COST SUMMARY WORK

Task description:		Cost Summary				
Site: Priola Pi	Site: Priola Pit		rmit Action:	SR02	Permit/Jo	b#: M2007087
Task #: Date:	1DENTIFIC 000 4/25/2019	CATION State: County:	Colorado Adams		Abbreviation: Filename:	None M087-000
User: Age	JLE ency or organiz	zation name:	RMS			

TASK LIST (DIRECT COSTS)

Task		Form	Fleet	Task	<i>a</i> .
Iush	Description	Used	Size	Hours	Cost
001	Slope reduction from 2H:1V to 3H:1V,	DOZER	1	0.40	\$82
002	Haul topsoil	LOADER	1	48.67	\$4,703
002a	Spread Topsoil	DOZER	1	7.93	\$1,644
003	Grade affected area	GRADER	1	6.89	\$737
004	Revegetation of the Affected Land	REVEGE	1	12.12	\$13,737
005	Mobilization and Demobilization of Equipment	MOBILIZE	1	2.30	\$2,524
		<u>SUBTO</u>	DTALS:	78.31	\$23,427

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$473
Performance bond:	1.05	Total =	\$246
Job superintendent:	39.16	Total =	\$2,860
Profit:	10.00	Total =	\$2,343
		TOTAL O & P =	\$5,922
		CONTRACT AMOUNT (direct + O & P) = $($	\$29,349

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 8.59 5.00	Total = Total =	\$500 \$2,521 \$1,467
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	DIRECT COST =	\$10,411
TOTAL BO	ND AMOUNT (di	irect + indirect) =	\$33,838

BULLDOZER WORK

Task description:	Slope	reduction	from 2H:1V	to 3H:1V,		
: _ Priola Pit		Per	mit Action:	SR02	Permit/Jo	b#: <u>M2007087</u>
PROJECT IDENT	<u>IFICATIO</u>	N				
Task #: 001 Date: 4/25/20 User: JLE	019	State: County:	Colorado Adams		Abbreviation: Filename:	None M087-001
Agency or o	rganization r	ame: DR	MS			
HOURLY EQUIP	MENT CO	ST				
Basic Machine: Horsepower:	Cat D8T - 8 310	SU		-		
Blade Type: Attachment: Shift Basis:	Semi-Unive NA 1 per day	ersal		_		
Data Source:	(CRG)			_		
<u>Cost Breakdown</u> : Ownership Cost/Ho Operating Cost/Ho			\$93.62 \$73.35	Utilization % NA 100		
Ripper ov	wn.		\$0.00	NA		
Cost/Ho Ripper op. Cost/Ho			\$0.00	0		
Operator Cost/Ho			\$40.23	NA		
Swell factor:	NTITIES 320 1.115 357 LCY volume:		*	nd northwest slope, 17	feet high	
HOURLY PRODU	UCTION					
Average push distan Unadjusted hourly production:	ce:	90 feet 918.4 LCY	′hr			
Materials consistenc	y descriptior	: Compa	cted fill or en	nbankment 0.9		
Average push gradient:	-15 %	2				
Average site altitude	e: <u>5,100</u>	feet				
Material weight:	2,100	lbs/LCY				
Weight description:	Earth	- Loam				

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.9784

Adjusted unit production:	898.56 LCY/hr
Adjusted fleet production:	898.56 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)	
Unit cost:	\$0.231/LCY	-

