

1313 Sherman St. Room 215 Denver, CO 80203

October 27, 2020

Mr. Craig Howell Nuvemco, LLC P.O. Box 297 Naturita, CO 81422

#### Re: October Ore Pile Reclamation, Permit No. M-2008-050, Financial Warranty Increase, Revision No. SI-1

Dear Mr. Howell:

On October 27, 2020 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$18,212.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$4,992.00. See the attached calculation.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter, Monday December 26, 2020.

If you have any questions, please contact me.

Sincerely,

Amy Geldell

Amy C. Yeldell Environmental Protection Specialist

M-FW-14



## COST SUMMARY WORK

Task description:		2020 Calc Upda	te				
Site:	October ( Reclamat		Pe	rmit Action:	2020-10	Permit/Job	#: <u>M2008050</u>
<u>P</u> ]	ROJECT	DENTIFIC	CATION				
	Task #: Date: User:	ACY 10/27/2020 ACY	State: County:	Colorado Mesa		Abbreviation: Filename:	None M050-ACY
	Age	ncy or organi	zation name: DF	RMS			

### TASK LIST (DIRECT COSTS)

Task		Form	Fleet	Task	
Task	Description	Used	Size	Hours	Cost
01a	Remove Silt Fence	DEMOLISH	1	3.00	\$481
02a	Rip disturbed area	RIPPER	] 1	0.85	\$175
03a	Push slavaged topsoil	DOZER	1	0.41	\$79
04a	Transport Alternative Soils	TRUCK1	1	7.89	\$3,927
04b	Push imported topsoil	DOZER	1	3.10	\$594
05a	Reveg 0.46 ac	REVEGE	1	8.00	\$553
06a	Initial Mobilization	MOBILIZE	1	8.00	\$7,247
07a	Secondary Mobilization	MOBILIZE	1	8.00	\$1,282
		<u>SUBTO</u>	TALS:	39.25	\$14,338

# **INDIRECT COSTS**

### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$290
Performance bond:	1.05	Total =	\$151
Job superintendent:	0.00	Total =	\$0
Profit:	10.00	Total =	\$1,434
		TOTAL O & P =	\$1,874
		CONTRACT AMOUNT (direct + $O \& P$ ) =	\$16,212

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 4.25 5.00	Total = Total =	\$500 \$689 \$811
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	NDIRECT COST =	\$3,874
TOTAL BO	\$18,212		

# DEMOLITION WORK

Task description: October Ore Pile Site: Reclamation		move Silt Fence				
		Permit Action: 2020-	-10	Permit/Job#: <u>M2008050</u>		M2008050
PROJECT IDENTI	FICATION					
Task #: 01A		State: Colorado		Abbreviat	ion: None	
Date: 10/27/2020	) (	County: Mesa		Filena	me: M050	)-01a
User: ACY		-				
Agency	or organization r	name: DRMS				
	or organization r	name: DRMS		Location	adjustment	<u>: 90.70 %</u>
	or organization r	name: DRMS Demolition Menu Selection	Quantity	Location Unit	adjustment: Unit Cost	<u>: 90.70 %</u> Total Cost
<u>UNIT COSTS</u> Structure or Item		Demolition Menu	Quantity 120.00		Unit	

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	3.00	(unadjusted):	\$530.55	location):	\$481.21

