COST SUMMARY WORK

]	Task description:	Cost Summary of Reclamat	tion Tasks				
Site:	London Mill Cobble	Permit Action:	2021 New Applie	cation	Permit/J	ob#:	M2020054
<u>P</u>]	ROJECT IDENTIFIC						
	Task #:000	State: Colorado			Abbreviation:		Ione
	Date: 1/14/2021	County: Park		_	Filename:	. <u>N</u>	1054-000
	User: ERR						
	Agency or organiz	zation name: DRMS					
<u>T</u> .	ASK LIST (DIRECT	COSTS)					
ask			Form	Fleet	Task		
	Description		Used	Size	Hours		Cost
01a	Load and Carry Tops		LOADER	1	17.81	_	\$1,547
01b	Grade Out Topsoil (ro	ough)	GRADER	1	3.35		\$349
02	Revegetate the Site		REVEGE	1	6.00		\$2,914
03	Mob/Demob		MOBILIZE	1	3.35	_	\$2,306
			<u>SUBTOT</u>	CALS:	30.5	51	\$7,116
	NDIRECT COSTS VERHEAD AND PROFI	<u>T:</u>					
	Liability insuran	nce: 2.02			Total =	\$144	
	Performance bo					\$75	
	Job superintende	ent: 8.00			Total =	\$556	
	Pro	ofit: 10.00			Total =	\$712	,
					_	\$1,48	
		CONT	RACT AMOUNT (direct +	O & P =	\$8,60)2
LI	EGAL - ENGINEERING	- PROJECT MANAGEMENT	`:				
		ocessing (legal/related costs):	\$0			\$0	
		d/or contract/bid preparation:	0.00			\$0	
	Reclamation manag	gement and/or administration:	5.00		_	\$430	1
		CONTINGENCY:	0.00		Total =	\$0	
			TOTAL INI	OIREC"	Γ COST = _	\$1,91	17
			TOTAL (d	irect + i	indirect) = _	\$9,03	33
		тот	TAL BOND AMOU	JNT (re	ounded) = _	\$9,00	00