Total job time:	0.40 Hours
Total job cost:	\$82

WHEEL LOADER - LOAD AND CARRY WORK

Task description:	Haul topsoil				
e: <u>Priola Pit</u>	Permit Actio	n: SR02		Permit/Jo	b#: <u>M2007087</u>
PROJECT IDENTIFICA	ATION				
Task #: 002	State: Colorad	0		Abbreviation:	None
Date: 4/25/2019 User: JLE	County: Adams			Filename:	M087-002
Agency or organiza	tion name: DRMS				
HOURLY EQUIPMENT	COST				
Basic Machine: CA	AT 962H		Horsepow	wer:	209
Attachment 1: RO	OPS Cab		Shift Ba	1	ber day
			Data Sou	rce: (0	CRG)
Cost Breakdown:					
		Utilization %			
Ownership Cost/Hou		NA			
Operating Cost/Hou		100	_		
Operator Cost/Hou Total Unit Cost/Hou		NA	_		
Total Unit Cost/Hou	r. \$90.02				
Total Fleet Cost/Ho	ur: \$96.62	_			
MATERIAL QUANTITI	IES				
Initial volume: 8.59	1 CCY	Swell fact	tor: 1.0	00	
Initial volume: <u>8,59</u> Loose volume:	1 CCY 8,591 LCY	Swell fact	tor: <u>1.0</u>	00	
Loose volume:	8,591 LCY		tor: <u>1.0</u>	00	
Loose volume: Source of es	8,591 LCY stimated volume: 10.65 A	Acres at 6"	tor: <u>1.0</u>	00	
Loose volume:	8,591 LCY stimated volume: 10.65 A		tor: <u>1.0</u>	00	
Loose volume: Source of es	8,591LCYstimated volume:10.65 Aated swell factor:Cat Ha	Acres at 6"	tor: <u>1.0</u>	00	
Loose volume: Source of es Source of estima	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N N	Acres at 6" ndbook			minutes
Loose volume: Source of es Source of estima	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N N	Acres at 6" ndbook c Cycle Time (load		0.500	minutes
Loose volume: Source of es Source of estima	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N N	Acres at 6" ndbook c Cycle Time (load	l, dump, neuver):		minutes
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material:	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02	Acres at 6" ndbook c Cycle Time (load	l, dump, neuver):	0.500 Factor (min.) 0.020	Source (Cat HB)
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile:	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02	Acres at 6" ndbook c Cycle Time (load mai	l, dump, neuver):	0.500 Factor (min.)	Source
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material:	8,591 LCY stimated volume: 10.65 A ated swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of the	Acres at 6" ndbook c Cycle Time (load mai	l, dump, neuver):	0.500 Factor (min.) 0.020	Source (Cat HB) (Cat HB)
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership:	8,591 LCY atimated volume: 10.65 // atted swell factor: Cat Ha M Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of tr 0.04	Acres at 6" ndbook c Cycle Time (load mai rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040	Source (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estima BOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	8,591 LCY attend swell factor: 10.65 // Ited swell factor: Cat Ha Ited swell factor: Cat Ha Ited swell factor: Ited Ha <td>Acres at 6" ndbook c Cycle Time (load mai rucks and loaders -</td> <td>l, dump, neuver):</td> <td>0.500 Factor (min.) 0.020 0.020 -0.040 -0.040</td> <td>Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)</td>	Acres at 6" ndbook c Cycle Time (load mai rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership:	8,591 LCY attend volume: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Nominal target 0.00	Acres at 6" ndbook c Cycle Time (load mar rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estima BOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Nominal target 0.00 Net C Constant C	Acres at 6" ndbook c Cycle Time (load man rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estima BOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Nominal target 0.00 Net C Constant C	Acres at 6" ndbook c Cycle Time (load mar rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estima BOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	8,591 LCY attend volume: 10.65 A atted swell factor: Cat Ha M Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of tr 0.04 Constant operation -0.04 Net Cy Adjust	Acres at 6" ndbook c Cycle Time (load man rucks and loaders -	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of es Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Rolling Resistance – Road Co	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Nominal target 0.00 Net C Adjustion	Acres at 6" ndbook c Cycle Time (load man rucks and loaders - ycle Time Adjustm sted Basic Cycle T	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040 0.460	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Rolling Resistance – Road Con Haul:	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Net Cy Adjustion Adjustion Dunditions Rutted dirt, little maintenar	Acres at 6" ndbook c Cycle Time (load mar rucks and loaders - ycle Time Adjustm sted Basic Cycle T	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040 0.460	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Rolling Resistance – Road Constant Haul: Return:	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Nominal target 0.00 Net C Adjustion	Acres at 6" ndbook c Cycle Time (load mar rucks and loaders - ycle Time Adjustm sted Basic Cycle T	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040 0.460	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Rolling Resistance – Road Con Haul:	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Net Cy Adjustion Adjustion Dunditions Rutted dirt, little maintenar	Acres at 6" ndbook c Cycle Time (load mar rucks and loaders - ycle Time Adjustm sted Basic Cycle T	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040 0.460	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estima HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Rolling Resistance – Road Co Haul: Return: Haul and Return Time	8,591 LCY atted swell factor: 10.65 A atted swell factor: Cat Ha N Unadjusted Basic Mixed material 0.02 Dumped by truck 0.02 Common ownership of th 0.04 Constant operation -0.04 Net Cy Adjustion Adjustion Dunditions Rutted dirt, little maintenar	Acres at 6" ndbook c Cycle Time (load man rucks and loaders - ycle Time Adjustm sted Basic Cycle T nce, no water, 1" ti nce, no water, 1" ti	l, dump, neuver):	0.500 Factor (min.) 0.020 0.020 -0.040 -0.040 0.000 -0.040 0.460	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes

Haul Route:	500	0.00	4.00	4.00	0.4213	(Cat HB)
Return Route:	500	0.00	4.00	4.00	0.3926	(Cat HB)
				ravel Time: Cycle Time:	0.8140 1.2740	minutes minutes
Load Bucket Capacity						
Rated Capa Bucket Fill Fa Adjusted Capa	ctor: 1.0		Y (heaped) er - moist loam Y	(100-11)	0%) 1.050	
Job Condition Correcti Site Altitude: <u>5100</u> fee						
Altituda Adi	. 1.00		ource			
Altitude Adj Job Efficiency		· · · ·	T HB) ift/day)			
Net Correction			iplier			
	Adjusted Hour	ly Unit Product ly Unit Product ly Fleet Product	tion: 176.	.49 LCY	/Hour /Hour /Hour	
JOB TIME AND C	<u>OST</u>					
Fleet size:	1 L	oader(s)	Total job	time:	48.68	Hours
Unit cost:	\$0.547 /I	.CY	Total job	cost:	\$4,703	_

BULLDOZER WORK

Task description:	Spread Topsoil				
ite: Priola Pit	Pe	rmit Action:	SR02	Permit/Jo	b#: <u>M2007087</u>
PROJECT IDENTIFI	CATION				
Task #: 002A	State:	Colorado		Abbreviation:	None
Date: $\frac{00211}{4/25/2019}$	County:	Adams		Filename:	M087-002a
User: JLE					
Agency or organ	ization name: DF	RMS			
HOURLY EQUIPME	NT COST				
Basic Machine: Cat	: D8T - 8SU				
Horsepower: 310)		-		
• • • • • • • • • • • • • • • • • • • •	ni-Universal		-		
Attachment: NA			-		
	er day		-		
Data Source: (CF	(G)		-		
Cost Breakdown:		1			
		\$02.62	<u>Utilization %</u>		
Ownership Cost/Hour:		\$93.62 \$73.35	<u>NA</u> 100		
Operating Cost/Hour: Ripper own.					
Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$40.23	NA		
MATERIAL QUANT Initial Volume: 8,59 Swell factor: 1.00	1	_			
	1 LCY				
i		_			
Source of estimated volu					
Source of estimated swe factor:	ll Cat Hand	DOOK			
nuctor.					
HOURLY PRODUCT	'ION				
Average push distance: Unadjusted hourly	<u>50 feet</u> 1,400.0 LC	V/hr			
production:	1,400.0 LC	1/111			
production.					
Materials consistency description:	Compa	cted fill or er	nbankment 0.9		
Average push gradient:	0 %				
Average site altitude:	5,100 feet				
Material weight:	1,600 lbs/LCY				
Weight description.	Top Soil				
Weight description:	100 3011				

