COST SUMMARY WORK

1	Cask description: Cost Summary of Reclar				
Site:	9 to 5 Permit Action	on: New App		Permit/Job#	t: M2022029
PI	ROJECT IDENTIFICATION				
	Task#: 000 State: Colora	do	I	Abbreviation:	None
	Date: 1/13/2023 County: Teller			Filename:	M029-000
	User: <u>ERR</u>				
	Agency or organization name: DRMS				
<u>T</u> /	ASK LIST (DIRECT COSTS)				
Fask		Form	Fleet	Task	
	Description	Used	Size	Hours	Cost
001	Earthwork (Backfill, Topsoil Replacement, Mino Grading)	r LOADER	1	2.90	\$254
002	Revegetate the Site	REVEGE	1	2.00	\$164
003	Mob/Demob	MOBILIZE	1	4.13	\$1,061
		SUB	FOTALS :	9.03	\$1.479
IN	DIRECT COSTS	<u>SUB'</u>	<u>FOTALS:</u>	9.03	\$1,479
	DIRECT COSTS VERHEAD AND PROFIT:	<u>SUB'</u>	<u>FOTALS:</u>	9.03	\$1,479
		<u>SUB'</u>	<u>FOTALS:</u>	9.03 Total = \$30	
	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05	<u>SUB'</u>	<u>FOTALS:</u>	$Total = \frac{\$30}{Total} = \frac{\$30}{\$10}$)
	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00	<u>SUB'</u>	<u>FOTALS:</u>	$Total = \frac{\$30}{$100}$ $Total = \frac{\$100}{$100}$ $Total = \frac{\$000}{$100}$)
	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05	<u>SUB'</u>		$Total = \frac{$30}{$100}$ $Total = \frac{$100}{$100}$ $Total = \frac{$100}{$100}$) 5 48
	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00	<u>SUB'</u>	TOTA	$Total = \frac{$36}{516}$ $Total = \frac{$16}{50}$ $Total = \frac{$16}{516}$ $LO \& P = \frac{$12}{516}$) 5 48
<u>07</u>	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00	NTRACT AMOUI	TOTA	$Total = \frac{$30}{$100000000000000000000000000000000000$) 5 48 93
<u>01</u>	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00 COL COL COL COL COL COL COL COL COL COL	NTRACT AMOUI NT:): <u>\$0</u> n: 0.00	TOTA	$Total = \frac{\$30}{Total} = \frac{\$10}{\$10}$ $Total = \frac{\$10}{\$10}$ $Total = \frac{\$10}{\$10}$ $O \& P = \frac{\$11}{\$10}$ $Total = \frac{\$0}{Total} = \frac{\$0}{\$0}$) 5 48 93 672
<u>01</u>	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00 COL COL COL COL COL COL COL COL COL COL	NTRACT AMOUI NT:): <u>\$0</u> n: 0.00	TOTA	$Total = \frac{$30}{Total} = \frac{$10}{$10}$ $Total = \frac{$10}{$10}$ $Total = \frac{$12}{$10}$ $LO \& P = \frac{$19}{$10}$ $O \& P) = \frac{$11}{$10}$ $Total = \frac{$0}{$10}$) 5 48 93 672
<u>01</u>	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00 COL COL COL COL COL COL COL COL COL COL	NTRACT AMOUI NT:): <u>\$0</u> n: 0.00 n: 5.00	TOTA	$Total = \frac{\$30}{Total} = \frac{\$10}{\$10}$ $Total = \frac{\$10}{\$10}$ $Total = \frac{\$10}{\$10}$ $O \& P = \frac{\$11}{\$10}$ $Total = \frac{\$0}{Total} = \frac{\$0}{\$0}$) 5 48 03 672 4
<u>07</u>	VERHEAD AND PROFIT: Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 0.00 Profit: 10.00 COL CGAL - ENGINEERING - PROJECT MANAGEME Financial warranty processing (legal/related costs Engineering work and/or contract/bid preparation Reclamation management and/or administration	NTRACT AMOUI NT:): <u>\$0</u> n: 0.00 n: 5.00 <i>X</i> : 3.00	TOTA	$Total = \frac{$36}{$160}$ $Total = \frac{$160}{$100}$ $Total = \frac{$120}{$100}$ $D \& P = \frac{$120}{$100}$ $D \& P = \frac{$120}{$100}$ $Total = \frac{$00}{$500}$ $Total = \frac{$00}{$500}$ $Total = \frac{$420}{$500}$) 5 18 93 672 4 4

