1.017
 /LCY
 Total job cost:
 \$60,389

BULLDOZER RIPPING WORK

	Task description:	<u></u>	Rip processing are	ea					
Site	: Willow Creek	Mine	Perm	nit Action:	AM-3		Permit/Jo	b#: <u>M19830</u>	11
-	PROJECT IDE	NTIFICA	ATION .						
	Task #: 02A	Δ	State:	Colorado			Abbreviation:	None	
		12/2018		Lake			Filename:	M011-02a	
	User: DN						1 11011011101		
	Agency	or organiza	tion name: <u>DRN</u>	4S					-
-	HOURLY EQU	IPMENT	COST						
	Basic N	Machine:	Cat D8T - 8SU			Horsepo	wer:	310	
	Ripper Atta	achment:	3-Shank Ripper		_	Shift B		per day	=
		=				Data Sou	urce: (CRG)	_
	Cost Breakdown:								
-	<u> </u>					Utilizatio	n %		
		Ownershi	ip Cost/Hour:		\$93.62	NA			
			g Cost/Hour:		\$73.35	100			
			ip Cost/Hour:		\$8.93	NA			
	Rippe		ng Cost/Hour:		\$7.78	100			
			or Cost/Hour:		\$41.52	NA			
		Total Un	it Cost/Hour:		\$225.20				
		Total Fle	et Cost/Hour:	\$225	.20				
-	<u>MATERIAL QU</u>	<u>UANTITI</u>	<u>IES</u>	Selec	ted estimating	method:	Area		_
4	Alternate Methods	<u>:</u>							
Seismic	NA		Bank	Volume:	NA	В	CY	NA	
Area		acres		Depth (ft):	1.00		ume: 8,067		BCY or CC
		Source of	estimated quantity:		Ţ				
	HOUDI V DDO		• •	Lamon	L				-
-	HOURLY PRO	DUCTIO	<u>'IN</u>						
į	Seismic:								
			Seismic Veloci	ty:	NA	fe	eet/second		
	Area:								
-		Av	erage Ripping Dep	th:	2.56	m	nph		
		Av	erage Ripping Wid	th:	7.08	d	egrees		
			rage Ripping Leng		200.00		eet		
			Average Dozer Spee		88.00		eet		
			rage Maneuver Tin		0.25		eet		
		Pro	duction per unit are	ea:	0.773	ac	cres/hour		
<u>:</u>	Job Condition Cor	rection Fac	etors etors						
	Una	djusted Ho	ourly Unit Production	on:	0.773	A	cres/hr		
			Site Altitud	le:	9,600	fe	eet		
			Altitude A	dj:	1.00	(0	CAT HB)		
			Job Efficience	:y:	0.83	(1	l shift/day)		
			Net Correction	on:	0.83	m	nultiplier		
			sted Hourly Unit Pr		0.64	Acre			
		Adjus	ted Hourly Fleet Pr	oduction:	0.64	Acre	s/hr		
:	JOB TIME ANI	D COST							
	Fleet size:	1	Grader(s)		Total job tim	ne:	7.79	Hours	
	Unit cost:	\$350.94	1 Per acre		Total job co	st:	\$1,755		

BULLDOZER WORK

Task description:	Final Grading				
te: Willow Creek Mine	<u>.</u> F	Permit Action:	AM-3	Permit/Jo	b#: <u>M1983011</u>
PROJECT IDENTIF	<u> ICATION</u>				
Task #: 03A Date: 10/12/20 User: DMC	State: County:			Abbreviation: Filename:	None M011-03a
Agency or orga	anization name:I	DRMS			
HOURLY EQUIPM	ENT COST				
Horsepower: 3 Blade Type: S Attachment: N	Cat D8T - 8SU 10 emi-Universal NA per day				
	CRG)				
Cost Breakdown:			Utilization %		
Ownership Cost/Hour		\$93.62	NA		
Operating Cost/Hour Ripper own		\$73.35	100		
Cost/Hour		\$0.00	NA		
Ripper op. Cost/Hour		\$0.00	0		
Operator Cost/Hour	:	\$41.52	NA		
Swell factor: 1.0	1,167 000 1,167 LCY				
Source of estimated vo Source of estimated sw factor:	olume: Divisio	n of Reclamation	, Mining & Safety		
HOURLY PRODUC	TION				
Average push distance Unadjusted hourly production:	: 100 feet 852.6 LC	Y/hr	_		
Materials consistency	description: Loos	e stockpile 1.2			
Average push gradient:	0 %				
Average site altitude:	9,600 feet				
Material weight:	2,650 lbs/LCY				
Weight description:	Decomposed roo	ck - 25% Rock, 7	5% Earth		
Job Condition Correction	n Factor		Source		

Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT 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:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5187

Adjusted unit production:

Adjusted fleet production:

442.24 LCY/hr

442.24 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.471/LCY

Total job time: 45.60 Hours
Total job cost: \$9,508

TRUCK/LOADER TEAM WORK

ite: Willow Creek N	Mine	Permit Act	tion: AM-3		Permit/Job#:	M1983011
PROJECT IDEN	TIFICATION					
Task #: 04A		State: Color	ado	Abl	breviation: N	one
		County: Lake			Filename: M	011-04a
User: DMC	<u> </u>					
Agency or	organization nan	ne: DRMS				
HOURLY EQUII	PMENT COST			Shift ba	sis: 1 per day	
			Equipment Descr	iption		
Т	ruck Loader Tear		730			
Cum	ort Equipment -L		Т 950Н			
Supp			: D8T - 8SU			
Road Ma	aintenance –Moto					
	-Wa	ter Truck: Wa	ter Tanker, 5,000	Gal.		
C (D 11	T 1/I	1 7	G 4	F : ,	3.6 1 4	г .
Cost Breakdown:	Truck/Loa Truck	Loader	Support Load Area	Equipment Dump Area	Mainten Motor	ance Equipmen Water Truck
T. 111 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .				•	Grader	
Jtilization-machine:	100	100	NA	100	NA NA	2.
wnership cost/hour:	\$57.82	\$26.14	NA	\$93.62	NA	\$25.3
Operating cost/hour:	\$44.78	\$30.84	NA	\$73.35	NA	\$9.1
%Utilization-riper:	NA NA	\$0.00	NA NA	NA \$0.00	NA NA	\$0.0
oper own. cost/hour:	NA NA	\$0.00	NA NA	\$0.00	NA NA	\$0.0
Operator cost/hour:	\$30.37	\$40.90	NA NA	\$41.52	NA NA	\$0.0
Unit Subtotals:	\$132.96	\$97.89	NA NA	\$208.49	NA NA	\$34.4
Number of Units:	2.30	1	0	\$200.49 1	0	φ34.4
Group Subtotals:	Work:	\$363.81	Support:	\$208.49	Maint:	\$34.45
		ψ505.01	вирроги.	Ψ200.47	withit.	ψ54.45
Total work team cos	t/hour: \$606.75					
MATERIAL QUA	ANTITIES					
•		CCV	7 C11	f4 1 000		
Initial volume Loose volume		CCY 6 LCY		factor: 1.000		
		 -		M: · o c	C.	
	urce of estimated of estimated swe		sion of Reclamati Handbook	on, Mining & Sa	iety	
Source	Material Purcha					
		tal Cost: \$0.0				
HOURLY PRO	DUCTION					
Truck Capacity:						

Pounds

Description: Top Soil
Rated Payload: 62,000

Truck/Loader Worksheet Con	t'd	Task #	# 04A			Page 2 of	4
Payload Capacity: _	38.75		LCY				
Truck Bed (volume) Basis:							
Struck Volume:	17.10	LCY					
Heaped Volume:	22.10	LCY					
Average Volume:	19.60	LCY					
Adjusted Volume:	22.10	LCY					
Final T	ruck Volume	Based on Num	ber of Loa	der Passes:	20.96	LCY	
Loading Tool Capacity							
				Buck	et Size Class:	NA	
Rated Capacity:	4.300	LCY (hea	aned)	Buck		1171	<u> </u>
Bucket Fill Factor:	0.975			rad masist s	ggregates (95-100	00/) 0.075	_
Adjusted Capacity:	4.193	LOOSE III	ateriai - iiii	xed moist ag	ggregates (93-100	J70) 0.973	_
Job Condition Corrections:			Site A	ltitude (ft.):	9600 feet		
	Truck	Loadei	r	Source			
Altitude Adj:	0.900	1.000		(CAT HE	3)		
Job Efficiency:	0.830	0.830		(CAT HE			
Net Correction:	0.747	0.830					
Loading Tool Cycle Time:		Number of Loa	iding Tool	Passes Requ		5	passes
Excavators and Front Shovels	<u>s:</u>				Truck:		
Machine Cycle Time vs Selected Value w							
Track Loaders – N							
Cycle Time Elements (min.):	viatoriai Besei	<u></u>					
Load: NA	N	Maneuver: N	A		Dump: 0.1	00	
Wheel and Track	Loaders - Un	adjusted Basic	Loader Cy	,	ad, dump, naneuver):	0.500 mir	nutes
Cycle Time Factors					Factor (min.)	Source	
Material:	Mixed mate	rial 0.02			0.020	(Cat HB)	
Stockpile:	Conveyor or 0.00	dozer piled 10) ft. high ar	nd up	0.000	(Cat HB)	_
Truck Ownership:	Common ov 0.04	vnership of truc	cks and loa	ders -	-0.040	(Cat HB)	
Operation:		eration -0.04			-0.040	(Cat HB)	<u> </u>
Dump Target:	Nominal tar				0.000	(Cat HB)	_
			le Time Ac		-0.060	minutes	
			Loader Cy		0.440	minutes	
		Net Lo	oad Time p	er Truck:	1.860	minutes	
Truck Cycle Time:							
Truck Exchange Time:	0.60	Minutes		Adjusted	for site altitude:	0.667	Minutes
Truck Load Time:	1.860	Minutes		Adjusted	for site altitude:	1.860	Minutes
Truck Maneuver and Dump	1.00	Minutes		Adjusted	for site altitude:	1.111	– Minutes
Time:				J			_

