COST SUMMARY WORK

,	rask description. Post inspection update 04-2	2022			
Site:	Humming Bird Mine Permit Action:	04-2022		Permit/Job	o#: M2017035
т.					
<u>P</u>	ROJECT IDENTIFICATION				
	Task #: ACY State: Colorado			Abbreviation:	None
	Date: 5/6/2022 County: Mesa			Filename:	M035-000
	User: ACY				
	Agency or organization name: DRMS				
	rigency of organization name:				
<u>T</u>	ASK LIST (DIRECT COSTS)				
		Form	Fleet	Task	
ask	Description	Used	Size	Hours	Cost
1a	Ridgetop Project-Place Rock in Pit	EXCAVATE	1	3.97	\$381
1b	Ridgetop Project-Place Waste Dirt/Tailings in	EXCAVATE	1	3.89	\$373
	Shaft				
1c	Ridgetop Project-Place Soil	EXCAVATE	1	3.37	\$324
1d	Ridgetop Project-Remove Safety Fence	DEMOLISH	1	8.00	\$559
1e	Ridgetop Project-Reveg	REVEGE	1	8.00	\$965
2a	Connector Project-Grade Rock Material	EXCAVATE	1	2.21	\$212
2b	Connector Project-Grade Soil Material	EXCAVATE	1	1.23	\$118
2c	Connector Project-Reveg	REVEGE	1	1.00	\$402
0a	Initial Mobilization	MOBILIZE	1	3.33	\$855
0b	Secondary Mobilization	MOBILIZE	1	0.66	\$53
		SUBTO	OTALS:	35.66	\$4,242
IN	NDIRECT COSTS				
<u>U</u>	VERHEAD AND PROFIT:				
	Liability insurance: 2.02			Total = \$8	
	Performance bond: 1.05			Total =	
	Job superintendent: 0.00			Total = \$0	
	Profit: 10.00		тот и		124
	CONT				554
	CONT	RACT AMOUNT	(direct +	$-\mathbf{O} \otimes \mathbf{P} = -54$	1,796
LF	EGAL - ENGINEERING - PROJECT MANAGEMENT	`:			
		\$0		Total = \$0)
	Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation:	0.00	_	$Total = \frac{\$0}{\$0}$ $Total = \frac{\$0}{\$0}$	
	Reclamation management and/or administration:	5.00	=		240
	rectamation management and/or administration.		_	Ψ2	<i>,</i> TO
	CONTINGENCY:	0.00		Total = \$0)
		TOTAL II	MDIDEC	T COST - \$7	794
		IOIALII	ADIREC	1 COSI = 3/	-
	TOTAL BO	OND AMOUNT (d	lirect + i	$ndirect) = _{5}$	5,036

Task description:	Ridgetop Project-Place l	Rock in Pit		
Humming Bird Mine	Permit Action	on: 04-2022	Permi	it/Job#: <u>M2017035</u>
PROJECT IDENTIFIC	CATION			
Task #: 01A	State: Colora	ado	Abbrevia	ation: None
Date: 5/6/2022	County: Mesa			name: M035-01a
User: ACY	County			1033 01a
Agency or organi	zation name: DRMS			
HOURLY EQUIPMEN				
	Cat 307D 7'-3" Stick		Horsepower:	56
Attachment 1:	ROPS Cab		Weight (MT):	7.23
		_	Shift Basis:	1 per day
			Data Source:	(CRG)
Cost Breakdown:		I I4:1:4: 0/		
Ownership Cost/II	our: \$27.97	Utilization % NA		
Ownership Cost/Hooglest Operating Cost/Hooglest		100	_	
Operator Cost/H		NA	_	
Total Unit Cost/H		11/1	_	
Total Fleet Cost/H	· · ·			
MATERIAL QUANTI Initial volume: 22:	-	Swell factor	or: 1.000	
Loose volume: 22				
Source of	estimated volume: Rec	Plan #19		
		Handbook		
HOURLY PRODUCT	ION			
Excavator Cycle Time (loa	d bucket, swing loaded, dur	mp bucket, swing empt	<u>ty):</u>	
	Basic Jo	ob Condition Descripti	on: SEVERE	
	Secondary Job Condition	within Basic Descripti		
		Cycle Time Val	lue: 0.325	minutes
Load Bucket Capacity				
			Bucket Size Class	s: Medium
Rated Capacity:		(heaped)		
Bucket Fill Factor:		x - Earth Mixture (1009)	%-105%) 1.025	
Adjusted Capacity:	0.41 LCY			
Job Condition Correction I	Factors	Site	Altitude: 6100 feet	i
		urce		
Altitude Adj:		Г НВ)		
Job Efficiency:		ft/day)		
Net Correction:	0.75 multi	plier		
	justed Hourly Unit Product		LCY/Hour	
	justed Hourly Unit Product		LCY/Hour	
Adj	usted Hourly Fleet Product	ion: 56.54	LCY/Hour	
JOB TIME AND COS	<u>r</u>			
Fleet size: 1	Excavator	Total job time:	3.98	Hours
				