WHEEL LOADER – LOAD AND CARRY WORK

Task #: 001A	Task description:	Load an	d Carry Topsoil	for Replacem	ent		
Task #: 001 A	: London Mill Cob	ble	Permit Action	on: 2021 Nev	v Application	Permit/Job#:	M2020054
Date: 1/14/2021 County: Park Filename: M054-001a	PROJECT IDEN	<u> </u>					
Date: I/14/2021 County: Park Filename: M054-001a	Task #: 001A		State: Colors	ado		Abbreviation:	None
DRMS		021					
HOURLY EQUIPMENT COST							
Basic Machiner CAT 924H ROPS Cab Shift Basis 1 per day Data Source (CRG)	Agency or	organization nam	ne: DRMS				_
Attachment 1:	HOURLY EQUI	MENT COST	<u> </u>				
Attachment 1: ROPS Cab Rolling Ropp Rolling Rolling	Basic Machin	e: CAT 924H			Horsepo	wer:	128
Data Source CRG				_			
Cost Breakdown:	1 10000011110110	11 11012 040		<u> </u>			
Ownership Cost/Hour: \$20.95 NA	Cook Decolodosses						
Ownership Cost/Hour: \$20.95 NA Operator Cost/Hour: \$25.17 100 Operator Cost/Hour: \$40.71 NA Total Unit Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 MATERIAL QUANTITIES Initial volume: 1,721 CCY Swell factor: 1.429 Source of estimated volume: Application: 4" on 3.2 acres Cat Handbook Cat Handbook HOURLY PRODUCTION Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.475 minutes Cycle Time Factor Factor (min.) Source Cycle Time Factor 0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: Noadjustment - factor not applicable 0.00 0.000 (Cat HB) </td <td>Cost Breakdown:</td> <td></td> <td></td> <td>Htilizatio</td> <td>on %</td> <td></td> <td></td>	Cost Breakdown:			Htilizatio	on %		
Operating Cost/Hour: \$25.17 100 Operator Cost/Hour: \$40.71 NA Total Unit Cost/Hour: \$86.82 Total Fleet Cost/Hour: \$86.82 MATERIAL QUANTITIES Initial volume: 1,721 CCY Swell factor: 1.429 Loose volume: 2,459 LCY Source of estimated volume: Application: 4" on 3.2 acres Cat Handbook HOURLY PRODUCTION Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.475 minutes Cycle Time Factors Factor (min.) Source Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 -0.020 (Cat HB) Truck Ownership: No adjustment -factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 Net Cycle Time Adjustment: Adjustment: -0.040 -0.040	Ownershin C	'ost/Hour	\$20.95)II /0		
Na							
Total Unit Cost/Hour: \$86.82							
MATERIAL QUANTITIES							
Initial volume: 1,721 CCY Swell factor: 1.429 LCY	Total Fleet	Cost/Hour:	\$86.82				
Initial volume: 1,721 CCY Swell factor: 1.429 LCY	MATERIAL OIL	ANITHTEC					
Loose volume: 2,459	•	MIIIES					
Application: 4" on 3.2 acres Source of estimated swell factor: Cat Handbook	Initial volume:	1,721			ell factor: 1.4	-29	
No adjusted size of estimated swell factor: Cat Handbook	Loose volume:	2,459	LCY	•			
Note Cat Handbook Cat Handbook Cat Handbook	Sou	rce of estimated	volume: Appl	lication: 4" on 3	3.2 acres		
Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.475 minutes Cycle Time Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return Haul and Return Time Return: Return Create Res. Rolling Res. Travel Time (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)							
Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.475 minutes Cycle Time Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return Haul and Return Time Return: Return: Travel Time (feet) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)							
Cycle Time Factors Material: Material 1/8" to 3/4" diameter -0.02 Factor (min.) Source Material: Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length Grade Res. Rolling Total Res. Travel Time Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	HOURLY PROD	<u>UCTION</u>					
Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length (feet) Grade Res. (Rolling Res. (%) Travel Time (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Loader Cycle Time:	Unadjust	ed Basic Cycle T	ime (load, dum	p, maneuver):	0.475	minutes
Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB) Stockpile: Dumped by truck 0.02 0.020 (Cat HB) Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Haul: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length (feet) Grade Res. (Rolling Res. (%) Travel Time (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Cycle Time I	Factors				Factor (min.)	Source
Stockpile: Dumped by truck 0.02 0.020 (Cat HB)			ial 1/8" to 3/4" di	iameter -0.02		· /	
Truck Ownership: No adjustment - factor not applicable 0.00 0.000 (Cat HB) Operation: Constant operation -0.04 -0.040 (Cat HB) Dump Target: Nominal target 0.00 0.000 (Cat HB) Net Cycle Time Adjustment: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance - Road Conditions Haul: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length Grade Res. Rolling Total Res. Travel Time (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)							, ,
Dump Target:Nominal target 0.00(Cat HB)Net Cycle Time Adjustment: Adjusted Basic Cycle Time:-0.040 0.435minutes minutesRolling Resistance – Road ConditionsHaul: Return:Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Rutted dirt, little maintenance, no water, 1" tire penetration 4.0Haul and Return TimeLength (feet)Grade Res. (%)Rolling Res. (%)Total Res. (%)Travel Time (minutes)SourceHaul Route:400-5.004.00-1.000.1690(Cat HB)				not applicable (0.00		
Net Cycle Time Adjustment:			ant operation -0.0)4			
Adjusted Basic Cycle Time: 0.435 minutes Rolling Resistance – Road Conditions Haul: Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length Grade Res. Rolling Total Res. Travel Time (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Dump '	Γarget: Nomir					
Rolling Resistance – Road Conditions Haul: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length Grade Res. Rolling Total Res. Travel Time (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)				•			
Haul: Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length Grade Res. Rolling Total Res. Travel Time (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)			Ad	djusted Basic C	ycle Time:	0.435	minutes
Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Rolling Resistance –	Road Condition	<u>S</u>				
Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0 Haul and Return Time Length (feet) (%) Res. (%) (%) (minutes) Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	H	Iaul: Rutted d	irt, little mainten	ance, no water,	1" tire penetrat	ion 4.0	
Length (feet) Grade Res. (%) Rolling Res. (%) Total Res. (%) Travel Time (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)							
Length (feet) Grade Res. (%) Rolling Res. (%) Total Res. (%) Travel Time (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Haul and Return Tin	 ne		·			
(feet) (%) Res. (%) (%) (minutes) Source Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)	Taur und Return IIII			D	m		I
Haul Route: 400 -5.00 4.00 -1.00 0.1690 (Cat HB)		_		-			Source
	II. 1D	` '					
Hottom Houtes (III) 4 III / 1 III / 1 III / 1 III	Return Route:	400	5.00	4.00	9.00	0.1690	(Cat HB)

Total Travel Time: 0.6048 minutes Total Cycle Time: 1.0398 minutes **Load Bucket Capacity** Rated Capacity: LCY (heaped) 2.70 Bucket Fill Factor: Other - rock/dirt mixtures (100-120%) 1.100 1.100 Adjusted Capacity: 2.97 LCY Job Condition Correction Factors Site Altitude: 10270 feet Source Altitude Adj: 0.97 (CAT HB) Job Efficiency: 0.83 (1 shift/day) Net Correction: 0.81 multiplier Unadjusted Hourly Unit Production: 171.37 LCY/Hour Adjusted Hourly Unit Production: 137.97 LCY/Hour Adjusted Hourly Fleet Production: 137.97 LCY/Hour JOB TIME AND COST Fleet size: 1 Loader(s) Total job time: 17.82 Hours