<u>Truck Travel (Haul & Return) Time:</u> <u>maintained 3.0</u> Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered,

Adjusted for job efficiency: 208.21 LCY/Hour

Page 4 of 4

Haul Route:

Seg#	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1200.00	0.00	3.00	3.00	2183	0.813

Haul Time: **0.813** minutes Return Route: Grade (%) Roll. Res Total Res Velocity Travel Seg# Haul Distance Time (Ft) (%)(%) (fpm) (min) 3.00 3.00 1200.00 0.00 2936 0.563

Return Time: 0.563 minutes
Total Truck Cycle Time: 5.014 minutes

Loading Tool unit

Production 497.79 LCY/Hour Adjusted for job efficiency: 413.17 LCY/Hour Truck Unit Production

Optimal No. of Trucks: 2 Truck(s) Selected Number of Trucks: 2 Truck(s)

LCY/Hour

Adjusted hourly truck team production:
Adjusted single truck/loader team production:
Adjusted multiple truck/loader team production:
416.43
LCY/Hour
LCY/Hour
Adjusted multiple truck/loader team production:
413.17
LCY/Hour

JOB TIME AND COST

250.86

 Fleet size:
 1
 Team(s)
 Total job time:
 40.68
 Hours

 Unit cost:
 \$1.469
 /LCY
 Total job cost:
 \$24,680

REVEGETATION WORK

Task description	on: Rev	vegetate USFS distu	ırbed area				
Willow Cre	eek Mine	Permit Action: AM-3 Permit/Job#:			: M1983011		
PROJECT II	DENTIFICATI	ON					
	05A	State: Colo	rado		Ahl	breviation:	None
	10/12/2018	County: Lake					M011-05a
	DMC	, <u> </u>					
Agend	cy or organization	n name: DRMS					
ERTILIZIN	<u>IG</u>						
Materials							I
Description	l		Units / Acre	Unit	Cos	t / Unit	Cost /Acre
					\$		\$
					Tot	al Fertilizer Materials Cost/Acre	\$0.00
Application Description							Cost /Acre
Description	L						\$
			Total	Fertilizer	Applicatio	n Cost/Acre	\$0.00
<u> </u>							
Description	1						Cost /Acre
Chisel plow	ing {DMG}						\$92.77
		NS 31 31 16.13 310	00)				\$193.60
				r	Total Tillin	g Cost/Acre	\$286.37
SEEDING							
					Rate –		
Seed Mix					PLS	Seeds	Cost /Acre
					LBS /	per SQ. FT	
1					Acre		

Application

Arizona Fescue - Redondo

Mountain Brome - Bromar

Slender Wheatgrass - Native

Thickspike Wheatgrass - Critana

Bottlebrush Squirreltail

\$12.12

\$53.40

\$72.18

\$28.80

\$46.96

\$213.46

1.00

12.00

10.00

34.00

8.00

Totals Seed Mix

3.00

11.48

19.28

13.22

36.50

28.28

108.77

Description		Cost /Acre
Broadcast seeding [DMG]		\$267.22
	Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$288.00	\$576.00
Total Mulch Materials Cost/Acre				\$576.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$68.78
Power mulcher (MEANS 32 91 13.16 0350)		\$92.78
	Total Mulch Application Cost/Acre	\$161.56

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
Pine, Lodgepole	100	Tubling, 10 cu. in. container {(MEANS)	\$1.98	\$0.00	\$198.00
		Total	s Nursery Stoo	ek Cost / Acre	\$198.00

JOB TIME AND COST

No. of Acres: 10 Cost /Acre: \$1,702.61 Estimated Failure Rate: 25% Cost /Acre*: \$1,702.61