# BULLDOZER RIPPING WORK

	Task description:	Rip distu	rbed area						
Site	October Ore Pile : Reclamation		Permit Action	:: 2020-10	Perm	it/Job#: <u>M20</u>	008050		
	PROJECT IDENTIE	<b>TICATION</b>							
	Task #: 02A		State: Colorad	0	Abbrevi	ation: None	;		
	Date: $10/27/202$	0 C	ounty: Mesa		File	name: M050	)-02a		
	User: ACY								
	Agency or orga	anization name	: DRMS						
	HOURLY EQUIPM	ENT COST							
	Basic Machin		DS Series II LGF	<b>)</b>	Horsepower:	240			
	Ripper Attachmer	nt: <u>3-Shank</u>	Ripper		Shift Basis: Data Source:	1 per day (CRG)			
	Coast Davids la docume					(CKO)			
	Cost Breakdown:				Utilization %				
		ership Cost/He		\$76.61	NA				
		rating Cost/He ership Cost/He		\$74.78 \$7.60	100 NA				
		rating Cost/Ho		\$7.80	<u> </u>				
		erator Cost/H		\$40.04	NA				
	Tota	l Unit Cost/He	our:	\$204.34					
	Tota	l Fleet Cost/H	our: \$2	204.34					
	MATERIAL QUAN	FITIES	S	elected estimating	method: Area				
	Alternate Methods:		5	elected estimating					
Seismic:	NA		Bank Volume:	NA	BCY	NA			
Area:	0.44	cres	Rip Depth (ft):		Volume: 742		BCY or CCY		
	Sourc	e of estimated	quantity: Prev	iously accepted va	lue				
	HOURLY PRODUC			<u></u>					
		TION							
	<u>Seismic:</u>	Seism	ic Velocity:	NA	feet/second				
	A	belsh							
	<u>Area:</u>	Average Rip	ping Depth:	1.00	feet/pass				
		Average Rip	ping Width:	6.50	feet/pass				
		Average Ripp		100.00	feet/pass				
		Average L Average Man	ozer Speed: euver Time:	<u>88.00</u> 0.25	feet/minute minutes/pas				
		Production p		0.646	acres/hour				
	Job Condition Correction Factors								
		d Hourly Unit	Production:	0.646	Acres/hr				
		•	ite Altitude:	6,800	feet				
			Altitude Adj:	1.00	(CAT HB)				
			Efficiency:	0.83	(1 shift/day	)			
		Net	Correction:	0.83	multiplier				
			ly Unit Production		Acres/hr				
		•	y Fleet Production	n: <b>0.54</b>	Acres/hr				
	JOB TIME AND CO	<u>ost</u>							
	Fleet size:	1 Gra	ader(s)	Total job time	e: 0.80	<u>í</u>	Hours		
	Unit cost: \$38	1.220 Per	acre	Total job cos	it: <b>\$17</b>	5			

## BULLDOZER WORK

Task description:	Push s	lavaged to	psoil			
October Ore Pile Reclamation		Peri	mit Action:	2020-10	Permit/Job#:	M2008050
PROJECT IDENT	TIFICATIO	<u>N</u>				
Task #: 03A		State:	Colorado		Abbreviation:	None
Date: 10/27/2 User: ACY	020	County:	Mesa		Filename:	M050-03a
Agency or o	rganization n	ame: DR	RMS			
HOURLY EQUIP	MENT COS	<u>ST</u>				
Basic Machine:	Cat D7R DS	Series II L	GP			
Horsepower:	240					
	Straight					
	NA					
	1 per day (CRG)					
	(UNU)					
Cost Breakdown:			I	Litilization 0/		
Ownership Cost/Hou	ır.		\$76.61	<u>Utilization %</u> NA		
Operating Cost/Hot			\$74.78	100		
Ripper own. Cost/Hou			\$0.00	NA		
Ripper op. Cost/Hou			\$0.00	0		
Operator Cost/Hou	ur:		\$40.04	NA		
	<u>NTITIES</u> 00 .000					
	.00 LCY					
Source of estimated ve Source of estimated sy	-	6" over 0 Cat Hand	.11 ac-previo book	bus value		
HOURLY PRODU	JCTION					
Average push distance	e: 1	00 feet				
Unadjusted hourly pro		496.4 LCY/	ĥr			
Materials consistency	description:	Loose s	stockpile 1.2			
Average push gradien	t: 5 %					
Average site altitude:	6,800 fe	eet				
Material weight:	2,550 11	os/LCY				
Weight description:	Earth -	Dry packed	1			
Job Condition Correct	tion Factor			Source		
	tor Skill:		750	(AVG.)		
Material con			200	(CAT HE		
Dozing	method:	1.	000	(GEN.)	,	

