COST SUMMARY WORK

T	ask description:	2024-03-05 Upd	ate				
ite: Ignacio Pit		Pe	Permit Action:		odate	Permit/Job	o#: <u>M1992054</u>
PF	ROJECT IDENTIFIC	<u>CATION</u>					
	Task #: 000	State:	Colorado		1	Abbreviation:	None
	Date: 3/5/2024	County:	La Plata			Filename:	M054-000
	User: DMC						
	Agency or organiz	zation name: DF	RMS				
<u>T</u> A	ASK LIST (DIRECT	COSTS)					
sk				Form	Fleet	Task	_
	Description	11 . 2 1		Used	Size	Hours	Cost
a	Reduce interior highw			DOZER	1	0.61	\$270
a	Push overburden over			DOZER	_ 1	20.95	\$9,650
a	Spread topsoil over gr	raded areas		DOZER	- 1	20.64	\$9,508
a	Rip compacted areas	C 1: 4 1		RIPPER	1	28.02	\$13,163
a	Revegetate 40 acres o		_:4-	REVEGE MOBILIZE	$\frac{1}{1}$	30.00	\$35,663
a	Haul reclamation equ	ipment to and from	site	MOBILIZE	1	4.66	\$8,026
				CUDTA	OTALS:	104.88	\$76,280
				SUBIC	JIALS:	10.000	\$ 7 3 , 2 3
INI	DIDECT COSTS						
111	DIRECT COSTS						
OV	<u>/ERHEAD AND PROFI</u>	<u>T:</u>					
	Liability insuran	ce: 2.02				Total = \$1	1,541
	Performance bo						801
	Job superintende	ent: 52.44				Total =	3,413
	Pro	fit: 10.00				Total = $\$$	7,628
							13,383
			CONTR	CACT AMOUNT	Γ (direct +	$O \& P) = _{\$}$	89,663
LE	GAL - ENGINEERING	- PROJECT MAN	AGEMENT:				
	Financial warranty pro	agging (lagal/rale	tad costs):	\$500		Total = \$5	500
		ICESSIIIO LIEUMI/TEIM					
	Engineering work and			0.00	_	Total =	

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$18,366

TOTAL BOND AMOUNT (direct + indirect) = ___\$94,646

BULLDOZER WORK

Task description:	Redu	ce interior	highwalls to	3:1		
: _ Ignacio Pit		Per	mit Action:	2024-03-05 Update	Permit/Job#:	M1992054
PROJECT IDEN	TIFICATIO	<u> </u>				
Task #: 01A		State:	Colorado		Abbreviation:	None
Date: $\frac{-3/5}{20}$	024	County:	La Plata		Filename:	03a
User: DMC		J			=	
Agency or	organization	name: DF	RMS			
HOURLY EQUI	PMENT CC	OST				
Basic Machine:	Cat D9T - 9	SU				
Horsepower:	405					
Blade Type:	Semi-Unive	rsal				
Attachment:	NA			<u> </u>		
Shift Basis:	1 per day					
Data Source:	(CRG)	-	-	<u>—</u>		
Cost Breakdown:						
				<u>Utilization %</u>		
Ownership Cost/H			\$238.76	NA		
Operating Cost/H			\$162.29	100		
Ripper own. Cost/H			\$0.00	NA		
Ripper op. Cost/H	· · · · · · · · · · · · · · · · · · ·		\$0.00	0		
Operator Cost/H	our:		\$41.30	NA		
MATERIAL QU Initial Volume: Swell factor:	869 1.000					
Loose volume:	869 LCY					
Source of estimated Source of estimated		Operator Cat Hand	•	0' If HW x 10'H		
HOURLY PROD	<u>OUCTION</u>					
Average push distant Unadjusted hourly p		50 feet 2,110.5 LC	Y/hr			
Materials consistence	cy description:	Compa	cted fill or e	mbankment 0.9		
Average push gradio Average site altitude						
Material weight:	2,550	lbs/LCY				
Weight description:	Earth	- Dry packed	l			
Job Condition Corre				Source		
	rator Skill:		750	(AVG.)		
Material co			900	(CAT HB))		
Dozir	ng method:		100	(50% SL)		
	Visibility:	1.	000	(AVG.)		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
1.516	(CAT HB)
1.000	(CAT HB)
0.902	(CAT HB)
1.000	(PAT)
	0.800 1.516 1.000 0.902