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
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:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit 1 002 76 L GM

production:	1,082.76 LCY/hr
Adjusted fleet production:	1082.76 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.191/LCY

Total job time:	7.93 Hours	
Total job cost:	\$1,644	

MOTOR GRADER WORK

Task description:	Grade affected a	area				
e: Priola Pit	Pe	rmit Action:	SR02		Permit/Job#:	M2007087
PROJECT IDENTI	FICATION					
Task #: 003	State:	Colorado		Abbr	eviation: N	one
Date: 4/25/20		Adams				1087-003
User: JLE						
A						
Agency or org	ganization name: DF	RMS				
HOURLY EQUIPM	IENT COST					
Basic Mach	ine: CAT 12M			Horsepower:	158	
Ripper Attachm	ent:			Shift Basis:	1 per c	lay
				Data Source:	(CRC	J)
Cost Breakdown:						
				Utilization %		
	nership Cost/Hour:		\$30.73	NA		
	erating Cost/Hour:		\$30.60	100		
	nership Cost/Hour:		\$0.00	NA		
	erating Cost/Hour:		\$0.00			
	perator Cost/Hour:		\$45.64	NA	-	
Tot	tal Unit Cost/Hour:		\$106.97			
Tot	al Fleet Cost/Hour:	\$106	5.97			
MATERIAL QUAN	TITIES					
	a to be graded or rippe	d: 10.65			ac	cres
	rce of estimated acreag				u	
	-	<u>pro</u>				
HOURLY PRODUC						
	Average Grader Sp		1.50	mph		
	Selected Applica			grading (0-2.5 m		
	Selected Blade An	·	0	degrees		
XX 7* 1.1	Effective Blade Ler	•	12.00	feet		
	h of blade overlap per j		2.00	feet		
	g or ripping width per p		10.00	feet		
· ·	ed Hourly Unit Produc	tion:	1.8182	acres/ho		
Job Condition Correction	on Factors	Source	3]	ite Altitude: 510	<u>o</u> leet	
Altitude Adj:	1.00	(CAT HE	3)			
Job Efficiency:		(1sh/d, mo				
Net Correction:		multiplier				
		-				
	Adjusted Hourly Unit		1.5455	acres/Hour		
1	Adjusted Hourly Fleet	Production:	1.5455	acres/Hour		
JOB TIME AND CO	OST					
Fleet size:	1 Grader(s)		Total job time:	: 6.89) Н	ours
			-			
Unit cost: \$	before the per acre		Total job cost	: \$737	/	

REVEGETATION WORK

Task descr	ription:	Revegetation of the Affected	l Land		
ite: Priola I	Pit	Permit Action:	SR02	Permit/Jo	b#: <u>M2007087</u>
PROJEC'	<u>r identifi</u>	CATION			
Task #: Date: User:	4/25/2019	State:ColoradoCounty:Adams		Abbreviation: Filename:	None M087-004

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	200.00	pound	\$0.21	\$42.00
			Total Fertilizer Materials Cost/Acre	\$42.00

Application

Description		Cost /Acre
Push rotary spreader (MEANS 32 01 90.13 0110)		\$99.32
Tota	al Fertilizer Application Cost/Acre	\$99.32

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$106.29
Weed control spraying (MEANS 31 31 16.13 3100)	\$193.60
Total Tilling Cost/Acre	\$299.89