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	241.60 LCY/hr
Adjusted fleet production:	<b>241.6</b> LCY/hr

## JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.792/LCY

Total job time:	<b>0.41</b> Hours
Total job cost:	<b>\$79</b>

### Page 1 of 3

# TRUCK/LOADER TEAM WORK

October Ore Pil Site: <u>Reclamation</u> <u>PROJECT IDEN</u> Task #: <u>04A</u> Date: <u>10/27</u> User: <u>ACY</u> Agency of	NTIFICATION	Permit Actio	2020-10	]	Permit/Job#:M	2008050
Task #:04ADate:10/27User:ACY		<u>I</u>				
Date: 10/27 User: ACY	1/2020					
User: ACY	1/2020	State: Colora	ado	Ab	breviation: No	one
		County: Mesa			Filename: M	050-04a
Agency of						
	r organization nar	ne: DRMS				
HOURLY EQU	IPMENT COS	Г		Shift bas	is: <u>1 per day</u>	
<u>HOURLI LQU</u>			Equipment Descri		15. <u>1 por duy</u>	
,	Truck Loader Tea		eric 12-18 cy, 6x			
		-Loader: CA	Т 938Н			
Supp	port Equipment -L	Load Area: NA ump Area: NA				
Road N	Iaintenance – Mot	1				
		ter Truck: NA				
	<b>T</b> 1.7	1 (7)	<b>C</b>			
<u>Cost Breakdown</u> :	Truck/Loa	ader Team Loader	Load Area	Equipment Dump Area	Maintenai Motor Grader	Neter Truck
				-		
6Utilization-machine:	100	100	NA	NA	NA	NA
Ownership cost/hour:	\$24.61	\$27.00	NA	NA	NA	NA
Operating cost/hour: %Utilization-riper:	\$50.89 NA	\$33.65	NA NA	NA NA	NA NA	NA NA
Sipper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$24.82	\$35.97	NA	NA	NA	NA
Unit Subtotals:	\$100.33	\$96.61	NA	NA	NA	NA
Number of Units:	4	1	0	0	0	(
Group Subtotals:	Work:	\$497.93	Support:	\$0.00	Maint:	\$0.00
Total work team co	ost/hour: <b>\$497.9</b> 3	5				
	<u>+</u>					
MATERIAL QU	J <b>ANTITIES</b>					
Initial volume	e: 750	CCY	Swell	factor: 1.000		
Loose volume	e: 750	LCY				
So	ource of estimated	volume: 1' pv	ver 0.46 ac			
Source	e of estimated swe		Handbook			
	Material Purch	ase Cost: \$0.00 otal Cost: \$0.00				
	10	Jui Cosi. <u><u><u></u></u> <del>0</del>.00</u>	,			
HOURLY PRO	<b>DUCTION</b>					
Truck Capacity:	<u> </u>					
Truck Payload (we	ight) Basis:					
Material	weight: 2,550		Pounds/LCY			
Desc Rated Pa		Dry packed	Pounds			