Unit cost: \$1.69	94 /LCY	Total job cost:	\$381	

	Kiugetop	i roject-i	iacc was	te Dire runings	in Shaft		
Humming Bird Mine		Permi	t Action:	04-2022		Permit/Job#:	M2017035
PROJECT IDENTIFI	ICATION						
Task #: 01B		State:	Colorado			Abbreviation:	None
Date: 5/6/2022			Mesa			Filename:	M035-01b
User: ACY		Junty.	IVIC5a			i ilename.	W1033 010
Agency or organ	nization nama	: DRM	10				
HOURLY EQUIPME		. DKW	13				
Basic Machine:	Cat 307D 7	'-3" Stick			Horsepow	er.	56
Attachment 1:	ROPS Cab	3 Buck	·		Weight (M'		7.23
Attachment 1.	ROLD Cab				Shift Bas	· —	er day
					Data Sour		CRG)
Cost Breakdown:							
				Utilization %			
Ownership Cost/H		\$27.97		NA			
Operating Cost/H		\$20.94		100			
Operator Cost/H		\$46.87		NA			
Total Unit Cost/F	Hour:	\$95.78					
Total Fleet Cost/l	Hour:	\$95.78	3				
MATERIAL QUANT						_	
	20		CCY	Swell fac	tor: 1.000	0	
Loose volume: 22	20		LCY				
Source o	of estimated v	olume:	Rec Plan	ı #19			
	timated swell	_	Cat Hand				
HOUDI W DDODUGA	TON!	_					
HOURLY PRODUCT	<u>HON</u>						
	11 1 .						
Excavator Cycle Time (lo	ad bucket, sv	ving loade	ed, dump l	bucket, swing em	<u>ipty):</u>		
Excavator Cycle Time (lo	oad bucket, sw	•	-	bucket, swing em Condition Descrip	- •	VERE	
Excavator Cycle Time (lo		В	asic Job C		otion: SE	VERE VERE	
Excavator Cycle Time (lo		В	asic Job C	Condition Descrip	otion: SEV	VERE	minutes
Excavator Cycle Time (lo Load Bucket Capacity		В	asic Job C	Condition Descrip	otion: SEV	VERE	minutes
		В	asic Job C	Condition Descrip	otion: SEV	VERE 25	minutes
Load Bucket Capacity	Secondary	B Job Cond	asic Job (Condition Descrip nin Basic Descrip Cycle Time V	otion: SEV	VERE 25	
Load Bucket Capacity Rated Capacity	Secondary	B Job Cond	asic Job O dition with	Condition Descrip nin Basic Descrip Cycle Time V caped)	otion: SEVotion: SEVotion: O.32 Bucket S	VERE 25 ize Class: Me	
<u>Load Bucket Capacity</u> Rated Capacity Bucket Fill Factor	Secondary : 0.4 : 1.02	B Job Cond	asic Job C dition with LCY (he Rock - E	Condition Descrip nin Basic Descrip Cycle Time V	otion: SEVotion: SEVotion: O.32 Bucket S	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity	Secondary : 0.4 : 1.02 : 0.4	B Job Cond	asic Job O dition with	Condition Descrip nin Basic Descrip Cycle Time V (apped) (arth Mixture (10)	otion: SEVotion: SEVotion: O.32 Bucket S	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity	Secondary : 0.4 : 1.02 : 0.4	B Job Cond	asic Job C dition with LCY (he Rock - E LCY	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10)	btion: SEV btion: SEV falue: 0.32 Bucket Si 0%-105%)	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction	Secondary : 0.4 : 1.02 : 0.4 Factors	B Job Cond	asic Job C dition with LCY (he Rock - E LCY	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10)	btion: SEV btion: SEV falue: 0.32 Bucket Si 0%-105%)	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj:	Secondary :	B Job Cond	asic Job C dition with LCY (he Rock - E LCY Source (CAT H	Condition Descripnin Basic Descrip Cycle Time V caped) Carth Mixture (10) Site	btion: SEV btion: SEV falue: 0.32 Bucket Si 0%-105%)	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency:	