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	1.12	18.28	\$16.63
Buffalograss - Native/Plains	6.26	6.04	\$75.87
Little Bluestem - Native	1.12	6.69	\$18.07
Sideoats Grama - Vaughn	2.26	7.42	\$23.14
Intermediate Wheatgrass - Oahe	2.76	5.89	\$10.85
Oats - Walken	2.50	0.75	\$0.85
Slender Wheatgrass - Native	2.96	10.80	\$8.52
Thickspike Wheatgrass - Critana	18.00	63.64	\$105.66
Western Wheatgrass - Native	3.76	9.49	\$26.96
Totals Seed Mix	40.74	129.00	\$286.55

Application

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
			\$	\$
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	ek Cost / Acre	\$0.00

JOB TIME AND COST

No. of Acres:	12.12	Cost /Acre:	\$994.98
Estimated Failure Rate:	25%	Cost /Acre*:	\$553.77
*Selected Replanting Work Items:	SEEDING		·
Initial Job Cost: \$12,059.16			

mitiai JOU COSt.	φ1 2, 03 3. 10
Reseeding Job Cost:	\$1,677.92
Total Job Cost:	\$13,737
Job Hours:	12.12

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Тε	ask description:	Mo	bilization and De	emobilization o	f Equipme	ent			
e: _	Priola Pit		Permit	Action: SR02	2	I	Permit/Jo	b#: <u>M</u>	2007087
<u>PR</u>	OJECT IDE	NTIFICATI	<u>ON</u>						
	Task #: 005		State: Co	olorado		Abbre	viation:	None	
		5/2019	County: Ad	dams		Fil	lename:	M087	-005
	User: JLE								
	Agency of	or organization	name: DRMS						
ГO	MIIDMENIT T		T RIG COST						
EQ		NANSFUR	1 NIG COST						
						Shift bas		1 per da	
					(Cost Data Sour	ce: (CRG Da	ta
	Truck	Tractor Desci	ription: GENE	RIC ON-HIGH		JCK TRACTO (2ND HALF, 2	, ,	DIESEL	POWERED,
	Truch	k Trailer Desci	rintion:	ENERIC FOLD			,	K EOU	DMENT
	Truch	a Traffer Desci	ipuoli. O			(25T, 50T, AN			
						(251, 501, 711)	D 1001)		
Cos	st Breakdown:								
A	vailable Rig C	apacities	0-25 Tons	26-50 Tons	51+	- Tons			
		Cost/Hour:	\$16.63	\$18.37	\$2	22.33			
	Operating	Cost/Hour:	\$44.38	\$46.13	\$5	50.07			
	Operator	Cost/Hour:	\$27.66	\$27.66	\$2	27.66			
	Helper	Cost/Hour:	\$0.00	\$25.39	\$2	25.39			
	Total Unit	Cost/Hour:	\$88.67	\$117.55	\$1	25.45			
NC	DN ROADAB	LE EQUIPN	<u>IENT:</u>						
Ν	Iachine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return	Trip	DOT Permit
	escription	Unit	Cost/hr/ unit	Cost/hr/unit	Size	Cost/hr/	Cost/hr		Cost/ fleet
D	-semption	(TONS)	cost in/ unit			fleet			
С	at D8T - 8SU	47.71	\$93.62	\$117.55	1	\$211.17	\$117.55		\$250.00
	AT 962H	20.95	\$28.76	\$88.67	1	\$117.43	\$88.67		\$250.00
	AT 12M	16.01	\$30.73	\$88.67	1	\$119.40	\$88.67		\$250.00

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.	\$40.58	1	\$40.58	\$40.58
Fuel Tanker, 6x4, 210 HP	\$64.10	1	\$64.10	\$64.10
		Subtotals:	\$104.68	\$104.68

Subtotals:

\$448.00

\$294.89

\$750.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	COMMERCE CITY	
Total one-way travel distance:	3.40	miles
Average Travel Speed:	45.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,508.26 \$15.82	_

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.08	0.08
Return Time (Hours):	0.08	0.08
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.15	0.15

JOB TIME AND COST

Total job time:	2.30	Hours

Total job cost: \$2,524