Truck/Loader Worksheet Con	t'd	Task # 04A			Page 2 of 3	
Payload Capacity:	19.73	LCY				
Truck Bed (volume) Basis:						
Struck Volume:		LCY				
Heaped Volume:		LCY				
Average Volume:		LCY				
Adjusted Volume:	18.00	LCY				
	Fruck Volume	Based on Number of	Loader Passes:	17.16	LCY	
Loading Tool Capacity						
			Buc	ket Size Class: N	A	_
Rated Capacity:	3.900	LCY (heaped)				
Bucket Fill Factor:	1.100	Other - rock/dirt	mixtures (100	)-120%) 1.100		-
Adjusted Capacity:	4.290	LCY				-
Job Condition Corrections:		Site	e Altitude (ft.):	<u>6800</u> feet		
	Truck	Loader	Source			
Altitude Adj:	1.000	1.000	(CAT HI			
Job Efficiency:	0.830	0.830	(CAT HI	3)		
Net Correction:	0.830	0.830				
Loading Tool Cycle Time:	Number	of Loading Tool Pass	ses Required to	Fill Truck:	p	asses
Excavators and Front Shovels	s:					
Machine Cycle Time vs		n Rating: NA				
Selected Value w						
Track Loaders – I	Material Descr	iption:				
Cycle Time Elements (min.):						
Load: NA	M	laneuver: NA		Dump: 0.100	)	
Wheel and Track Loaders -	Unadjusted Ba	sic Loader Cycle Tim	e (load, dump,	maneuver): 0	.483 minu	ites
Cycle Time Factors				Factor (min.)	Source	_
Material:	Mixed materi			0.020	(Cat HB)	_
Stockpile:	Dumped by the			0.020	(Cat HB)	_
Truck Ownership:		nt - factor not applicab	le 0.00	0.000	(Cat HB)	_
Operation:		operation 0.04		0.040	(Cat HB)	_
Dump Target:	Nominal targ			0.000	(Cat HB)	_
		Net Cycle Time	5	0.080	minutes	
		Adjusted Loader	-	0.563	minutes	
		Net Load 11	me per Truck:	1.788	minutes	
<u>Truck Cycle Time:</u>						
Truck Exchange Time:	0.50	Minutes	Adjusted	for site altitude:	0.500	Minute
Truck Load Time:	-	Minutes	•	for site altitude:	1.788	Minute
ck Maneuver and Dump Time:	0.90	Minutes	Adjusted	for site altitude:	0.900	Minute
Truck Travel (Haul & Return) penetration 4.0	) Time:	Road Condition: <u>R</u>	utted dirt, little	maintenance, no wa	ter, 1" tire	

Seg #	ute:	Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
50g #	(Ft)	Jistanee	Grade (70)	(%)	(%)	(fpm)	Time (min)	
1	36960	.00	2.00	4.00	6.00	1855	20.004	
					Haul Time:	20.004	minutes	
Return R				1				
Seg #		Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
	(Ft)			(%)	(%)	(fpm)	Time (min)	
1	36960	.00	-2.00	4.00	2.00	2905	12.758	
					Return Time:	12.758	minutes	
				Total Tru	ck Cycle Time:	35.950	minutes	
Loading To	ol unit							
Prod	luction	450.10	LCY/Hour		Adjusted for j	ob efficiency:	373.58	LCY/Hour
ck Unit Prod	luction –	28.64	LCY/Hour		Adjusted for j	ob efficiency:	23.77	LCY/Hour
mal No. of T	Trucks:	16	Truck(s)		Selected Num	ber of Trucks:	4	Truck(s)
					k team production			
					er team production			
			Adjusted multip	le truck/loade	er team production	on: 95.	09 LCY/	Hour
JOB TI	IME AN	D COST						
Fleet	t size:	1	Team(s)	<b>-</b>	Total job time:	7.89	Ноц	ırs

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## BULLDOZER WORK

October Ore Pile		Per	mit Action:			
Reclamation				2020-10	Permit/Job#:	M2008050
PROJECT IDEN	TIFICATI	)N				
			Colorado		Abbreviation:	None
Task #: 04B Date: 10/27/	2020	State: County:	Mesa		Filename:	None M050-04b
User: ACY	2020	county.	Wiesd		T nename.	11050 040
Agency or	organization	name: DF	RMS			
HOURLY EQUI	PMENT CO	DST				
Basic Machine:		S Series II L	GP			
Horsepower:	240					
Blade Type:	Straight					
Attachment:	NA			-		
Shift Basis:	1 per day					
Data Source:	(CRG)					
Cost Breakdown:			1			
Ownership Cost/Ho	\11 <b>r</b> •		\$76.61	<u>Utilization %</u> NA		
Ownership Cost/Ho Operating Cost/Ho			\$76.61	<u> </u>		
Ripper own. Cost/Ho			\$0.00	NA		
Ripper op. Cost/H			\$0.00	0		
Operator Cost/He			\$40.04	NA		
MATERIAL QUA						
Initial Volume:	750					
Swell factor:	1.000					
Loose volume:	750 LCY					
Source of estimated Source of estimated		1' over 0. Cat Hand	46 ac-previou book	s value		
HOURLY PROD	UCTION					
Average push distan		100 feet				
Unadjusted hourly p		496.4 LCY/	ĥr			
Materials consistenc	y description	Loose	stockpile 1.2			
Average push gradie Average site altitude		faat				
-						
Material weight:		lbs/LCY				
Weight description:	Earth	- Dry packed	1			
Job Condition Corre		0	750	Source		
Oper Material co	ator Skill:		750	(AVG.)		
n/1910191 CO	insistency:	1.	200	(CAT HB)		
	g method:	1	000	(GEN.)		

