COST SUMMARY WORK

Bradbury Pit		Permit Action:	2018-03	Permit/Jol	b#: <u>M1978357</u>
ROJECT IDE	NTIFICAT	<u>ION</u>			
Task #: AC Date: 3/2 User: AC	3/2018	State: Colorado County: Mesa		Abbreviation: Filename:	None M357-acy

TASK LIST (DIRECT COSTS)

Task		Form	Fleet	Task	
Task	Description	Used	Size	Hours	Cost
01a	Establishing final grade	DOZER	1	10.55	\$2,010.00
02a	Rip compacted areas	RIPPER	1	40.24	\$8,261.00
03a	Transport topsoil material	TRUCK1	1	54.01	\$10,907.00
04a	Place/grade topsoil	DOZER	1	44.96	\$8,566.00
05a	Reveg	REVEGE	1	60.00	\$32,255.00
06a	Initial mobilization	MOBILIZE	1	2.80	\$3,495.00
06b	Secondary mobilization	MOBILIZE	1	2.80	\$1,562.00
		SUBTO	TALS:	215.36	\$67,056

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02 Total = \$1,354.53 Performance bond: \$704.09 1.05 Total = Total = Job superintendent: 107.68 \$7,866.02 Profit: 10.00 Total = \$6,705.60

TOTAL O & P = \$16,630.24

CONTRACT AMOUNT (direct + O & P) = $\frac{$83,686.24}{}$

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 \$4,184.31

CONTINGENCY: 0.00 Total = \$0.00

TOTAL INDIRECT COST = \$21,314.55

TOTAL BOND AMOUNT (direct + indirect) = \$88,370.55

BULLDOZER WORK

Task description	:	Establish	ing final grade			
e: Bradbury Pi	;		Permit Action	2018-03	Permit/Job#:	M1978357
PROJECT ID	<u>ENTIF</u>	<u>ICATION</u>				
Task #: 01	A		State: Colorado)	Abbreviation:	None
	23/2018	C	ounty: Mesa		Filename:	M357-01a
User: A	CY				_	
Agenc	or organ	nization name	e: DRMS			
HOURLY EQ	UIPME	ENT COST				
Basic Machin		D8T - 8SU				
Horsepowe						
Blade Typ Attachmer		ni-Universal				
Shift Bas		er day				
Data Source				<u></u>		
		,				
Cost Breakdown	:			TT. TT.	,	
Ournamakin C	ıt/Lla		\$83.81	<u>Utilization %</u> NA	<u>)</u>	
Ownership Cos Operating Cos			\$66.17	100		
Ripper own. Cos			\$0.00			
Ripper op. Cos			\$0.00			
Operator Cos			\$40.52			
Operator Cos	st/110u1.		Φ40.32	NA		
Total unit Cost/I	Hour:	\$190.50				
Total Fleet Cost	Hour:	\$190.50				
MATERIAL (OUANT	TTIES				
Initial Volume						
Swell factor						
Loose volume	: 7,76	7 LCY				
Source of estima	ted volur	ne: 50	00 lft of highwall a	nd smooth piles		
Source of estima	ted swell		at Handbook			
HOURLY PR	ODUCT	ΓΙΟΝ				
			S			
Average push di Unadjusted hour		60 f	eet 46.9 LCY/hr			
Materials consis	• 1		Compacted fill or	embankment 0 0		
	cincy des	_	Compacted IIII of	omountment 0.7		
Average push gr						
Average site alti		-15 % 5,000 feet				
Material weight:	tude:		LCY			
C	tude:	5,000 feet 2,900 lbs/I	LCY ed rock - 50% Roc	k, 50% Earth		
Material weight:	tude: on:	5,000 feet 2,900 lbs/I Decompos			 	
Material weight: Weight descripti	tude: on:	5,000 feet 2,900 lbs/I Decompos Factor		k, 50% Earth Source (AVG.		
Material weight: Weight descripti	tude: on: orrection	5,000 feet 2,900 lbs/I Decompos Factor Skill:	ed rock - 50% Roc	Source	.)	
Material weight: Weight description Condition Condi	on: orrection Operator S Il consiste ozing me	5,000 feet 2,900 lbs/I Decompos Factor Skill: ency:	ed rock - 50% Roc 0.750	Source (AVG.	.) B)) .)	