Net correction: 0.6742

Adjusted unit production: 1,422.90 LCY/hr
Adjusted fleet production: 1422.9 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.311/LCY

Total job time:
Total job cost:

0.61 Hours
\$270

BULLDOZER WORK

Task description:	Push	overburde	n over grade	ed areas		
: Ignacio Pit		Per	mit Action:	2024-03-05 Update	Permit/Job#:	M1992054
PROJECT IDE	NTIFICATIO	<u>ON</u>				
Task #: 02A		State:	Colorado		Abbreviation:	None
Date: $\frac{-3/5}{2}$	2024	County:	La Plata		Filename:	02a
User: DMC						
Agency o	r organization	name: DI	RMS			
HOURLY EQU	IPMENT CO	OST				
Basic Machine:	Cat D9T - 9					
Horsepower:	405			<u> </u>		
Blade Type:	Semi-Unive					
Attachment:	3-shank ripp	per				
Shift Basis:	1 /			<u> </u>		
Data Source:	(CRG)			<u> </u>		
Cost Breakdown:						
				<u>Utilization %</u>		
Ownership Cost/I			\$238.76	NA		
Operating Cost/I			\$162.29	100		
Ripper own. Cost/I			\$18.32	NA		
Ripper op. Cost/I			\$0.00	0		
Operator Cost/I	Hour:		\$41.30	NA		
MATERIAL QU Initial Volume: Swell factor:	14,036 1.000		_			
Loose volume:	14,036 LCY					
Source of estimated Source of estimated		Operator Cat Hand	provided 3/3 lbook	3/24		
HOURLY PRO	DUCTION					
Average push dista Unadjusted hourly		100 feet 1,243.2 LC	Y/hr			
Materials consister	ncy description	Loose	stockpile 1.2			
Average push grad Average site altitud		feet				
Material weight:	2,550	lbs/LCY			<u> </u>	
Weight description	: Earth	- Dry packe	d			
Job Condition Corn				Source		
Op	erator Skill:		.750	(AVG.)		
	consistency:		.200	(CAT HB)		
Doz	ing method:		.000	(GEN.)		
	Visibility:	1.	.000	(AVG.)		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
1.000	(CAT HB)
1.000	(CAT HB)
0.902	(CAT HB)
1.000	(PAT)
	0.800 1.000 1.000 0.902

Net correction: 0.5390

Adjusted unit production: 670.08 LCY/hr
Adjusted fleet production: 670.08 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.687/LCY

Total job time: 20.95 Hours
Total job cost: \$9,650

BULLDOZER WORK

Task description:	Spre	ad topsoil o	ver graded a	areas		
: Ignacio Pit		Per	mit Action:	2024-03-05 Update	Permit/Job#:	M1992054
PROJECT IDE	NTIFICATION	<u>ON</u>				
Task #: 04A		State:	Colorado		Abbreviation:	None
Date: $\frac{3/5}{2}$	2024	County:	La Plata		Filename:	04a
User: DMC		J			-	
Agency o	r organization	name: DI	RMS			
HOURLY EQU	IPMENT CO	OST				
Basic Machine:	Cat D9T - 9					
Horsepower:	405					
Blade Type:	Semi-Unive			<u> </u>		
Attachment:	3-shank rip	per				
Shift Basis:				<u> </u>		
Data Source:	(CRG)					
Cost Breakdown:						
			***	<u>Utilization %</u>		
Ownership Cost/l			\$238.76	NA 100		
Operating Cost/I			\$162.29	100		
Ripper own. Cost/l Ripper op. Cost/l			\$18.32 \$0.00	NA 0		
Operator Cost/l	10ui.		\$41.30	NA		
MATERIAL QU Initial Volume:	JANTITIES 19,293					
Swell factor:	1.000		_			
Loose volume:	19,293 LCY					
Source of estimate Source of estimate		Cat Hand	provided 3/3 lbook	3/24		
HOURLY PRO	<u>DUCTION</u>					
Average push dista Unadjusted hourly		100 feet 1,243.2 LC	Y/hr			
Materials consister	-		stockpile 1.2			
Average push grad Average site altitud		feet				
Material weight:	1,600	lbs/LCY			<u> </u>	
Weight description	: Top S	oil				
Job Condition Cor	rection Factor			Source		
	erator Skill:		.750	(AVG.)		
	consistency:		.200	(CAT HB)		
Doz	ing method:		.000	(GEN.)		
	Visibility:	1.	.000	(AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7519