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	241.60 LCY/hr
Adjusted fleet production:	<b>241.6</b> LCY/hr

## JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.792/LCY

Total job time:	<b>3.10</b> Hours
Total job cost:	\$594

# **REVEGETATION WORK**

Ta	ask descrip	otion:	Reveg 0.4	6 ac				
Site:	October ( Reclamat			Per	rmit Action:	2020-10	Permit/Jol	o#: <u>M2008050</u>
<u>PR</u>	ROJECT	<u>IDENTIFI(</u>	CATION					
<u>PR</u>	ROJECT	<b>IDENTIFIC</b> 05A		State:	Colorado		Abbreviation:	None
<u>PR</u>				State: ounty:	Colorado Mesa		Abbreviation: Filename:	None M050-05a

# **FERTILIZING**

#### Materials

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

## Application

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

## **TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$107.16
Total Tilling Cost/Acre	\$107.16

## **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.80	13.06	\$12.78
Indian Ricegrass - Paloma	4.20	13.60	\$46.73
Crested Wheatgrass - Nordan	3.00	13.77	\$11.70
Pubescent Wheatgrass - Luna	6.00	12.40	\$20.40
Slender Wheatgrass - Pryor	4.00	14.60	\$17.00
Milk Vetch, Cicer - Lutana	0.60	2.00	\$4.92
Western Wheatgrass - Arriba	5.40	13.64	\$35.10
Needle and Thread	4.80	12.67	\$200.88
Flax, Lewis Blue	1.60	10.61	\$26.40

Saltbush, Four Wing	6.00	8.26	\$75.00
Penstemon, Palmer	0.40	8.84	\$21.80
Totals Seed Mix	36.80	123.45	\$472.71

### Application

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

#### **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$7.63	\$7.63
Total Mulch Materials Cost/Acre				\$7.63

### Application

Description		Cost /Acre
Weed spray, hand, non-aquatic area, nox. [DMG]		\$183.16
	<b>Total Mulch Application Cost/Acre</b>	\$183.16

### NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		<b>Totals</b>	Nursery Stoc	ek Cost / Acre	\$0.00
		1 otals	Nursery Stoc	ck Cost / Acre	\$0.00

#### JOB TIME AND COST

	No. of Acres:	0.46	Cost /Acre:	\$1,037.88
Estimate	ed Failure Rate:	50%	Cost /Acre*:	\$1,037.88
*Selected Replanti	ng Work Items:	TILLING,SEEDIN	G,MULCHING	
Initial Job Cost:	\$477.42			
Reseeding Job Cost:	\$238.71			
Total Job Cost:	\$716			
Job Hours:	8.00			