Secondary :	B Job Cond	asic Job (dition with LCY (he Rock - E LCY) Source (CAT H (1 shift/d)	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10) Site B ay)	btion: SEV btion: SEV falue: 0.32 Bucket Si 0%-105%)	VERE 25 ize Class: Me	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	Secondary :	B Job Cond	asic Job C dition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie	Condition Description Basic Description Cycle Time V Eaped) Earth Mixture (10) Site B) ay) r	otion: SEV otion: SEV falue: 0.33 Bucket Si 0%-105%) 1 e Altitude: $\underline{\epsilon}$	VERE 25 ize Class: Me 1.025 5100 feet	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una	Secondary :	B Job Cond 0 25 1 ly Unit Pr	asic Job C dition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie	Condition Descripnin Basic Descrip Cycle Time V caped) Carth Mixture (10) Site B) ay) r	btion: SEY of the second secon	VERE 25 ize Class: Me 1.025 5100 feet	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una A	Secondary :	B Job Cond 0 25 1 ly Unit Pr	asic Job Cdition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10 Site B) ay) r 75.69 56.54	btion: SEV ption: SEV ption: SEV alue: 0.32 Bucket Si 0%-105%) 1 e Altitude: 6 LCY/H LCY/H	vere vere vere vere vere vere vere vere	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una A	Secondary :	B Job Cond 0 25 1 ly Unit Pr	asic Job Cdition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10 Site B) ay) r 75.69 56.54	btion: SEY of the second secon	vere vere vere vere vere vere vere vere	
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una A	Secondary : 0.4 : 1.02 : 0.4 Factors 0.90 0.83 0.75 djusted Hourdjusted Hourldjusted Hourldjus	B Job Cond 0 25 1 ly Unit Pr	asic Job Cdition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10 Site B) ay) r 75.69 56.54	btion: SEV ption: SEV ption: SEV alue: 0.32 Bucket Si 0%-105%) 1 e Altitude: 6 LCY/H LCY/H	vere vere vere vere vere vere vere vere	
Rated Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una Ac Ac JOB TIME AND COS	Secondary : 0.4 : 1.02 : 0.4 Factors 0.90 0.83 0.75 djusted Hourdjusted Hourdjusted Hourldjusted Hourldjust	B Job Cond 0 25 1 ly Unit Pr ly Unit Pr y Fleet Pr	asic Job C dition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie roduction: roduction:	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10) Site B) ay) r 75.69 56.54 56.54	btion: SEV ption: SEV ption: SEV alue: 0.32 Bucket Si 0%-105%) 1 e Altitude: 6 LCY/H LCY/H	vere vere vere vere vere vere vere vere	edium
Load Bucket Capacity Rated Capacity Bucket Fill Factor Adjusted Capacity Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Una Ac	Secondary : 0.4 : 1.02 : 0.4 Factors 0.90 0.83 0.75 djusted Hourdjusted Hourdjusted Hourldjusted Hourldjust	B Job Cond 0 25 1 ly Unit Pr	asic Job C dition with LCY (he Rock - E LCY Source (CAT H (1 shift/d multiplie roduction: roduction:	Condition Descrip nin Basic Descrip Cycle Time V caped) Carth Mixture (10 Site B) ay) r 75.69 56.54	btion: SEV ption: SEV ption: SEV alue: 0.32 Bucket Si 0%-105%) 1 e Altitude: 6 LCY/H LCY/H	vere vere vere vere vere vere vere vere	