*Selected Replanting Work Items: TILLING,SEEDING,NURSERY,MULC

HING

Initial Job Cost: \$17,026.10

Reseeding Job Cost: \$4,256.53

Total Job Cost: \$21,283

10.00

REVEGETATION WORK

Task description:	Revegetate private land	d (rangeland	d)			
Willow Creek Mine	Permit Ac	etion: AM-	3		Permit/Job#	: <u>M1983011</u>
PROJECT IDENTIFICA	TION_					
Task #: 05B	State: Color	rado		Abl	reviation:	None
Date: 10/12/2018	Date: 10/12/2018 County: Lake		_		M011-05b	
User: DMC	<u> </u>					
Agency or organizat	tion name: DRMS					
<u>TERTILIZING</u>						
Taterials		Units /				
Description		Acre	Unit	Cost	t / Unit	Cost /Acre
				\$		\$
				Tot	al Fertilizer	
					Materials Cost/Acre	\$0.00
Application Description						Cost /Acre
						\$
		Total	Fertilizer A	Application	n Cost/Acre	\$0.00
TILLING						
Description						Cost /Acre
Chisel plowing {DMG}						\$92.77
Weed control spraying (M	EANS 31 31 16.13 310	0)				\$193.60
			To	otal Tillin	g Cost/Acre	\$286.37
SEEDING						
				Rate –		
Seed Mix				PLS	Seeds	Cost /Acre
				LBS /	per SQ. FT	
Arizona Fescue - Redondo				Acre		\$72.72
Arizona rescue - Kedondo	1			6.00	68.87	\$14.14

Mountain Brome - Bromar

Sandberg Bluegrass - VNS

Prairie Junegrass

Slender Wheatgrass - Native

Streambank Wheatgrass - Sodar

Great Basin Wildrye - Magnar

	251.26	\$305.71

12.86

29.26

42.47

29.20

26.08

42.52

8.00

7.20

2.00

8.00

8.00

0.80

\$35.60

\$83.16

\$16.50

\$23.04

\$49.84

\$24.85

\$0.00

	Totals Seed Mix	40.00	
Application			
Description			Cost /Acre
			\$0.00

Total Seed Application Cost/Acre

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
	1.00		\$0.00	\$0.00
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$288.00	\$576.00
Total Mulch Materials Cost/Acre				\$576.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$68.78
Power mulcher (MEANS 32 91 13.16 0350)		\$92.78
	Total Mulch Application Cost/Acre	\$161.56

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 15
 Cost /Acre:
 \$1,329.64

 Estimated Failure Rate:
 25%
 Cost /Acre*:
 \$1,329.64

*Selected Replanting Work Items: TILLING, SEEDING, MULCHING

Initial Job Cost: \$19,944.60

Reseeding Job Cost: \$4,986.15

Total Job Cost: \$24,931

15.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mobilize reclar	nation crew and	equipment		
Site: Willow Creek Mine	P	Permit Action: AM-3		Permit/Jo	bb#: <u>M1983011</u>
PROJECT IDENTIFIC	ATION				
Task #: 06A Date: 10/12/2018 User: DMC	State: County:	Colorado Lake		Abbreviation: Filename:	None M011-06a
Agency or organiz	zation name: D	RMS			
EQUIPMENT TRANSI	PORT RIG CO	<u>ST</u>			
			Co	Shift basis:st Data Source:	1 per day CRG Data
Truck Tractor	Description: C	ENERIC ON-HI		K TRACTOR, 6X4, ND HALF, 2006)	DIESEL POWERED,
Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DE TRAILER (25T, 50T, AND 100°					
Cost Breakdown:					
Available Rig Capacities	0-25 Ton	s 26-50 To	ns 51+ T	ons	
Ownership Cost/Ho	our: \$16.63	\$18.37	\$22.	33	
Operating Cost/Ho		\$46.13	\$50.	07	
Operator Cost/Ho		\$27.66	\$27.	66	
Helper Cost/Ho	our: \$0.00	\$25.39	\$25.	39	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$88.67

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
_	(TONS)		t		fleet		
Cat 730	25.19	\$57.82	\$88.67	2	\$292.98	\$177.34	\$500.00
CAT 972H	28.00	\$44.67	\$117.55	1	\$162.22	\$117.55	\$250.00
Cat D8T - 8SU	53.08	\$102.55	\$125.45	1	\$228.00	\$125.45	\$250.00
Water Tanker,	15.00	\$25.30	\$88.67	1	\$113.97	\$88.67	\$250.00
5,000 Gal.							
Drill/Broadcast	25.00	\$15.54	\$88.67	1	\$104.21	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$8.33	\$88.67	1	\$97.00	\$88.67	\$250.00
(Bowie LD-90)							

\$117.55

\$125.45

Subtotals: \$998.38 \$686.35 \$1,750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$12.23	1	\$12.23	\$12.23

Subtotals:	\$12.23	\$12.23

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

LEADVILLE

13.00

miles

40.00

mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$6,591.83

<u>Transportation Cycle Time:</u>

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.33	0.33
Return Time (Hours):	0.33	0.33
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.65	0.65

JOB TIME AND COST

Total job cost: 3.30 Hours

Total job cost: \$6,600