Adjusted unit production: 934.76 LCY/hr
Adjusted fleet production: 934.76 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.493/LCY

Total job time: 20.64 Hours
Total job cost: \$9,508

BULLDOZER RIPPING WORK

	Task description:	Rip	compacted areas					
Site	: Ignacio Pit		Permit Action:	2024-03-05 U	pdate l	Permit/Job#:	M1992	2054
	PROJECT ID	ENTIFICATI	<u>ON</u>					
	Task #: 05A	A	State: Colorado		Ab	breviation:	None	
		7/2024	County: La Plata			Filename:	05a	•
	User: DN	И С	-					
	Agency	or organization	name: DRMS					
	HOURLY EQ	UIPMENT CO	<u>OST</u>					
	Basic	Machine: Cat	: D9T - 9SU		Horsepower:		405	
	Ripper Att	achment: 3-S	hank Ripper		Shift Basis:	1 p	er day	
					Data Source:	((CRG)	
	Cost Breakdown:	<u>.</u>						
					Utilization %			
		Ownership Co		\$238.76	NA	_		
	D.	Operating Co		\$162.29	100	_		
		er Ownership Co		\$18.32	NA 100	_		
	Кірі	per Operating Co Operator Co		\$8.98 \$41.30	100 NA	_		
		Total Unit Co		\$469.65	NA	_		
		Total Fleet Co						
	MATERIAL							
	MATERIAL (Sele	ected estimating	g method: Are	ea		
	Alternate Method	ds:						
Seismic:	NA 20.50		Bank Volume:	NA 1.00	BCY Volume:		NA	BCY or CCY
Area:	20.50	acres	Rip Depth (ft):			33,073		_ BC r or CC :
		Source of estin	nated quantity: 30 ac a	rea, TR map ar	nd plan			
	HOURLY PRO	<u>ODUCTION</u>						
	Seismic:							
			Seismic Velocity:	NA	feet/se	cond		
	Area:							
		Averag	ge Ripping Depth:	2.63	feet/pa	ss		
			e Ripping Width:	7.67	feet/pa			
			Ripping Length:	400.00	feet/pa			
			age Dozer Speed:	88.00	feet/m			
		_	Maneuver Time:	0.25	minute	-		
			tion per unit area:	0.881	acres/h	iour		
	Job Condition Co	orrection Factors	1					
	Un	adjusted Hourly	Unit Production:	0.881	Acres/	hr		
			Site Altitude:	6,240	feet			
			Altitude Adj:	1.00	(CAT			
			Job Efficiency:	0.83	(1 shif	• /		
			Net Correction:	0.83	multip	ner		
		Adjusted	Hourly Unit Production:	0.73	Acres/hr			
			Hourly Fleet Production:	0.73	Acres/hr			
	JOB TIME AN	ND COST						
	Fleet size:	1	Grader(s)	Total job tin	ne:	28.03	F	Iours
	Unit cost:	\$642.107	Per acre	Total job co	ost:	513,163		
		+	=	- 5		-,		