Task description:	Ridgetop Project-	Place Soil	[
Humming Bird Mine	Pern	nit Action:	04-2022	Per	mit/Job#:	M2017035
PROJECT IDENTIF	<u>ICATION</u>					
Task #: 01C	State:	Colorado		Abbre	viation:	None
Date: 5/6/2022	County:	Mesa			lename:	M035-01c
User: ACY		1,1000			_	111000 010
Agency or organ	nization name: DR	MS				
HOURLY EQUIPME	ENT COST					
Basic Machine:	Cat 307D 7'-3" Stic	k		Horsepower:		56
Attachment 1:	ROPS Cab		7	Weight (MT):	7	.23
				Shift Basis:	1 pe	er day
				Data Source: _	(C	RG)
Cost Breakdown:		1	*****			
O1-1 O	(Ioum #07.0	7	Utilization %			
Ownership Cost/l			NA 100	_		
Operating Cost/l			100 NA	_		
Operator Cost/l			NA			
Total Unit Cost/l	Hour: \$95.7	8				
Total Fleet Cost/	Hour: \$95.7	78				
MATERIAL QUANT			<u>.</u>			
	05	CCY	Swell factor	or: 1.000		
Loose volume: 2	05	LCY				
Source of	of estimated volume:	Rec Plan	n #19			
Source of es	timated swell factor:	Cat Han	dbook			
HOURLY PRODUCT	ΓΙΟΝ					
Excavator Cycle Time (lo		led dumn	hucket swingemn	atv):		
Executator Cycle Time (10	•	-	• •			
			Condition Description			
	Secondary Job Con	namon wit	Cycle Time Va			minutes
Load Bucket Capacity			Cycle Time va	iue. 0.323		minutes
Loud Bucket Capacity				Bucket Size Cl	ossi Mo	dina
Data d Cama sita	0.40	LCV (b.	1)	Bucket Size Ci	ass: Nie	dium
Rated Capacity Bucket Fill Factor		LCY (he	eapea) rock/dirt mixtures	(100-120%) 1.1	100	
Adjusted Capacity		LCY	rock/dirt illixtures	(100-120%) 1.1	100	
Job Condition Correction		_ LC1	Site	Altitude: <u>6100</u> fe	eet .	
Condition Concetton		C				
Altitude Adj:	0.90	Source (CAT H				
Job Efficiency:	0.83	(1 shift/d				
Net Correction:	0.75	multiplie				
_		1				
	adjusted Hourly Unit I			LCY/Hour		
	Adjusted Hourly Unit I			LCY/Hour		
	djusted Hourly Fleet I	roduction	60.68	LCY/Hour		
JOB TIME AND CO	<u>ST</u>					
Fleet size:	Excavato	r T	Total job time:	3.38		Hours
Unit cost: 61	570 / CV		Total ich cost	¢224		
Unit cost: \$1.5	579 /LCY		Total job cost:	\$324		

DEMOLITION WORK

r ask description	n: Kiug	Ridgetop Project-Remove Safety Fence				
Site: Humming Bi	mming Bird Mine Permit Action: 04-2022		22	Pe	M2017035	
PROJECT IDENTII	FICATION					
Task #: 01D Date: 5/6/2022 User: ACY Agency		State: Colorado punty: Mesa me: DRMS		Abbreviat Filena		ne 35-01d
UNIT COSTS				Location	adjustmen	nt: 90.70 %
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Safety Fence 1	340 LF	Fencing, barbed wire, - 3 strand	340.00	LF	\$1.65	\$561.00
Dump Fees	5 CY	Dump fees - Building construction materials.	5.00	CY	\$11.10	\$55.50

Subtotal (unadjusted): \$616.50

Job Hours: 8.00

Total Cost

(adjusted for location): \$559.17

REVEGETATION WORK

Task description:		op Project-Reveg			o#: M2017035
te: Humming Bird Mine Permit Action: 04-2022				Fermit/Jou	m. <u>W1201703</u> .
PROJECT IDENTI	FICATION				
Task #: 01E	State:	Colorado		Abbreviation:	None
Date: 5/6/2022	County:	Mesa		Filename:	M035-01e
User: ACY					
Agency or org	ganization name: DF	RMS			
ERTILIZING					
Materials					
Tateriais		Units /			
Description		Acre	Unit	Cost / Unit	Cost /Acre
				\$	\$
				Total Fertilizer	
				Materials	
				Cost/Acre	
pplication					
Description					Cost /Acre
					\$
		Tota	al Fertilizer A	Application Cost/Acre	\$0.00
<u> TILLING</u>					
Description					Cost /Acre
Hand raking (MEA)	NS 32 91 13.23 0250)				\$1,546.38