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Init							
October Ore I Reclamation	Pile	Permit	Action:2020	-10	]	Permit/Job#	: <u>M20</u>	08050
PROJECT IDE	NTIFICATI	<u>ON</u>						
User: AC	27/2020 2Y	County: Me	olorado esa				<u>None</u> M050-0	ба
Agency	or organization	n name: DRMS						
EQUIPMENT 1 Truck	<b>TRANSPOR</b>		RIC ON-HIGH	WAY TR	Shift ba Cost Data Sour UCK TRACTO (2ND HALF,	rce: $\overrightarrow{CR}$ DR, 6X4, DI	per day G Data IESEL F	POWERED,
	k Trailer Desc	ription: Gl	ENERIC FOLI		)SENECK, DF (25T, 50T, AN		EQUIP	MENT
Cost Breakdown:		0-25 Tons		TRAILER	,		EQUIP	MENT
Cost Breakdown: Available Rig C		·		TRAILER	(25T, 50T, AN		EQUIP	MENT
ost Breakdown: Available Rig C Ownership	apacities	0-25 Tons	26-50 Tons	TRAILER	(25T, 50T, AN + Tons		EQUIP	MENT
Cost Breakdown: Available Rig C Ownership Operating Operator	apacities cost/Hour: cost/Hour: cost/Hour:	0-25 Tons \$17.20 \$26.56 \$23.63	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63	TRAILER 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69 23.63		EQUIP	MENT
Cost Breakdown: Available Rig C Ownership Operating Operaton Helper	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53	TRAILER 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69		EQUIP	MENT
Cost Breakdown: Available Rig C Ownership Operating Operaton Helper	apacities cost/Hour: cost/Hour: cost/Hour:	0-25 Tons \$17.20 \$26.56 \$23.63	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63	TRAILER 51- \$ \$ \$ \$ \$ \$	(25T, 50T, AN + Tons 38.69 55.69 23.63		EQUIP	MENT
Cost Breakdown: Available Rig C Ownership Operating Operaton Helper	apacities c Cost/Hour: c Cost/Hour: c Cost/Hour: c Cost/Hour: t Cost/Hour:	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53	TRAILER 51- \$ \$ \$ \$ \$ \$	(25T, 50T, AN + <b>Tons</b> 38.69 55.69 23.63 23.53			
Cost Breakdown: Available Rig C Ownership Operating Operaton Helpen Total Unit	apacities c Cost/Hour: c Cost/Hour: c Cost/Hour: c Cost/Hour: t Cost/Hour:	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig	TRAILER 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69 23.63 23.53 41.54 Haul Trip	ND 100T)	ip	DOT Permit
Cost Breakdown: Available Rig C Ownership Operating Operator Helper Total Unit	apacities Cost/Hour: Cost/Ho	0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00 \$67.39 MENT:	26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni	TRAILER 51- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(25T, 50T, AN + Tons 38.69 55.69 23.63 23.53 41.54 Haul Trip Cost/hr/	<u>ND 100T)</u>	ip	
Cost Breakdown: Available Rig C Ownership Operating Operator Helper Total Unit NON ROADAB Machine Description Cat D7R DS Series II LGP	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS) 38.49	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           MENT:           Owner ship           Cost/hr/ unit           \$84.21	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig	TRAILER 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69 23.63 23.53 41.54 Haul Trip Cost/hr/ fleet \$208.02	ND 100T) Return Tr Cost/hr/ f \$123.81	rip leet	DOT Permit Cost/ fleet \$250.00
Cost Breakdown: Available Rig C Ownership Operating Operator Helper Total Unit NON ROADAB Machine Description Cat D7R DS Series II LGP CAT 938H	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: <b>LE EQUIPN</b> Weight/ Unit (TONS) 38.49 16.34	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           MENT:           Owner ship           Cost/hr/ unit           \$84.21           \$27.00	26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni t \$123.81 \$67.39	TRAILER 51 51 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69 23.63 23.53 41.54 Haul Trip Cost/hr/ fleet \$208.02 \$94.39	ND 100T) Return Tr Cost/hr/ f \$123.81 \$67.39	rip leet	DOT Permit Cost/ fleet \$250.00 \$1,000.00
Cost Breakdown: Available Rig C Ownership Operating Operator Helper Total Unit NON ROADAB Machine Description Cat D7R DS Series II LGP	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS) 38.49	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           MENT:           Owner ship           Cost/hr/ unit           \$84.21	26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni t \$123.81	TRAILER 51 51 51 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(25T, 50T, AN + Tons 38.69 55.69 23.63 23.53 41.54 Haul Trip Cost/hr/ fleet \$208.02	ND 100T) Return Tr Cost/hr/ f \$123.81	rip leet	DOT Permit Cost/ fleet \$250.00