REVEGETATION WORK

Ignacio Pit	Per	rmit Action: 2024	1-03-05 Update	<u> </u>	Permit/Job#:	M1992054
ROJECT IDENT	IFICATION					
Task #: 07A	State:	Colorado		Abb	oreviation: N	None
Date: $3/5/202$	County:	La Plata			Filename: 0)7a
User: DMC						
Agency or o	ganization name: DF	RMS				
FERTILIZING						
Materials						
		Units /			/ TT •4	C + / A
Description		Acre	Unit	Cost	t / Unit	Cost /Acre
				\$		\$
				Tota	al Fertilizer	
				1000	Materials	
					Cost/Acre	\$0.00
Description						Cost /Acre
						\$
		Tota	l Fertilizer Ap	plication	n Cost/Acre	\$0.00
<u> </u>						
Description						Cost /Acre
	deep (MEANS 32 91 1	3.23 6100)				\$112.82
	Weed control spraying (MEANS 31 31 16.13 3100)					
			Tot	al Tilling	g Cost/Acre	\$451.62
SEEDING						
			I.	Rate –		
Seed Mix			P	LS DS /	Seeds per SQ.	Cost /Acre

Rye, Annual Tetraploid - Barmultra

Crested Wheatgrass - Hy-Crest

Pubescent Wheatgrass - VNS

Orchardgrass - Paiute

Smooth Brome - Lincoln

Russian Wildrye - VNS

\$0.66

\$6.52

\$4.77

\$6.65

\$4.74

\$6.30

\$29.64

LBS/

Acre

0.40

1.60

1.20

2.00

0.80

2.00

8.00

Totals Seed Mix

FΤ

1.74

19.83

5.51

6.66

3.21

4.13

41.09

Reveg	Worksheet	Cont'	d
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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
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Ac	re \$0.00

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

 No. of Acres:
 40
 Cost /Acres:
 \$713.26

 Estimated Failure Rate:
 25%
 Cost /Acre*:
 \$713.26

*Selected Replanting Work Items: TILLING,SEEDING

Initial Job Cost: \$28,530.40

Reseeding Job Cost: \$7,132.60

Total Job Cost: Job Hours: \$35,663

30.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

lask description:	Haul reclamation	1 equipment	to and from site		
te: Ignacio Pit	Per	mit Action: _	2024-03-05 Update	Permit/Jo	b#: M1992054
PROJECT IDENTIFICA	<u>ATION</u>				
Task #: 08A Date: 3/5/2024 User: DMC	State: County:	Colorado La Plata		Abbreviation: Filename:	None 08a
Agency or organiza	tion name: DR	MS			
EQUIPMENT TRANSPO	ORT RIG COS	<u>T</u>			
			Cost	Shift basis: Data Source:	1 per day CRG Data
Truck Tractor D	Description: GE	NERIC ON-I		TRACTOR, 6X4, D HALF, 2006)	DIESEL POWERED,
Truck Trailer D	Description:	GENERIC	FOLDING GOOSEN TRAILER (25T	ECK, DROP DEC , 50T, AND 100T)	*
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50	Tons 51+ Ton	1S	
Ownership Cost/Hou	r: \$20.26	\$36.	04 \$47.05	i	
Operating Cost/Hou		\$76.	08 \$82.85	<u> </u>	
Operator Cost/Hou		\$22.			
Helper Cost/Hou	r: \$0.00	\$23.	53 \$23.53	}	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$82.29

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 D9T - 9SU	66.13	\$257.08	\$175.95	1	\$433.03	\$175.95	\$250.00
Cat 631G	52.50	\$341.67	\$175.95	2	\$1,035.24	\$351.90	\$500.00
Drill/Broadcast	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
Seeder with							
Tractor							

\$158.17

\$175.95

Subtotals: \$1,557.29 \$610.14 \$1,000.00

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.	\$15.83	1	\$15.83	\$15.83

Subtotals: \$15.83 \$15.83

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

DURANGO
miles
45.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.67	0.67
Return Time (Hours):	0.67	0.67
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.33	1.33

JOB TIME AND COST

Total job time:	4.67	Hours
Total job cost:	\$8.026	