COST SUMMARY WORK

Task description: Reclam		Reclamation of	Pino Pit			
Site: Pino Pi	t	Pe	rmit Action:	2019 Inspection	Permit/Jo	b#: M2000118
PROJEC	FIDENTIFI	CATION				
Task #	999	State:	Colorado		Abbreviation:	None
Date	2/8/2019	County:	Huerfano		Filename:	M118-999
	JPL					

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade to 3H:1V Slope	DOZER	2	60.64	\$19,915.00
002	Replace Overburden	SCRAPER1	1	37.73	\$31,300.00
003	Replace 4" of top soil on 35 acres	SCRAPER1	1	14.49	\$11,932.00
004	Ripping 15 acres	RIPPER	2	11.88	\$3,978.00
005	Revegetation of 35 acres	REVEGE	1	40.00	\$56,030.00
006	Mobilization/Demobilization	MOBILIZE	1	3.71	\$6,827.00
		<u>SUBTOTALS:</u>		168.45	\$129,982

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$2,625.64
Performance bond:	1.05	Total =	\$1,364.81
Job superintendent:	84.22	Total =	\$6,152.27
Profit:	10.00	Total =	\$12,998.20
		TOTAL O & P =	\$23,140.92
		CONTRACT AMOUNT (direct + O & P) = $\frac{1}{2}$	\$153,122.92

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	500.00 4.25 5.00	Total = Total =	500.00 \$6,507.72 \$7,656.15
CONTINGENCY:	0.00	Total =	\$0.00
	TOTAL IN	DIRECT COST =	\$37,804.79
TOTAL BO	\$167,786.79		

Cost Summary Worksheet Cont'd

Task # 999

Page 2 of 11

SCRAPER TEAM WORK

Site: Pino Pit		Perm	nit Action:	2019 Inspect	on	Permit/Job#: <u>M2</u>	2000118
PROJECT IDENT	IFICATION						
Task #: 002	S	tate:	Colorado		Abbre	viation: None	
Date: 2/8/20	19 Cou	inty:	Huerfano		Fi	lename: M118-	002
User: JPL							
Agency or o	rganization name:	DRM	1S				
HOURLY EQUIP	<u>MENT</u>			COSTS	Shift basis: <u>1 per</u>	<u>day</u>	
				nt Description			
		craper: Dozer:	Cat 637	<u>G</u> R DS XR Series	11		
Suppor	t Equipment -Load		NA	T DS AR Series	11		
2	-Dump		NA				
Road Main	ntenance – Motor C		NA				
	-Water	Truck:	NA				
Cost Breakdown:	Scraper Worl	k Team		Support Equ	inment	Maintenan	e Equipment
<u>Cost Di cardown</u> .	Scraper	Doz	zer	Load Area	Dump Area	Motor Grader	Water True
%Utilization-machine:	100		25	NA	NA	NA	Ν
Ownership cost/hour:	\$155.61		\$61.41	NA	NA	NA	1
Operating cost/hour:	\$166.86		\$13.55	NA	NA	NA	Ν
%Utilization-ripper:	NA		0	NA	NA	NA	Ν
Ripper own. cost/hour:	NA		\$6.02	NA	NA	NA	Ν
Ripper op. cost/hour:	NA		\$0.00	NA	NA	NA	Ν
Operator cost/hour:	\$31.05		\$41.52	NA	NA	NA	Ν
Unit Subtotals:	\$353.51	\$	122.51	NA	NA	NA	Ν
Number of Units:	2		1	0	0	0	
Group Subtotals:	Work:	\$829	9.53	Support:	\$0.00	Maint:	\$0.00
Total work team cost/	hour: \$829.53						
MATERIAL QUA	<u>NTITIES</u>						
Initial volume:	38,750		CCY	Swell fac	tor: <u>1.250</u>		
Loose volume:	48,438		LCY				
Sour	ce of estimated vol	lume:	Exhibit L				
Source of	f estimated swell fa	actor:	Cat Hand	lbook			
	CTION						
HOURLY PRODU	CHON						
				<u>Scraper H</u>	Bowl (volume) B	<u>asis:</u>	
Material weight:	2,650 lbs/LCY				Volume: 24.00		.CY
Material description:	Decomposed roc	k - 25%	Rock,	Heaped	Volume: 34.00) I	.CY
	75% Earth						
Rated Payload:	81,600 pounds			Average	Volume: 29.00) I	.CY