Total job cost: **\$1,547**

Unit cost: ____ \$0.629

/LCY

MOTOR GRADER WORK

	Grade Out Topsoil (rough)		
: London Mill Cobbl	Permit A	Action: 2021 New Ap	pplication Per	mit/Job#: <u>M2020054</u>
PROJECT IDENT	<u>IFICATION</u>			
Task #: 001B	State: Co	olorado	Abbre	viation: None
Date: 1/14/202	County: Pa	ırk	Fil	ename: M054-001b
User: ERR				
Agency or or	ganization name: <u>DRMS</u>			
HOURLY EQUIPM	MENT COST			
Basic Mach	ine: CAT 12M		Horsepower:	158
Ripper Attachme			Shift Basis:	1 per day
11			Data Source:	(CRG)
Cost Breakdown:				
Cost Breakdowii.			Utilization %	
Ow	nership Cost/Hour:	\$34.52	NA	
	perating Cost/Hour:	\$35.50	100	
	vnership Cost/Hour:	\$2.57	NA	
Ripper Op	perating Cost/Hour:	\$3.07	100	
C	Operator Cost/Hour:	\$28.56	NA	
То	tal Unit Cost/Hour:	\$104.20		
Tot	tal Fleet Cost/Hour:	\$104.20		
		<u> </u>		
MATERIAL QUAN	<u>NTITIES</u>			
Total Ar	ea to be graded or ripped:	3.20		acres
Sou	irce of estimated acreage:	Application		
HOURLY PRODU	<u>CTION</u>			
	Average Grader Speed	1.50	mnh	
	Selected Application		mph	
	beleeted rippiication	Finish	grading (0-2.5 mph	1) - 1.5
	Selected Blade Angle			1) - 1.5
	Selected Blade Angle Effective Blade Length	45 8.50	grading (0-2.5 mph degrees feet) - 1.5
	Selected Blade Angle Effective Blade Length th of blade overlap per pass	45 8.50 2.00	grading (0-2.5 mph degrees feet feet) - 1.5
Net gradin	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass	45 8.50 2.00 6.50	grading (0-2.5 mph degrees feet feet feet	
Net gradin	Selected Blade Angle Effective Blade Length th of blade overlap per pass	45 8.50 2.00 6.50	grading (0-2.5 mph degrees feet feet	
Net gradin	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production	45 8.50 2.00 6.50 1.1818	grading (0-2.5 mph degrees feet feet feet	r
Net gradin Unadjust Job Condition Correcti	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production on Factors	45 8.50 2.00 6.50 1.1818 Source	grading (0-2.5 mph degrees feet feet feet acres/hou	r
Net gradin Unadjust Job Condition Correcti Altitude Adj:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production on Factors 0.95	45 8.50 2.00 6.50 1.1818 Source CAT HB)	grading (0-2.5 mph degrees feet feet feet acres/hou	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production on Factors 0.95 (1)	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.)	grading (0-2.5 mph degrees feet feet feet acres/hou	r
Net gradin Unadjust Job Condition Correcti Altitude Adj:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production on Factors 0.95 (1)	45 8.50 2.00 6.50 1.1818 Source CAT HB)	grading (0-2.5 mph degrees feet feet feet acres/hou	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production ton Factors 0.95	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.) nultiplier duction: 0.9543	grading (0-2.5 mph degrees feet feet feet acres/hou	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production ton Factors 0.95	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.) nultiplier duction: 0.9543	grading (0-2.5 mph degrees feet feet feet acres/hou ite Altitude: 10270	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency: Net Correction:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production ton Factors O.95 O.85 O.8075 Adjusted Hourly Unit Prod Adjusted Hourly Fleet Prod Adjusted Hourly Fleet Prod	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.) nultiplier duction: 0.9543	grading (0-2.5 mph degrees feet feet feet acres/hou ite Altitude: 10270	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production ton Factors O.95 O.85 O.8075 Adjusted Hourly Unit Prod Adjusted Hourly Fleet Prod Adjusted Hourly Fleet Prod	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.) nultiplier duction: 0.9543	grading (0-2.5 mph degrees feet feet feet acres/hou ite Altitude: 10270	r
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency: Net Correction:	Selected Blade Angle Effective Blade Length th of blade overlap per pass ag or ripping width per pass ted Hourly Unit Production ton Factors O.95 O.85 O.8075 Adjusted Hourly Unit Prod Adjusted Hourly Fleet Prod Adjusted Hourly Fleet Prod	45 8.50 2.00 6.50 1.1818 Source CAT HB) sh/d, mod.) nultiplier duction: 0.9543	grading (0-2.5 mph degrees feet feet feet acres/hou ite Altitude: 10270 acres/Hour acres/Hour	r