0.830	(1 SHIFT/DAY)
1.000	(DOZ-OC)
1.329	(CAT HB)
1.000	(CAT HB)
0.793	(CAT HB)
1.000	(PAT)
	1.000 1.329 1.000 0.793

Net correction: 0.5904

Adjusted unit production: 736.17 LCY/hr
Adjusted fleet production: 736.17 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.259/LCY

Total job time: 10.55 Hours
Total job cost: \$2,010

BULLDOZER RIPPING WORK

	Task description:	Rip cor	_ r				
Site:	: Bradbury Pit		Permit Action:	2018-03	Perm	it/Job#: N	M1978357
	PROJECT IDE	ENTIFICATION	<u> </u>				
	Task #: 02A	4	State: Colorado		Abbrevi	ation: N	one
		3/2018	County: Mesa				I357-02a
	User: AC	Y					
	Agency	or organization na	me: DRMS				
	HOURLY EQU	UIPMENT COS	<u>T</u>				
	Basic I	Machine: Cat D	8T - 8SU		Horsepower:	310)
	Ripper Atta	achment: 3-Sha	nk Ripper	<u> </u>	Shift Basis:	1 per o	
					Data Source:	(CRC	<u>i)</u>
	Cost Breakdown:						
			~~	402.01	Utilization %		
		Ownership Cost		\$83.81	NA 100		
	Rinne	Operating Cost		\$66.17 \$7.55	100 NA		
		per Operating Cost		\$7.21	100		
	тирр	Operator Cost		\$40.52	NA		
		Total Unit Cost		\$205.26			
		Total Fleet Cost	/Hour: \$205	5.26			
	MATERIAL Q	UANTITIES	Sele	ected estimating	g method: Area		
	Alternate Method		Sele	cted estimating	method. Area		
C · · · · · · · ·		<u></u>	D1 W -1	NIA	DCV	NTA	
Seismic: Area:	NA 25.00	acres	Bank Volume: _ Rip Depth (ft):	NA 2.00	BCY 80,6	NA 67	BCY or CCY
11100.			ted quantity: Pit floo			<u> </u>	
	HOUDI V DD		<u> </u>	T dild stockpile	urcu		
	HOURLY PRO	DUCTION					
	Seismic:	Soi	smic Velocity:	NA	feet/second		
		361	sinc velocity.	INA	icet/second		
	Area:						
		Α	Nasta Bada		1		
			Ripping Depth:	2.56	mph		
		Average F	Ripping Width:	2.56 7.08	degrees		
		Average F Average R	Ripping Width:ipping Length:	2.56 7.08 150.00	degrees feet		
		Average F Average R Average	Ripping Width: ipping Length: Dozer Speed:	2.56 7.08	degrees		
		Average F Average R Average Average M	Ripping Width:ipping Length:	2.56 7.08 150.00 88.00	degrees feet feet		
	Job Condition Co	Average R Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time:	2.56 7.08 150.00 88.00 0.25	degrees feet feet feet		
		Average R Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time: n per unit area:	2.56 7.08 150.00 88.00 0.25	degrees feet feet feet		
		Average F Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time: n per unit area:	2.56 7.08 150.00 88.00 0.25 0.748	degrees feet feet feet acres/hour		
		Average F Average R Average M Production prection Factors adjusted Hourly U	Ripping Width: ipping Length: e Dozer Speed: faneuver Time: n per unit area: nit Production: Site Altitude: Altitude Adj:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00	degrees feet feet feet feet acres/hour Acres/hr		
		Average F Average R Average M Production prection Factors adjusted Hourly U	Ripping Width: ipping Length: ipping Length: ippong Length: ipping	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day)	
		Average F Average R Average M Production prection Factors adjusted Hourly U	Ripping Width: ipping Length: e Dozer Speed: faneuver Time: n per unit area: nit Production: Site Altitude: Altitude Adj:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00	degrees feet feet feet acres/hour Acres/hr feet (CAT HB))	
		Average F Average R Average M Production Orrection Factors adjusted Hourly U Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day)	
		Average F Average R Average M Production Orrection Factors adjusted Hourly U Adjusted Ho	Ripping Width: ipping Length: ipping	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier)	
		Average F Average R Average M Production Prection Factors Adjusted Hourly Un Adjusted Ho Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier Acres/hr)	
	Una	Average F Average R Average M Production Prection Factors Adjusted Hourly Un Adjusted Ho Adjusted Ho Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier Acres/hr Acres/hr		Hours