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Paloma	3.70	11.98	\$41.16
Galleta	4.38	15.99	\$97.89
Western Wheatgrass - Arriba	5.52	13.94	\$35.88
Needle and Thread	6.06	16.00	\$253.61
Globemallow, Scarlet (or copper)	0.50	5.66	\$67.75
Basin Wildrye - Trailhead	6.06	24.62	\$93.38
Totals Seed Mix	26.22	88.19	\$589.68

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
Straw, delivered {MEANS 31 25 14.16 1200}	0.50	TON	\$307.02	\$153.51
Total Mulch Materials Cost/Acre				\$153.51

Application

Description		Cost /Acre
Hand spread, 1" deep (MEANS 32 91 13.16 0200)		\$3,630.00
	Total Mulch Application Cost/Acre	\$3,630.00

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: 0.12 Cost / Acre: \$6,186.79

Estimated Failure Rate: 30% Cost /Acre*: \$6,186.79

*Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: \$742.41

Reseeding Job Cost: \$222.72

Total Job Cost: Job Hours: \$8.00

Task description:	Connector Proje	ect-Grade F	Rock Material			
Humming Bird Mi	ne Per	rmit Action:	04-2022	Pe	rmit/Job#:	M2017035
PROJECT IDENT	IFICATION					
Task #: 02A	State:	Colorado		Λhhr	eviation:	None
Date: $\frac{62A}{5/6/2022}$		Mesa	<u> </u>		ilename:	M035-02a
User: ACY	County.	IVICSA			nename.	W1033-02a
	ganization name: Dl	RMS				
HOURLY EQUIPM						
Basic Machine:	<u> </u>	ick		Horsepower:		56
Attachment 1:		ick	•	Weight (MT):		7.23
Tittaeimient 1.	Horb Cuc			Shift Basis:		er day
				Data Source:		CRG)
Cost Breakdown:						
			Utilization %			
Ownership Cos			NA	<u> </u>		
Operating Cos			100			
Operator Cos			NA	_		
Total Unit Cos	st/Hour: \$95.	.78				
Total Fleet Co	ost/Hour: \$95	.78				
MATERIAL QUAN	NTITIES					
Initial volume:	125	CCY	Swell fact	or: 1.000		
Loose volume:	125	LCY				
Source	e of estimated volume:	Rec Plan	n #19			
	estimated swell factor:					
	CTION					
HOURLY PRODU						
Excavator Cycle Time	(load bucket, swing loa	aded, dump	bucket, swing emp	oty):		
		Basic Job	Condition Descript	ion: SEVER	Е	
	Secondary Job C	ondition wit	hin Basic Descript	ion: SEVER	Е	
			Cycle Time Va	lue: 0.325		minutes
Load Bucket Capacity						
				Bucket Size C	lass: Me	edium
Rated Capac		_ LCY (he	± '	w/ 1050/\ 1 635		
Bucket Fill Fac		Rock - I	Earth Mixture (100	1%-105%) 1.025		
Adjusted Capac		LC1			_	
Job Condition Correcti	on Factors		Site	Altitude: <u>6100</u>	feet	
		Sourc				
Altitude Adj:		(CAT H				
Job Efficiency:		(1 shift/d				
Net Correction:	0.75	multiplie				
J	Inadjusted Hourly Unit			LCY/Hour		
	Adjusted Hourly Unit			LCY/Hour		
	Adjusted Hourly Fleet	Production	56.54	LCY/Hour		
JOB TIME AND C	<u>OST</u>					
Fleet size:	1 Excavat	tor T	Γotal job time:	2.21		Hours
		•	, j			
Unit cost: \$	51.694 /LCY		Total job cost:	\$212	<u>!</u>	