Cycle Time:

Scraper Loading Time:	<u>0.80</u> Minutes
Maneuver and Spread Time:	<u>0.60</u> Minutes

Job Condition Correction:

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:

Road Condition: <u>Rutted dirt, little maintenance, no water, 2" tire penetration 5.0</u>

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	2.00	5.00	7.00	1362	0.51

Haul Time: 0.51 minutes

Site Altitude: 6200 feet

Return Ro	oute:					
Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	-2.00	5.00	3.00	2949	0.34
				Return Time	: 0.34	minutes

Total Scraper team cycle time: Adjusted for job conditions:	2.25 641.87	minutes LCY/Hour
Selected Number of Scrapers:	2	Scraper(s)
Adjusted single scraper team (unit) hourly production:	1,283.73	LCY/Hour
Adjusted multiple scraper team (fleet) hourly production:	1,283.73	LCY/Hour

Unadjusted unit production/hour: 773.33 LCY/Hour Optimal Number of Scrapers per push dozer: _____

Fleet size:	1	Team(s)	Total job time:	37.73	Hours
Unit cost:	\$0.646	/LCY	Total job cost:	\$31,300	

Cost Summary Worksheet Cont'd

Task # 999

Page 4 of 11

SCRAPER TEAM WORK

Site: Pino Pit		Permit Action:	2019 Inspecti	on I	Permit/Job#: <u>M</u>	2000118
PROJECT IDENT	IFICATION					
Task #: 003	S	State: Colorado		Abbrev	viation: None	
Date: 2/8/20	19 Cor	unty: Huerfano		Fil	ename: None	
User: JPL						
Agency or o	rganization name:	DRMS				
HOURLY EQUIP	MENT_		COSTS	Shift basis: <u>1 per</u>	<u>day</u>	
			ent Description			
		-Dozer: Cat 637	G R DS XR Series	II		
Suppor	t Equipment -Loa	d Area: NA				
D1)(p Area: NA				
Road Mar	ntenance –Motor (-Water					
<u>Cost Breakdown</u> :	Scraper Woi Scraper	rk Team Dozer	Support Equ Load Area	ipment Dump Area	Maintenan Motor Grader	ce Equipment Water Tru
%Utilization-machine:	100	25	NA	NA	NA	N
Ownership cost/hour:	\$155.61	\$61.41	NA	NA	NA	Ν
Operating cost/hour:	\$166.86	\$13.55	NA	NA	NA	N
%Utilization-ripper:	NA	NA	NA	NA	NA	N
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	N
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	N
Operator cost/hour:	\$31.05	\$41.52	NA	NA	NA	Ν
Unit Subtotals:	\$353.51	\$116.49	NA	NA	NA	Ν
Number of Units:	2	1	0	0	0	
Group Subtotals:	Work:	\$823.51	Support:	\$0.00	Maint:	\$0.00
Total work team cost/	hour: <u>\$823.51</u>					
MATERIAL QUA	NTITIES					
Initial volume:	18,600	CCY	Swell fact	tor: <u>1.000</u>		
Loose volume:	18,600	LCY				
	ce of estimated vo f estimated swell f		L and DRMS Ca dbook	lculation		
HOURLY PRODU	CTION					
			Scraper E	Bowl (volume) Ba	asis:	
Material weight:	2,650 lbs/LCY		Struck	Volume: 24.00) I	LCY
Material description:	Decomposed roc 75% Earth	ck - 25% Rock,	Heaped Volume: 34.00 LCY			
					T	CIV
Rated Payload: Payload Capacity:	81,600 pounds 30.79 LCY		Average Adjusted (LCY LCY

CIRCES Cost Estimating Software

Cycle Time:

Scraper Loading Time:	<u>0.80</u> Minutes
Maneuver and Spread Time:	<u>0.60</u> Minutes

Job Condition Correction:

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	2.00	5.00	7.00	1362	0.51

Haul Time: 0.51 minutes

Site Altitude: 6200 feet

Return Route:						
Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	-2.00	5.00	3.00	2949	0.34

Return Time: 0.34 minutes

Total Scraper team cycle time: Adjusted for job conditions: Selected Number of Scrapers: Adjusted single scraper team (unit) hourly production:	2.25 641.87 2 1,283.73 1,283.73	 minutes LCY/Hour Scraper(s) LCY/Hour
Adjusted multiple scraper team (fleet) hourly production:	1,283.73	LCY/Hour

Unadjusted unit production/hour: 773.33 LCY/Hour Optimal Number of Scrapers per push dozer:

Fleet size:	1	Team(s)	Total job time:	14.49	Hours
Unit cost:	\$0.641	/LCY	Total job cost:	\$11,932	

Page 6 of 11

BULLDOZER RIPPING WORK

Site:	Pino Pit		Permit Action	: _2019 Inspe	ction	Permit/Job#:	M20001	18
PF	ROJECT IDE	ENTIFICATION						
	Task #:00	4 \$ 8/2019 Co	State: <u>Colorado</u> unty: <u>Huerfano</u>				one 1118-004	
	Agency	or organization name	DRMS					
H	OURLY EQU	JIPMENT COST						
	Basic	Machine: Cat D7R	DS XR Series II		Horsepower:	240)	
	Ripper At	tachment: <u>3-Shank</u>	Ripper		Shift Basis:	1 per o		
_					Data Source:	(CRO	(t	
<u>Co</u>	ost Breakdown:				Utilization %			
		Ownership Cost/Ho	ur:	\$61.41	NA			
		Operating Cost/Ho		\$54.22	100			
		er Ownership Cost/Ho			NA	_		
	Ripp	er Operating Cost/Ho			100	_		
		Operator Cost/Ho Total Unit Cost/Ho		\$41.52 \$167.28	NA	_		
		Total Fleet Cost/Ho	ur: \$33	4.57	-			
M	ATERIAL Q	UANTITIES 199	Sele	ected estimatin	g method: Are	ea		
Al	lternate Method	<u>s:</u>						
smic:	NA		Bank Volume	NA	BCY		NA	
Area:	15.00	acres	Rip Depth (ft):	1.50	Volume:	36,300		BCY or C
		Source of estimated	quantity: <u>Exhib</u>	it L				
H	OURLY PRO	DUCTION						
Se	eismic:							
		Seismi	c Velocity:	NA	feet/se	cond		
Ar	rea:							
		Average Ripp		2.45	mph			
		Average Ripp		6.50	degree	S		
		Average Rippi		600.00	feet			
		Average Do		88.00	feet			
		Average Mane Production pe		0.25	feet			
		•	r unit area:	0.760	acres/h	lour		
<u>101</u>		rrection Factors		0				
	Una	adjusted Hourly Unit I	Production:	0.760	Acres	hr		
			e Altitude:	6,200	feet			
			titude Adj:	1.00	(CAT)	/		
			Efficiency:	0.83	(1 shif	• /		
		Net	Correction:	0.83	multip	lier		
		Adjusted Hourly	Unit Production:	0.63	Acres/hr			
			Fleet Production:	1.26	Acres/hr			

Fleet size:	2	Grader(s)	Total job time:	11.89	Hours
Unit cost:	\$265.183	Per acre	Total job cost:	\$3,978	

REVEGETATION WORK

Т	Task descrip	otion:	Revegetation of	35 acres			
Site:	Pino Pit		Pe	rmit Action:	2019 Inspection	Permit/Jol	o#: M2000118
<u>PI</u>	ROJECT Task #:	IDENTIFIC	CATION State:	Colorado		Abbreviation:	None
	Date: User:	2/8/2019 JPL	County:	Huerfano		Filename:	M118-005
	Age	ency or organiz	zation name: DF	RMS			