BULLDOZER RIPPING WORK

	Task description:	Rip cor	_ r				
Site:	: Bradbury Pit		Permit Action:	2018-03	Perm	it/Job#: N	M1978357
	PROJECT IDE	ENTIFICATION	<u> </u>				
	Task #: 02A	4	State: Colorado		Abbrevi	ation: N	one
		3/2018	County: Mesa				I357-02a
	User: AC	Y					
	Agency	or organization na	me: DRMS				
	HOURLY EQU	UIPMENT COS	<u>T</u>				
	Basic I	Machine: Cat D	8T - 8SU		Horsepower:	310)
	Ripper Atta	achment: 3-Sha	nk Ripper	<u> </u>	Shift Basis:	1 per o	
					Data Source:	(CRC	<u>i)</u>
	Cost Breakdown:						
			~~	402.01	Utilization %		
		Ownership Cost		\$83.81	NA 100		
	Rinne	Operating Cost		\$66.17 \$7.55	100 NA		
		per Operating Cost		\$7.21	100		
	тирр	Operator Cost		\$40.52	NA		
		Total Unit Cost		\$205.26			
		Total Fleet Cost	/Hour: \$205	5.26			
	MATERIAL Q	UANTITIES	Sele	ected estimating	g method: Area		
	Alternate Method		Sele	cted estimating	method. Area		
C · · · · · · · ·		<u></u>	D1 W -1	NIA	DCV	NTA	
Seismic: Area:	NA 25.00	acres	Bank Volume: _ Rip Depth (ft):	NA 2.00	BCY 80,6	NA 67	BCY or CCY
11100.			ted quantity: Pit floo			<u> </u>	
	HOUDI V DD		<u> </u>	T dild stockpile	urcu		
	HOURLY PRO	DUCTION					
	Seismic:	Soi	smic Velocity:	NA	feet/second		
		361	sinc velocity.	INA	icet/second		
	Area:						
		Α	Nasta Bada		1		
			Ripping Depth:	2.56	mph		
		Average F	Ripping Width:	2.56 7.08	degrees		
		Average F Average R	Ripping Width:ipping Length:	2.56 7.08 150.00	degrees feet		
		Average F Average R Average	Ripping Width: ipping Length: Dozer Speed:	2.56 7.08	degrees		
		Average F Average R Average Average M	Ripping Width:ipping Length:	2.56 7.08 150.00 88.00	degrees feet feet		
	Job Condition Co	Average R Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time:	2.56 7.08 150.00 88.00 0.25	degrees feet feet feet		
		Average R Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time: n per unit area:	2.56 7.08 150.00 88.00 0.25	degrees feet feet feet		
		Average F Average R Average Average M Production	Ripping Width: ipping Length: Dozer Speed: aneuver Time: n per unit area:	2.56 7.08 150.00 88.00 0.25 0.748	degrees feet feet feet acres/hour		
		Average F Average R Average M Production prection Factors adjusted Hourly U	Ripping Width: ipping Length: e Dozer Speed: faneuver Time: n per unit area: nit Production: Site Altitude: Altitude Adj:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00	degrees feet feet feet feet acres/hour Acres/hr		
		Average F Average R Average M Production prection Factors adjusted Hourly U	Ripping Width: ipping Length: ipping Length: ippong Length: ipping	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day)	
		Average F Average R Average M Average M Production orrection Factors adjusted Hourly U	Ripping Width: ipping Length: e Dozer Speed: faneuver Time: n per unit area: nit Production: Site Altitude: Altitude Adj:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00	degrees feet feet feet acres/hour Acres/hr feet (CAT HB))	
		Average F Average R Average M Production Orrection Factors adjusted Hourly U Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day)	
		Average F Average R Average M Production Orrection Factors adjusted Hourly U Adjusted Ho	Ripping Width: ipping Length: ipping	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier)	
		Average F Average R Average M Production Prection Factors Adjusted Hourly Un Adjusted Ho Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier Acres/hr)	
	Una	Average F Average R Average M Production Prection Factors Adjusted Hourly Un Adjusted Ho Adjusted Ho Adjusted Ho	Ripping Width: ipping Length: e Dozer Speed: Inneuver Time: In per unit area: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Durly Unit Production:	2.56 7.08 150.00 88.00 0.25 0.748 0.748 5,000 1.00 0.83 0.83	degrees feet feet feet feet acres/hour Acres/hr feet (CAT HB) (1 shift/day multiplier Acres/hr Acres/hr		Hours