# **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$58.44	1	\$58.44	\$58.44
Light Duty Pickup, 4x4, 3/4 T.	\$69.69	1	\$69.69	\$69.69
Generic 12-18 cy, 6x4	\$100.32	4	\$401.28	\$401.28
		Subtotals:	\$529.41	\$529.41

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance:	GRAND JUNCTION 60.00	miles
Average Travel Speed:	40.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$5,658.37	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$1,588.23	

Transportation Cycle Time:

Haul Time (Hours): Return Time (Hours): Loading Time (Hours):	Non- Roadable Equipment 1.50 1.50 0.50	Roadable Equipment 1.50 1.50 NA
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	4.00	3.00

### JOB TIME AND COST

Total job time: **8.00** Hours

Total job cost: \$7,247

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Valley Vista P							
valley vista i	Pit	Permit	Action: 2020-	-10		Permit/Job#: <u>N</u>	11981229
PROJECT IDE	NTIFICATI	<u>ON</u>					
Task #: 061	В	State: Co	olorado		Abbro	eviation: None	•
Date: 10/ User: AC	(15/2020 CY	County: M	esa		Fi	ilename: M229	9-06b
Agency	or organizatior	n name: DRMS					
QUIPMENT 1	<b>FRANSPOR</b>	<u>T RIG COST</u>					
				C	Shift ba Cost Data Sou		
Trucl	k Tractor Desc	ription: GENE	RIC ON-HIGH		ICK TRACTO (2ND HALF,	OR, 6X4, DIESE 2006)	L POWERED,
Truc	k Trailer Desc	ription: G		ING GOO	· · ·	ROP DECK EQU	IPMENT
			-		(231, 301, 11	<b>UD</b> 1001)	
1 . D 1 1							
					· 		
Available Rig C		0-25 Tons	<b>26-50 Tons</b>		Tons		
Available Rig C Ownership	Cost/Hour:	\$17.20	\$29.63	\$3	8.69		
Available Rig C Ownership Operating	cost/Hour: g Cost/Hour:	\$17.20 \$26.56	\$29.63 \$47.02	\$3 \$5	8.69 5.69		
Available Rig C Ownership Operating Operator	o Cost/Hour: g Cost/Hour: r Cost/Hour:	\$17.20 \$26.56 \$23.63	\$29.63 \$47.02 \$23.63	\$3 \$5 \$2	8.69 5.69 3.63		
Ownership Operating Operator Helper	c Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour:	\$17.20 \$26.56 \$23.63 \$0.00	\$29.63 \$47.02 \$23.63 \$23.53	\$3 \$5 \$2 \$2 \$2	8.69 5.69 3.63 3.53		
Available Rig C Ownership Operating Operator Helper	o Cost/Hour: g Cost/Hour: r Cost/Hour:	\$17.20 \$26.56 \$23.63	\$29.63 \$47.02 \$23.63	\$3 \$5 \$2 \$2 \$2	8.69 5.69 3.63		
Available Rig C Ownership Operating Operato Helper Total Uni	cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour:	\$17.20 \$26.56 \$23.63 \$0.00 \$67.39	\$29.63 \$47.02 \$23.63 \$23.53	\$3 \$5 \$2 \$2 \$2	8.69 5.69 3.63 3.53		
Available Rig C Ownership Operating Operator Helper Total Uni	Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour:	\$17.20 \$26.56 \$23.63 \$0.00 \$67.39 <b>MENT:</b>	\$29.63 \$47.02 \$23.63 \$23.53 \$123.81	\$3 \$5 \$2 \$2 \$2	8.69 5.69 3.63 3.53 41.54	Return Trip	DOT Permit
Available Rig C Ownership Operating Operator Helper Total Uni	cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour:	\$17.20 \$26.56 \$23.63 \$0.00 \$67.39	\$29.63 \$47.02 \$23.63 \$23.53	\$3 \$5 \$2 \$2 \$1 \$1	8.69 5.69 3.63 3.53	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Available Rig C Ownership Operating Operator Helper Total Uni	Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: sLE EQUIPN Weight/ Unit	\$17.20 \$26.56 \$23.63 \$0.00 \$67.39 <b>MENT:</b> Owner ship	\$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni	\$3 \$5 \$2 \$2 \$1 \$1 Fleet	8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/		
Available Rig C Ownership Operating Operator Helper Total Uni NON ROADAB Machine Description Drill/Broadcast Seeder with	Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: t Cost/Hour: ELE EQUIPM Weight/ Unit (TONS)	\$17.20 \$26.56 \$23.63 \$0.00 \$67.39 <b>//ENT:</b> Owner ship Cost/hr/ unit	\$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni t	\$3 \$5 \$2 \$2 \$1 \$1 Fleet Size	8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet

### **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 15K GVW	\$79.68	1	\$79.68	\$79.68
		Subtotals:	\$79.68	\$79.68

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	GRAND JUNCTION 5.00 35.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$1,387.51	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$22.77	_

Transportation Cycle Time:

Haul Time (Hours): Return Time (Hours): Loading Time (Hours): Unloading Time (Hours):	Non- Roadable Equipment 0.14 0.14 0.50 0.50	Roadable Equipment 0.14 0.14 NA NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.29	0.29

### JOB TIME AND COST

Total job time: 2.57 Hours

Total job cost: \$1,410

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Sec	ondary Mobilizat	tion				
October Ore I	Pile	Permit	Action:2020	-10		Permit/Job#: <u>M</u>	2008050
PROJECT IDE	NTIFICATI	ON					
Task #: 074	4	State: Co	olorado		Abbre	eviation: None	
Date: 10/ User: AC	27/2020 CY	County: Mo	esa		Fi	ilename: M050	0-07a
Agency	or organization	n name: DRMS					
EQUIPMENT 1	FRANSPOR	T RIG COST					
					Shift ba	sis: 1 per da	V
				C	Cost Data Sou		
Truck	c Tractor Desc	ription: GENE	RIC ON-HIGH			DR, 6X4, DIESEL	L POWERED,
T		:			(2ND HALF,		
Iruc	k Trailer Desc	Gription: G			SENECK, DF (25T, 50T, Al	ROP DECK EQU	IPMENI
				IKAILEK	(231, 301, Al	ND 1001)	
Cost Breakdown:							
Available Rig C	anacities	0-25 Tons	26-50 Tons	51+	Tons		
	Cost/Hour:	\$17.20	\$29.63		8.69		
	g Cost/Hour:	\$26.56	\$47.02		5.69		
	r Cost/Hour:	\$23.63	\$23.63	\$2	3.63		
	r Cost/Hour:	\$0.00	\$23.53	\$2	3.53		
Total Unit	t Cost/Hour:	\$67.39	\$123.81	\$14	41.54		
				I			
NON ROADAB	LE EQUIPN	MENT:					
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
p	(TONS)		t	5120	fleet		
Drill/Broadcast	25.00	\$6.72	\$67.39	1	\$74.11	\$67.39	\$250.00
Seeder with							
Tractor							
				Subtotals:	\$74.11	\$67.39	\$250.00
				Subiolais:	\$ <b>/4.11</b>	JU1.37	<b>φ∠</b> 30.00

# **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.	\$69.69	1	\$69.69	\$69.69
		Subtotals:	\$69.69	\$69.69

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	GRAND JUNCTION 60.00 40.00	_ miles _ mph
Total Non-Roadable Mob/Demob Cost *	\$1,072.72	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$209.07	_

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.50	1.50
Return Time (Hours):	1.50	1.50
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	4.00	3.00

### JOB TIME AND COST

Total job time: **8.00** Hours

Total job cost: \$1,282