FERTILIZING

Materials Units / Cost / Unit Cost /Acre Description Unit Acre Ammonium nitrate, 33-0-0 121.00 \$0.34 \$41.14 pound \$38.28 Triple superphosphate, 0-46-0 87.00 pound \$0.44 **Total Fertilizer** Materials Cost/Acre \$79.42

Application

Description		Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)		\$34.72
	Total Fertilizer Application Cost/Acre	\$34.72

TILLING

	Cost /Acre
	\$106.29
	\$193.60
Total Tilling Cost/Acre	\$299.89
	Total Tilling Cost/Acre

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	5.50	16.41	\$57.75
Little Bluestem - Native	3.00	17.91	\$48.39
Sideoats Grama - Vaughn	4.50	14.77	\$46.08
Yellow Sweet Clover - Madrid	3.50	20.89	\$10.12
Western Wheatgrass - Native	8.00	20.20	\$57.36
Totals Seed Mix	24.50	90.19	\$219.70

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$232.00
	Total Seed Application Cost/Acre	\$232.00

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
	Total Mulch Application Cost/Acre	\$68.78

NURSERY STOCK PLANTING

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

	No. of Acres:	35		Cost /Acre:	\$1,510.51
Estimate	ed Failure Rate:	20%	(Cost /Acre*:	\$451.70
*Selected Replanti	ng Work Items:	SEEDING			
Initial Job Cost:	\$52,867.85				
Reseeding Job Cost:	\$3,161.90		_		
Total Job Cost:	\$56,030				
Job Hours:	40.00		_		