BULLDOZER WORK

Task description:	Place/grade topsoil			
: Bradbury Pit	Permit Action:	2018-03	Permit/Job#:	M1978357
PROJECT IDENTII	FICATION .			
Task #: 04A	State: Colorado		Abbreviation:	None
Date: 3/23/2018	County: Mesa		Filename:	M357-04a
User: ACY			_	
Agency or orga	anization name: DRMS			
HOURLY EQUIPM	ENT COST			
Basic Machine: Ca	at D8T - 8SU			
Horsepower: 31	.0			
71	emi-Universal			
Attachment: N.				
	per day			
Data Source: (C	CRG)			
Cost Breakdown:				
		<u>Utilization %</u>		
Ownership Cost/Hour:		NA		
Operating Cost/Hour:		100		
Ripper own. Cost/Hour:		NA		
Ripper op. Cost/Hour:		0		
Operator Cost/Hour:	\$40.52	NA		
Total unit Cost/Hour:	\$190.50			
Total Fleet Cost/Hour:	\$190.50			
MATERIAL QUAN	TITIES			
	<u></u>			
In:4: a1 Walanaa 26	(20)			
Initial Volume: 26,				
Swell factor: 1.0	00			
Swell factor: 1.0				
Swell factor: 1.0 Loose volume: 26, Source of estimated volume	00 620 LCY ume: 6" over 33 acres			
Swell factor: 1.0 Loose volume: 26,	00 620 LCY ume: 6" over 33 acres			
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell	00 620 LCY ume: 6" over 33 acres Cat Handbook			
Swell factor: 1.0 Loose volume: 26, Source of estimated volume	00 620 LCY ume: 6" over 33 acres Cat Handbook			
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell HOURLY PRODUC	00 620 LCY ume: 6" over 33 acres Cat Handbook			
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell HOURLY PRODUCE Average push distance:	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet			
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell HOURLY PRODUC	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet 751.6 LCY/hr	I stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell HOURLY PRODUCE Average push distance: Unadjusted hourly produced to the state of the	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet 751.6 LCY/hr	l stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell source of estimated swell HOURLY PRODUCE Average push distance: Unadjusted hourly produce Materials consistency decomposition of the same statement of t	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet 751.6 LCY/hr escription: Partly consolidated	I stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell HOURLY PRODUCE Average push distance: Unadjusted hourly produced Materials consistency described by the same of the same	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet uction: 751.6 LCY/hr escription: Partly consolidated	I stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes Source of estimated swell source of estimated swell HOURLY PRODUCE Average push distance: Unadjusted hourly produce Materials consistency decomposition of the same statement of t	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet 751.6 LCY/hr escription: Partly consolidated	I stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes 20, Source of estimated swell such source of estimated swell such source of estimated swell such samples and such such samples such samp	00 620 LCY ume: 6" over 33 acres Cat Handbook CTION 120 feet 751.6 LCY/hr escription: Partly consolidated 0 % 5,000 feet	I stockpile 1.1		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes 26, Source of estimated swell stance: Unadjusted hourly produce the same stance of estimated swell stance. Materials consistency defined a swell stance of estimated swell stance. Average push gradient: Average site altitude: Material weight: Weight description:	120 feet 20 20 20 20 20 20 20 2			
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes 26, Source of estimated swell stance: Unadjusted hourly produce the same stance of estimated swell stance. Materials consistency defined a swell stance of estimated swell stance. Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	120 feet 20 20 20 20 20 20 20 2	Source		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes 20, Source of estimated swell stance: Unadjusted hourly produce of the swell stance: Unadjusted hourly produce of estimated swell stance of es	120 feet 25,000 feet 1,600 lbs/LCY Top Soil 16,000 feet 1,600 feet 1,	Source (AVG.)		
Swell factor: 1.0 Loose volume: 26, Source of estimated volumes 26, Source of estimated swell stance: Unadjusted hourly produce the same stance of estimated swell stance. Materials consistency defined a swell stance of estimated swell stance. Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	120 feet 25,000 feet 1,600 lbs/LCY Top Soil 1,000 feet 1,100 feet 1,1	Source		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
1.000	(CAT HB)
1.000	(CAT HB)
1.438	(CAT HB)
1.000	(PAT)
	0.800 1.000 1.000 1.438

Net correction: 0.7877

Adjusted unit production: 592.04 LCY/hr
Adjusted fleet production: 592.04 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.322/LCY