REVEGETATION WORK

Task de	escrip	tion:	Revegetate the S	Site					
Lone	don N	Aill Cobble	Per	rmit Actio	on: 2021	New Applica	tion	Permit/Job#	: <u>M2020054</u>
PROJE	CT	IDENTIFICA	ATION						
Tasl		002	State:	Colorac	lo		Abb		None
	ate: ser:	1/14/2021 ERR	County:	Park				Filename:	M054-002
	Age	ncy or organization	ation name: DR	RMS					
ERTI	LIZI	<u>NG</u>							
/ Iateria	ls								
Desc	riptio	on			Units / Acre	Unit	Cost	t / Unit	Cost /Acre
							\$		\$
							Tota	al Fertilizer Materials Cost/Acre	\$0.00
Desc.		on							Cost /Acre
					Total	Fertilizer A _l	pplication	n Cost/Acre	\$0.00
<u> ILLIN</u>	<u>NG</u>								
Desc									Cost /Acre
Chise	el plo	wing {DMG}							\$94.63
						Tot	tal Tillin	g Cost/Acre	\$94.63
EEDI	NG								
Seed	Mix					I I	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre

Alpine Fescue

Nodding Brome

Lupine, Annual

Muttongrass

Red Top

Hard Fescue - Discovery

Sheep Fescue - Bighorn

Slender Wheatgrass - Native

Blue Wildrye - Arlington or Elkton

Aster, Azure

0.10	11.46	\$0.79

CIRCES Cost Estimating Software

14.92

2.88

6.03

6.23

6.49

0.73

7.81

5.11

10.33

\$9.05

\$8.04

\$11.66

\$21.25

\$1.46

\$35.98

\$2.20

\$6.48

\$17.20

0.50

0.10

1.75

2.50

0.50

1.00

0.50

1.40

0.50

Tufted Hairgrass	0.50	28.70	\$5.51
Yarrow, Western	0.10	6.08	\$4.18
Totals Seed Mix	9.45	106.75	\$123.79

Application

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
Straw, delivered {MEANS 31 25 14.16 1200}	1.00	TON	\$301.00	\$301.00
Total Mulch Materials Cost/Acre				\$301.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$70.17
	Total Mulch Application Cost/Acre	\$70.17

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres: 3.2 Cost /Acre: \$821.59 Estimated Failure Rate: 25%
Selected Replanting Work Items: SEEDING Cost /Acre: \$355.79

Initial Job Cost: **\$2,629.09** Reseeding Job Cost: \$284.63 Total Job Cost: \$2,914 Job Hours: 6.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

T	ask description:	Mob/Demo	b					
Site: London Mill Cobble		Permit Action:		Action:	2021 Ne	ew Application	Permit/Jo	b#: <u>M2020054</u>
PF	ROJECT IDENTIFIC	<u>ATION</u>						
	Task #: 003 Date: 1/14/2021 User: ERR	St Cour		olorado ırk			Abbreviation: Filename:	None M054-003
	Agency or organiz	zation name:	DRMS					
<u>E(</u>	<u>)UIPMENT TRANSI</u>					Cost Dat	a Source:	1 per day CRG Data
	Truck Tractor	Description:	GENE	RIC ON-		AY TRUCK TR 400 HP (2ND H		DIESEL POWERED,
	Truck Trailer	Description:	G	ENERIC	FOLDIN	,	K, DROP DEC	K EQUIPMENT
Co	st Breakdown:							
A	vailable Rig Capacities	0-25	Tons	26-50	Tons	51+ Tons		
	Ownership Cost/Ho	ur: \$17	.20	\$29	0.63	\$38.69		
	Operating Cost/Ho	ur: \$26	5.56	\$47	'.02	\$55.69		
	Operator Cost/Ho	ur: \$23	.63	\$23	3.63	\$23.63		

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

Helper Cost/Hour:

\$0.00

\$67.39

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 12M	16.01	\$37.09	\$67.39	1	\$104.48	\$67.39	\$250.00	
CAT 924H	12.69	\$20.95	\$67.39	1	\$88.34	\$67.39	\$250.00	
Drill/Broadcast	25.00	\$6.72	\$67.39	1	\$74.11	\$67.39	\$250.00	
Seeder with								
Tractor								

\$23.53

\$123.81

\$23.53

\$141.54

Subtotals: \$266.93 \$202.17 \$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
		Subtotals:	\$0.00	\$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

SILVERTHORNE

miles

45.00

mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.69	0.69
Return Time (Hours):	0.69	0.69
Loading Time (Hours):	0.15	NA
Unloading Time (Hours):	0.15	NA
Subtotals:	1.68	1.38

JOB TIME AND COST

Total job time:	3.36	Hours
Total job cost:	\$2,306	