Task # 999

Page 10 of 11

EQUIPMENT MOBILIZATION/DEMOBILIZATION

PROJECT IDENTIFICATION Task #: 006 State: Colorado Abbreviation: None Date: 2/8/2019 County: Huerfano Filename: M118-006 User: JPL Agency or organization name: DRMS DRMS COUIPMENT TRANSPORT RIG COST Shift basis: 1 per day Cost Data Source: CRG Data Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED 400 HP (2ND HALF, 2006) GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT Xost Breakdown: Mailable Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$16.63 \$18.37 \$22.33 Operating Cost/Hour: \$27.66 \$27.66 \$27.66 Helper Cost/Hour: \$88.67 \$117.55 \$125.45	Task descrip	otion: <u>Mo</u>	bilization/Demob	oilization				
Task #:006State:ColoradoAbbreviation:NoneDate: $\frac{2/8/2019}{1/2}$ County:HuerfanoFilename:M118-006User:JPLAgency or organization name:DRMSAgency or organization name:DRMSCoulPMENT TRANSPORT RIG COSTShift basis:1 per day Cost Data Source:CRG DataTruck Tractor Description:GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED 400 HP (2ND HALF, 2006)Truck Trailer Description:GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)None Sost Breakdown:Available Rig Capacities0-25 Tons 26-50 TonsOperating Cost/Hour:\$12.66\$27.66 </th <th>: Pino Pit</th> <th></th> <th>Permit</th> <th>Action: _2019</th> <th>Inspection</th> <th><u>n</u></th> <th>Permit/Job#: <u>N</u></th> <th>A2000118</th>	: Pino Pit		Permit	Action: _2019	Inspection	<u>n</u>	Permit/Job#: <u>N</u>	A2000118
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	PROJECT	IDENTIFICATI	<u>ION</u>					
User: PL Agency or organization name: DRMSCOUIPMENT TRANSPORT RIG COSTShift basis: 1 per day Cost Data Source: $CRG Data$ Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED 400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)Cost Breakdown:Available Rig Capacities0-25 Tons26-50 Tons51+ Tons S22.33 Operating Cost/Hour:\$16.63\$18.37\$22.33 S20.70Operating Cost/Hour:\$16.63\$18.37\$22.33 S22.39Ownership Cost/Hour:\$16.63\$18.37\$22.33 S22.39Operating Cost/Hour:\$16.63\$18.37\$22.33 S000Operating Cost/Hour:\$16.63\$18.37\$22.33 S00.00Operating Cost/Hour:\$16.63\$18.37\$22.33 S00.00Operating Cost/Hour:\$27.66\$27.66BERERIC Cost/Hour:\$23.9\$22.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45ON ROADABLE EQUIPMENT:MachineWeight/ Unit Cost/hr/ unit Cost/hr/ unit Cost/hr/ lieetCost/hr/ Return Trip Cost/hr/ fleetDOT Perm Cost/hr/ fleetCat D7R DS XR\$5.93\$67.43\$117.552\$369.96\$235.10\$500.00StolowStolibradcast Castofg\$15.54\$88	Task #:	006	State: Co	olorado		Abbre	viation: None	e
Source is the set of the s			County: Hu	ıerfano		Fi	lename: M11	8-006
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Age	ency or organization	n name: DRMS					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	EQUIPME	NT TRANSPOR	<u>T RIG COST</u>					
Truck Tractor Description:GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED 400 HP (2ND HALF, 2006)Truck Trailer Description:GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)Cost Breakdown:Available Rig Capacities0-25 Tons26-50 Tons51+ TonsOwnership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$27.66\$27.66\$27.66Belger Cost/Hour:\$0.00\$25.39\$25.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet Return Trip Cost/hr/ fleetDOT Perm Cost/hr/ fleetMachine Cat D7R DS XR Series IIWeight/ SizeOwner ship Cost/hr/ fleetSizeSizeSizeSizeCat 637G Cat 637G\$7.28\$155.61\$125.452\$369.96\$235.10\$500.00Series II Cat 637G\$7.28\$155.61\$125.452\$26.212\$250.90\$500.00Drill/Broadcast Seeder with\$15.54\$88.672\$208.42\$17.34\$500.00								
400 HP (2ND HALF, 2006)GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)Cost Breakdown:Available Rig Capacities0-25 Tons26-50 Tons51+ TonsOwnership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39\$25.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet Size Cost/hr/ fleetReturn Trip Cost/hr/ Cost/hr/ fleetDOT Perm Cost/hr/ fleetCat D7R DS XR Series II35.93\$67.43\$117.552\$369.96\$235.10\$500.00Cat d37G Cotf of Strue57.28\$155.61\$125.452\$562.12\$250.90\$500.00Drill/Broadcast Seeder with25.00\$15.54\$88.672\$208.42\$177.34\$500.00					(Cost Data Sour	rce: CRG D	ata