WHEEL LOADER - LOAD AND CARRY WORK

9 to 5		Permit	Action:	New App)	Permit/	Job#:	M2022029
PROJECT IDENT	FICATI	ON						
Task#: 001			Colorado			Abbrevia	tion	None
Date: $1/12/202$	23		Feller			Filen	-	M029-001
User: ERR						1 11011		101029 001
Agencyoror	ganization	name: DRM	S					
HOURLY EQUIPM	MENT CO	<u>DST</u>						
Basic Machine					Horse	epower:		73
Attachment 1						ft Basis:	1 p	er day
						Source:		CRG)
Cost Breakdown:								
COST DICARGO WIL.			1	Utilizatio	n %			
Ownership Co	st/Hour:	\$24.85		NA	11 /0			
Operating Co		\$22.12		100				
Operator Co		\$40.71		NA				
Total Unit Cos	st/Hour:	\$87.68						
Total Fleet Co	st/Hour:	\$87.68						
1000011000000		<i>Q</i> 0100						
	e of estimation	72 ated volume: swell factor:	LCY Applicat Cat Hand		5' x 7' + 4 C	CY Topsoil, ro	unded	to 50CY
HOURLY PRODU	CTION							
Loader Cycle Time:	Unad	justed Basic Cy	cle Time	(load, dum	p, maneuver): <u>0.42</u>	25	minutes
Cycle Time Fac						Factor (mi	n.)	Source
		ixed material 0.				0.020		(Cat HB)
Stock		umped by truck						
T 1- O	-1 NT				0.00	0.020		(Cat HB)
Truck Owner		o adjustment - f	actornot		0.00	0.020 0.000		(Cat HB) (Cat HB)
Opera	tion: In	o adjustment - f consistent oper	actornot		0.00	0.020 0.000 0.040		(Cat HB) (Cat HB) (Cat HB)
	tion: In	o adjustment - f	actor not ation 0.04			0.020 0.000 0.040 0.040		(Cat HB) (Cat HB)
Opera	tion: In	o adjustment - f consistent oper	actor not ation 0.04 Net Cyc		djustment:	0.020 0.000 0.040		(Cat HB) (Cat HB) (Cat HB) (Cat HB)
Opera	ition: In irget: Sr	o adjustment - f consistent oper nall target 0.04	actor not ation 0.04 Net Cyc	cle Time A	djustment:	0.020 0.000 0.040 0.040 0.120		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Opera Dump Ta <u>Rolling Resistance – I</u>	tion: In rget: Sr Road Cond	adjustment-f consistent oper nall target 0.04 itions	actor not ation 0.04 Net Cyo Adjus	cle Time A ted Basic C	djustment: ycle Time:	$\begin{array}{c} 0.020 \\ 0.000 \\ 0.040 \\ 0.040 \\ 0.120 \\ 0.545 \end{array}$		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Opera Dump Ta	tion: In rget: Sr Road Cond	adjustment-f consistent oper nall target 0.04 <u>itions</u> ed dirt, little ma	actor not ation 0.04 Net Cyo Adjus	cle Time A ted Basic C e, no water,	djustment: ycle Time: 2" tire pene	0.020 0.000 0.040 0.040 0.120 0.545 tration 5.0		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Opera Dump Ta <u>Rolling Resistance – I</u> Ha Retu	tion: In rget: Sr Road Cond nul: Rutt rn: Rutt	o adjustment - f consistent oper nall target 0.04 itions	actor not ation 0.04 Net Cyo Adjus	cle Time A ted Basic C e, no water,	djustment: ycle Time: 2" tire pene	0.020 0.000 0.040 0.040 0.120 0.545 tration 5.0		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Opera Dump Ta <u>Rolling Resistance – I</u> Ha	tion: In rget: Sr Road Cond rul: Rutt rn: Rutt	adjustment-f consistent oper nall target 0.04 <u>itions</u> ed dirt, little ma ed dirt, little ma	actor not ation 0.04 Net Cyo Adjus intenanco	cle Time A ted Basic C e, no water, e, no water,	djustment: ycle Time: 2" tire pene 2" tire pene	0.020 0.000 0.040 0.040 0.120 0.545 tration 5.0 tration 5.0		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Opera Dump Ta <u>Rolling Resistance – I</u> Ha Retu	tion: In rget: Sr Road Cond tul: Rutt rn: Rutt Length	adjustment - f consistent oper nall target 0.04 <u>itions</u> ed dirt, little ma ed dirt, little ma	actor not ation 0.04 Net Cyo Adjus intenanco	cle Time A ted Basic C e, no water, e, no water, Rolling	djustment: ycle Time: 2" tire pene 2" tire pene Total Res	0.020 0.000 0.040 0.120 0.545 tration 5.0 tration 5.0		(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes
Opera Dump Ta <u>Rolling Resistance – I</u> Ha Retu <u>Haul and Return Time</u>	tion: In rget: Sr Road Cond tul: Rutt rn: Rutt Length (feet)	adjustment - f consistent oper nall target 0.04 <u>itions</u> ed dirt, little ma ed dirt, little ma Grade Ra (%)	actor not ation 0.04 Net Cyo Adjus intenanco	cle Time A ted Basic C e, no water, e, no water, Rolling ces. (%)	djustment: ycle Time: 2" tire pene 2" tire pene Total Res (%)	0.020 0.000 0.040 0.120 0.545 tration 5.0 tration 5.0	es)	(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes
Opera Dump Ta <u>Rolling Resistance – I</u> Ha Retu	tion: In rget: Sr Road Cond tul: Rutt rn: Rutt Length	adjustment - f consistent oper nall target 0.04 <u>itions</u> ed dirt, little ma ed dirt, little ma	actor not ation 0.04 Net Cyo Adjus intenanco	cle Time A ted Basic C e, no water, e, no water, Rolling	djustment: ycle Time: 2" tire pene 2" tire pene Total Res	0.020 0.000 0.040 0.120 0.545 tration 5.0 tration 5.0	es) 2	(Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes

		Total Travel T Total Cycle T		minutes minutes
Load Bucket Capacity				
Rated Capacity Bucket Fill Factor Adjusted Capacity	: 1.100	LCY (heaped) Other - rock/dirt mixtures LCY	(100-120%) 1.100	
<u>Job Condition Correction</u> Site Altitude: <u>8660</u> feet	<u>1 Factors</u>			
Altitude Adj: Job Efficiency: Net Correction:	0.95 0.83 0.79	Source (CAT HB) (1 shift/day) multiplier		
A	djusted Hourly Unit Pr djusted Hourly Unit Pr ljusted Hourly Fleet Pr	roduction: 24.65	LCY/Hour LCY/Hour LCY/Hour	
JOB TIME AND COS	<u>ST</u>			
Fleet size: 1	Loader(s)	Total job time:	2.90	Hours
Unit cost: \$3.5	557 /LCY	Totaljob cost:	\$254	

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REVEGETATION WORK

	Revegetate the S	Ite			
	Per	mit Action:	New App	Permit/Job	o#: M2022029
DENTIFICA	ATION				
002 1/13/2023 ERR	State: County:	Colorado Teller		Abbreviation: Filename:	None M2029-002
(002 1/13/2023 ERR	DENTIFICATION 002 State: 1/13/2023 County:	DENTIFICATION002State:1/13/2023County:ERR	002 State: Colorado 1/13/2023 County: Teller ERR	DENTIFICATION 002 State: Colorado Abbreviation: 1/13/2023 County: Teller Filename: ERR ERR Filename: Filename:

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
Subsoil scarification, (MEANS 32 91 13.23 3100)		\$217.80
Total	I Tilling Cost/Acre	\$217.80

SEEDING

SeedMix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost/Acre
Arizona Fescue - Redondo	0.90	10.33	\$8.33
Blue Grama - Native	1.00	16.32	\$13.73
Mountain Brome - Bromar	10.00	16.07	\$38.00
Bottlebrush Squirreltail	0.90	3.97	\$14.60
Slender Wheatgrass - Native	5.50	20.08	\$25.44
Muttongrass	0.20	4.13	\$6.88
Western Wheatgrass - Native	1.60	4.04	\$9.60
Prairie Junegrass	0.10	5.32	\$2.60
Spike Muhly	0.30	11.02	\$2.91

Totals Seed Mix	20.50	91.27	\$122.08

Application

Description		Cost/Acre
Broadcast seeding [DMG]		\$267.22
То	tal 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
					\$
	\$0.00				

JOB TIME AND COST

No. of Acres:	0.2	Cost/Acre:	\$607.10
Estimated Failure Rate:	35%	Cost/Acre*:	\$607.10
*Selected Replanting Work Items:	TILLING,SEED	ING	
Initial Job Cost: \$121.42			
Reseeding Job Cost: \$42.50			
Total Job Cost: \$164			
Job Hours: 2.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

9 to 5		Permit A	Action: New	Арр	P	ermit/Job#: <u>M</u>	2022029
PROJECT IDE	NTIFICATI	ON					
Task#: 003 Date: 1/1 User: ER	3/2023		olorado Iller			viation: <u>None</u> lename: <u>M202</u>	9-003
Agency	ororganization	name: <u>DRMS</u>					
EQUIPMENT 1	IRANSPOR'	<u>Г RIG COST</u>					
				(Shift bas Cost Data Sour	is: <u>1 per da</u> ce: <u>CRG Da</u>	
Truck	x Tractor Desc	ription: GENER	RIC ON-HIGHV		UCK TRACTO 2 (2ND HALF, 1)R, 6X4, DIESEL 2006)	POWERED,
Truc	k Trailer Desci	ription: G		ING GOO		OP DECK EQUI	PMENT
<u>Cost Breakdown:</u>							
Available Rig C	apacities	0-25 Tons	26-50 Tons	51	+ Tons		
Ownership	o Cost/Hour:	\$15.25	\$23.06	\$	37.58		
	g Cost/Hour:	\$25.26	\$30.83	\$	51.41		
	r Cost/Hour:	\$27.71	\$27.71		27.71		
1	r Cost/Hour:	\$0.00	\$20.22		20.22		
Total Unit	t Cost/Hour:	\$68.22	\$101.82	\$1	136.92		
NON ROADAB	LE EQUIPN	<u>ÆNT:</u>					
	Weight/	Owner ship	Haul Rig	Fleet	HaulTrip Cost/hr/	Return Trip Cost/hr/fleet	DOT Permit
Machine Description	Unit (TONS)	Cost/hr/unit	Cost/hr/uni t	Size	fleet		Cost/ fleet
	Unit			Size		\$68.22	Cost/ fleet \$250.00

Subtotals: \$124.78 \$124.78

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	COLORADO SPRINGS	
Totalone-way travel distance:	53.00	miles
Average Travel Speed:	60.00	mph
Total Non-Roadable Mob/Demob Cost *	\$840.79	
Total Roadable Mob/Demob Cost **		-
** one round trip, no haul rig:	\$220.44	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.88	0.88
Return Time (Hours):	0.88	0.88
Loading Time (Hours):	0.15	NA
Unloading Time (Hours):	0.15	NA
Subtotals:	2.07	1.77

JOB TIME AND COST

Totaljob time: 4.13 Hours

Totaljob cost: **\$1,061**