Task description:	Connector 1	Project-Gra	de Soil Material		
Humming Bird Mine	2	Permit Act	tion: <u>04-2022</u>	Per	mit/Job#: <u>M2017033</u>
PROJECT IDENTIF	<u> ICATION</u>				
Task #: 02B		ate: Colo	rado	Abbre	eviation: None
Date: $\frac{62B}{5/6/2022}$	Cou				lename: M035-02b
User: $\frac{37672022}{ACY}$		11ty	<u>.</u>		141033 020
Agency or orga	nization name	DRMS			
HOURLY EQUIPMI		Divis			
Basic Machine:	Cat 307D 7'-3	R" Stick		Horsepower:	56
Attachment 1:	ROPS Cab	Buck		Weight (MT):	7.23
7 tttachinent 1.	KOI 5 Cab			Shift Basis:	1 per day
				Data Source:	(CRG)
Cost Breakdown:					
	~~		Utilization %		
Ownership Cost/		\$27.97	NA		
Operating Cost/		\$20.94	100		
Operator Cost/		\$46.87	NA		
Total Unit Cost/	Hour:	\$95.78	<u></u>		
Total Fleet Cost	/Hour:	\$95.78			
MATERIAL QUANT			v c 11.0	1.000	
	75	CC		etor: 1.000	
Loose volume:	75	LC	Υ		
Source	of estimated vol	ume: Rec	Plan #19		
	stimated swell fa		Handbook		
HUIDI A DDUDIO	TION				
HOURLY PRODUC					
Excavator Cycle Time (1	oad bucket, swii	ng loaded, di	ump bucket, swing en	npty):	
		Basic	Job Condition Descrip	ption: SEVERE	
	Secondary J	ob Condition	n within Basic Descrip		
			Cycle Time V	Value: 0.325	minutes
Load Bucket Capacity					
				Bucket Size Cl	ass: Medium
Rated Capacit	y: 0.40	LC	Y (heaped)		
Bucket Fill Facto	•		er - rock/dirt mixtures	s (100-120%) 1.	100
Adjusted Capacit		LC		(:: -==,,, 2.	
Job Condition Correction				te Altitude: <u>6100</u> f	eet
		C	ource	_	
Altitude Adj:	0.90		AT HB)		
Job Efficiency:	0.83		nift/day)		
Net Correction:	0.75		tiplier		
-			-		
	adjusted Hourly			LCY/Hour	
	Adjusted Hourly			LCY/Hour	
A	Adjusted Hourly	Fleet Produc	etion: 60.68	LCY/Hour	
JOB TIME AND CO	<u>ST</u>				
Fleet size:	1 Exc	cavator	Total job time:	1.24	Hours
			v	-	
Unit cost: \$1.	.579 /LCY	<i>l</i>	Total job cost	:\$118	

REVEGETATION WORK

Task desc	eription:	Connector Project	-Reveg			
Humm	ing Bird Mine	Permit Action: 04-2022		Permit/Job	Permit/Job#: <u>M2017035</u>	
ROJEC'	T IDENTIFIC	ATION				
Task # Date			Colorado Mesa		_ Abbreviation: _ Filename:	None M035-02c
User			.1000		_	111000 020
A	Agency or organiz	zation name:DRM	S			
<u>ERTILI</u>	IZING					
Descrip	ption		Units / Acre	Unit	Cost / Unit	Cost /Acre
					\$	\$
					Total Fertilizer Materials Cost/Acre	\$0.00
pplicatio	n					
Descrip	ption					Cost /Acre
						\$
			Total	Fertilizer A	application Cost/Acre	\$0.00
ILLING						
Descrip						Cost /Acre
Descrip		2 91 13.23 0250)				\$1,546.38

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Paloma	3.70	11.98	\$41.16
Galleta	4.38	15.99	\$97.89
Western Wheatgrass - Arriba	5.52	13.94	\$35.88
Needle and Thread	6.06	16.00	\$253.61
Globemallow, Scarlet (or copper)	0.50	5.66	\$67.75
Basin Wildrye - Trailhead	6.06	24.62	\$93.38
Totals Seed Mix	26.22	88.19	\$589.68

Application

\$1,546.38

Total Tilling Cost/Acre

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	0.50	TON	\$307.02	\$153.51
Total Mulch Materials Cost/Acre				\$153.51