Truck Trailer Description:GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)Cost Breakdown:Available Rig Capacities0-25 Tons26-50 Tons51+ TonsOwnership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39\$25.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ fleetDOT Perm Cost/hr/ fleetCat D7R DS XR Series II 35.93 \$67.43\$117.552\$369.96\$235.10\$500.00Cat 637G Cat 637G57.28\$155.61\$125.452\$562.12\$250.90\$500.00Drill/Broadcast Seeder with2.00\$15.54\$88.672\$208.42\$17.34\$500.00	,	Truck Tractor Desc	ription: GENE	RIC ON-HIGH				L POWERED,
TRAILER (25T, 50T, AND 100T) Cost Breakdown: Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$16.63 \$18.37 \$22.33 Operating Cost/Hour: \$27.66 \$27.66 \$27.66 \$27.66 Melper Cost/Hour: \$0.00 \$25.39 \$25.39 Total Unit Cost/Hour: \$88.67 \$117.55 \$125.45 Mon ROADABLE EQUIPMENT: Machine Weight/ Unit (TONS) Owner ship Cost/hr/ unit Haul Rig Cost/hr/unit Fleet Size Haul Trip Cost/hr/ fleet DOT Perm Cost/hr/ fleet DOT Perm Cost/fleet Cat D7R DS XR 35.93 \$67.43 \$117.55 2 \$369.96 \$235.10 \$500.00 Series II Cat 637G 57.28 \$155.61 \$125.45 2 \$262.12 \$250.90 \$500.00 Drill/Broadcast 25.00 \$15.54 \$88.67 2 \$208.42 \$177.34 \$500.00								
Machine Description Weight/ Unit Owner ship Cost/hr/ unit State Size Fleet Haul Trip Cost/hr/ Cost/hr/ fleet DOT Perm Cost/fleet Machine Description Weight/ Unit Owner ship Cost/hr/ unit State Size		Truck Trailer Desc	ription: G					JIPMENT
Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$16.63 \$18.37 \$22.33 Operating Cost/Hour: \$44.38 \$46.13 \$50.07 Operator Cost/Hour: \$27.66 \$27.66 \$27.66 Helper Cost/Hour: \$0.00 \$25.39 \$25.39 Total Unit Cost/Hour: \$88.67 \$117.55 \$125.45 NON ROADABLE EQUIPMENT: Haul Rig Cost/hr/ unit Fleet Cost/hr/ unit Haul Trip Cost/hr/ lifet Return Trip Cost/hr/ fleet DOT Perm Cost/hr/ fleet Machine Weight/ Unit (TONS) Owner ship Cost/hr/ unit Haul Rig Cost/hr/ unit Fleet Size Haul Trip Cost/hr/ Return Trip Cost/hr/ fleet DOT Perm Cost/hr/ fleet Cat D7R DS XR Series II \$5.93 \$67.43 \$117.55 2 \$369.96 \$235.10 \$500.00 Cat 637G \$7.28 \$155.61 \$125.45 2 \$562.12 \$250.90 \$500.00 Drill/Broadcast 25.00 \$15.54 \$88.67 2 \$208.42 \$177.34 \$500.00					KAILEK	(251, 501, AP	ND 1001)	
Ownership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39Total Unit Cost/Hour:\$88.67\$117.55State Cost/Hour:\$88.67\$117.55NON ROADABLE EQUIPMENT:MachineWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ fleetDOT Perm Cost/hr/ fleetCat D7R DS XR Series II\$5.93\$67.43\$117.552\$369.96\$235.10\$500.00Cat 637G57.28\$155.61\$125.452\$562.12\$250.90\$500.00Drill/Broadcast Seeder with25.00\$15.54\$88.672\$208.42\$177.34\$500.00	Cost Breakdo	wn:						
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NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ fleetReturn Trip Cost/hr/ fleetDOT Perm Cost/fleetCat D7R DS XR Series II35.93\$67.43\$117.552\$369.96\$235.10\$500.00Cat 637G57.28\$155.61\$125.452\$562.12\$250.90\$500.00Drill/Broadcast Seeder with25.00\$15.54\$88.672\$208.42\$177.34\$500.00	Н	lelper Cost/Hour:	\$0.00	\$25.39	\$2	25.39		
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Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ fleetReturn Trip Cost/hr/ fleetDOT Perm Cost/fleetCat D7R DS XR Series II35.93\$67.43\$117.552\$369.96\$235.10\$500.00Cat 637G57.28\$155.61\$125.452\$562.12\$250.90\$500.00Drill/Broadcast Seeder with25.00\$15.54\$88.672\$208.42\$177.34\$500.00								
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Series II Cat 637G 57.28 \$155.61 \$125.45 2 \$562.12 \$250.90 \$500.00 Drill/Broadcast Seeder with 25.00 \$15.54 \$88.67 2 \$208.42 \$177.34 \$500.00	Cat D7R DS		\$67.43	\$117.55	2		\$235.10	\$500.00
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Drill/Broadcast Seeder with 25.00 \$15.54 \$88.67 2 \$208.42 \$177.34 \$500.00		57.28	\$155.61	\$125.45	2	\$562.12	\$250.90	\$500.00
	Seeder with	ast 25.00	\$15.54	\$88.67		\$208.42	\$177.34	\$500.00
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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:	WALSENBURG 15.00	miles
Average Travel Speed:	35.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$6,827.15	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

Haul Time (Hours):	Non- Roadable Equipment 0.43	Roadable Equipment 0.43
Return Time (Hours):	0.43	0.43
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.86	0.86

JOB TIME AND COST

Total job time: **3.71** Hours

Total job cost: ______\$6,827_____