Total job time: 44.96 Hours
Total job cost: \$8,566

REVEGETATION WORK

Bradbury Pit	Permit A	ction: 2018-03	3		Permit/Job#	: <u>M1978357</u>
ROJECT IDENTIFIC	CATION					
Task #: 05A	State: Colo	orado		Δh	breviation:	None
Date: $\frac{3/23}{2018}$	County: Mes					M357-05a
User: ACY	County:	<u> </u>			i ilename.	1 V1 337 03 a
Agency or organiz	zation name: DRMS					
ERTILIZING						
aterials						
5		Units /		C	-4 / TT24	C 4 / 4
Description		Acre	Unit	Cos	st / Unit	Cost /Acre
				\$		\$
				To	tal Fautilinan	
				10	tal Fertilizer Materials	
					Cost/Acre	\$0.00
plication						
Description						Cost /Acre
Description						
Description						Cost /Acre
Description		Total Fa	artilizar	A pplicatio	an Cast/Acra	\$
Description		Total Fe	ertilizer .	Applicatio	on Cost/Acre	
Description LLING		Total Fe	ertilizer 2	Applicatio	on Cost/Acre	\$
<u>LLING</u>		Total Fe	ertilizer .	Applicatio	on Cost/Acre	\$ \$0.00
LLING Description	- AMEANS 22.01.12.22.6		ertilizer .	Applicatio	on Cost/Acre	\$ \$0.00 Cost /Acre
LLING Description	o (MEANS 32 91 13.23 6		ertilizer /	Applicatio	on Cost/Acre	\$ \$0.00
LLING Description	o (MEANS 32 91 13.23 6				on Cost/Acre	\$ \$0.00 Cost /Acre \$106.29
LLING Description	o (MEANS 32 91 13.23 6					\$ \$0.00 Cost /Acre
LLING Description) (MEANS 32 91 13.23 6					\$ \$0.00 Cost /Acre \$106.29
LLING Description Disc harrowing, 6" deep	o (MEANS 32 91 13.23 6			otal Tillir		\$ \$0.00 Cost /Acre \$106.29
LLING Description Disc harrowing, 6" deep	o (MEANS 32 91 13.23 6			otal Tillir Rate –	ng Cost/Acre	\$ \$0.00 Cost /Acre \$106.29
LLING Description Disc harrowing, 6" deep	0 (MEANS 32 91 13.23 6			otal Tillin Rate – PLS	ng Cost/Acre	\$0.00 Cost /Acre \$106.29 \$106.29
LLING Description Disc harrowing, 6" deep) (MEANS 32 91 13.23 6			Cotal Tillin Rate – PLS LBS /	ng Cost/Acre	\$0.00 Cost /Acre \$106.29 \$106.29
LLING Description Disc harrowing, 6" deep EEDING Seed Mix				Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$106.29 \$106.29
LLING Description Disc harrowing, 6" deep EEDING Seed Mix Indian Ricegrass - Palor				Rate – PLS LBS / Acre 2.00	ng Cost/Acre	\$0.00 Cost /Acre \$106.29 \$106.29
LLING Description Disc harrowing, 6" deep EEDING Seed Mix				Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre
LLING Description Disc harrowing, 6" deep EEDING Seed Mix Indian Ricegrass - Palor Blue Grama - Native				Rate – PLS LBS / Acre 2.00 0.75	Seeds per SQ. FT 6.47 12.24	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$19.50 \$10.88
Description Disc harrowing, 6" deep EEDING Seed Mix Indian Ricegrass - Palor Blue Grama - Native Sand Dropseed				Rate – PLS LBS / Acre 2.00 0.75 0.20	Seeds per SQ. FT 6.47 12.24 23.88	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$19.50 \$10.88 \$2.17

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
Herbicide - Plateau @ 1.0 pt/ac	2.00	ACRE	\$10.11	\$20.22
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	BALE	\$10.44	\$20.88
Total Mulch Materials Cost/Acre				\$41.10

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$66.02
Power mulcher (MEANS 32 91 13.16 0350)		\$99.32
Weed spray, truck, non-aquatic area, nox. [DMG]		\$71.50
	Total Mulch Application Cost/Acre	\$236.84