Application

Description		Cost /Acre
Hand spread, 1" deep (MEANS 32 91 13.16 0200)		\$3,630.00
	Total Mulch Application Cost/Acre	\$3,630.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

Cost /Acre: \$6,186.79 Cost /Acre*: \$6,186.79 No. of Acres: 0.05

Estimated Failure Rate: 30%

*Selected Replanting Work Items: TILLING, SEEDING, MULCHING

Initial Job Cost: \$309.34 Reseeding Job Cost: \$92.80 Total Job Cost: \$402 Job Hours: 1.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Initial Mobilization	1		
Site: Humming Bird Mine	Permi	it Action: <u>04-2022</u>	Pern	nit/Job#: <u>M2017035</u>
PROJECT IDENTIFICA	<u>ATION</u>			
Task #: 10A	State: 0	Colorado	Abbreviat	ion: None
Date: 5/6/2022	County: N	Mesa	Filena	me: M035-10a
User: ACY				
Agency or organiz	ation name: DRM	S		
	ODT DIC COST			
EQUIPMENT TRANSP	OKI KIG COSI			
			Shift basis:	1 per day
			Cost Data Source:	CRG Data
Truck Tractor I	Description: GEN	ERIC ON-HIGHWA	AY TRUCK TRACTOR.	6X4, DIESEL POWERED,
	F		400 HP (2ND HALF, 200	
Truck Trailer I	Description:	GENERIC FOLDIN	G GOOSENECK, DROP	DECK EQUIPMENT
		TR	AILER (25T, 50T, AND 1	(T00T)
Cost Breakdown:				
		T		
Available Rig Capacities		26-50 Tons	51+ Tons	
Ownership Cost/Hou		\$37.94	\$47.67	
Operating Cost/Hou		\$50.48	\$56.21	
Operator Cost/Hou	·	\$20.54	\$20.54	
Helper Cost/Hou	ır: \$0.00	\$23.53	\$23.53	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$68.37

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat 307D 7'-3" Stick	7.95	\$27.97	\$68.37	1	\$96.34	\$68.37	\$250.00

\$147.95

\$132.49

Subtotals: \$96.34 \$68.37 \$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, 15K GVW	\$79.08	1	\$79.08	\$79.08

Subtotals: **\$79.08 \$79.08**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.33	0.33
Return Time (Hours):	0.33	0.33
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.67	0.67

JOB TIME AND COST

Total job cost: 3.33 Hours

Total job cost: \$855

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Secondary Mobiliz	zation		
Site: Humming Bird Mine	Perm	it Action: <u>04-2022</u>	Per	mit/Job#: <u>M2017035</u>
PROJECT IDENTIFIC	CATION			
Task #: 10B	State:	Colorado	Abbrevia	ation: None
Date: 5/6/2022	County:	Mesa	Filer	name: M035-10b
User: ACY				
Agency or organi	zation name: DRM	IS		
EQUIPMENT TRANS	PORT RIG COST			
			Shift basis	: 1 per day
			Cost Data Source	
Truck Tractor	Description: GEN	EDIC ON LICHW	A V TDIICK TD A CTOD	, 6X4, DIESEL POWERED,
Truck Tractor	Description. GEN		400 HP (2ND HALF, 20	
Truck Trailer	Description:		G GOOSENECK, DRO	/
			AILER (25T, 50T, AND	~
Cost Breakdown:				_
Available Rig Capacities		26-50 Tons	51+ Tons	
Ownership Cost/Ho		\$37.94	\$47.67	
Operating Cost/Ho		\$50.48	\$56.21	
Operator Cost/Ho		\$20.54	\$20.54	
Helper Cost/Ho	our: \$0.00	\$23.53	\$23.53	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$68.37

Machine Weight/ Description Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
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\$147.95

\$132.49

Subtotals: \$0.00 \$0.00 \$0.00

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	\$79.08	1	\$79.08	\$79.08

Subtotals: **\$79.08 \$79.08**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.33	0.33
Return Time (Hours):	0.33	0.33
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.67	0.67

JOB TIME AND COST

Total job time:	0.67	Hours
Total job cost:	\$53	