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

JOB TIME AND COST

 No. of Acres:
 33
 Cost /Acre:
 \$698.17

 Estimated Failure Rate:
 40%
 Cost /Acre*:
 \$698.17

*Selected Replanting Work Items: TILLING, SEEDING, MULCHING

Initial Job Cost: \$23,039.61

Reseeding Job Cost: \$9,215.84

Total Job Cost: \$32,255

Job Hours: 60.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: In	itial mobilization			
Site: Bradbury Pit	Permi	t Action:	Permit/	Job#: <u>M1978357</u>
PROJECT IDENTIFICAT	<u>'ION</u>			
Task #: 06A	State: C	Colorado	Abbreviation	: None
Date: 3/23/2018	County: N	1 esa	Filename	e: M357-06a
User: ACY	_			
Agency or organization	on name:DRM	S		
EQUIPMENT TRANSPO	RT RIG COST			
			Shift basis:	1 per day
			Cost Data Source:	CRG Data
Truck Tractor Des	cription: GEN	ERIC ON-HIGHWA	AY TRUCK TRACTOR, 6X	4. DIESEL POWERED.
			400 HP (2ND HALF, 2006)	,,
Truck Trailer Des	cription:	GENERIC FOLDIN	G GOOSENECK, DROP DE	ECK EQUIPMENT
		TR	AILER (25T, 50T, AND 100	T)
Coat Brookdown				_
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:	\$44.38	\$46.13	\$50.07	
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66	
Helper Cost/Hour:	\$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 928Hz	13.91	\$19.17	\$88.67	1	\$107.84	\$88.67	\$250.00
Cat D8T - 8SU	53.08	\$91.36	\$125.45	1	\$216.81	\$125.45	\$250.00
Drill/Broadcast	25.00	\$12.22	\$88.67	1	\$100.89	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$7.03	\$88.67	1	\$95.70	\$88.67	\$250.00
(Bowie LD-90)							

\$117.55

\$125.45

Subtotals: \$521.24 \$391.46 \$1,000.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Generic 8-10 cy, 6x4	\$85.25	2	\$170.50	\$170.50
Light Duty Pickup, 4x4, 1 T.	\$47.96	1	\$47.96	\$47.96
Crew				

Subtotals:	\$218.46	\$218.46
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EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: GRAND JUNCTION,

\$3,407.56

Total Non-Roadable Mob/Demob Cost *

'* two round trips with haul rig: Total Roadable Mob/Demob Cost **

** one round trip, no haul rig:

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.20	0.20
Return Time (Hours):	0.20	0.20
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.40	0.40

JOB TIME AND COST

Total job time: 2.80 Hours

Total job cost: \$3,495

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Sec	condary mobiliza	tion			
ite: Bradbury Pit	Permi	t Action:2018-	03	Permit/Jo	b#: <u>M1978357</u>
PROJECT IDENTIFICATI	<u>ION</u>				
Task #: 06B	State: C	colorado	A	Abbreviation:	None
Date: 3/23/2018 User: ACY	County: N	I esa		Filename:	M357-06b
Agency or organization	n name: DRMS	S			
EQUIPMENT TRANSPOR	T RIG COST				
			Shi	ft basis:	1 per day
			Cost Data		CRG Data
Truck Tractor Desc	eription: GENI	ERIC ON-HIGHV	WAY TRUCK TRA 400 HP (2ND HA		DIESEL POWERED,
Truck Trailer Desc	cription:	GENERIC FOLD	ING GOOSENECK	, DROP DEC	K EQUIPMENT
		T	TRAILER (25T, 50T	T, 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:	\$44.38	\$46.13	\$50.07		
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66		
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39	<u> </u>	
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45		

NON ROADABLE EQUIPMENT:

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		
Drill/Broadcast	25.00	\$12.22	\$88.67	1	\$100.89	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$7.03	\$88.67	1	\$95.70	\$88.67	\$250.00
(Bowie LD-90)							

Subtotals: \$196.59 \$177.34 \$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$47.96	1	\$47.96	\$47.96

Cubtotala	\$47.96	\$47.06	
Subtotals:	547.90	\$47.96	

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: GRAND JUNCTION,

Task # 06B

CO Total one-way travel distance: 10.00 miles Average Travel Speed: 50.00 mph

\$1,542.75

Total Non-Roadable Mob/Demob Cost *

** two round trips with haul rig:

Total Roadable Mob/Demob Cost **

\$19.18 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.20	0.20
Return Time (Hours):	0.20	0.20
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.40	0.40

JOB TIME AND COST

Total job time:	2.80	Hours

Total job cost: **\$1,562**