COST SUMMARY WORK

Task description:		SO3 Bond Esti	mate					
Site:	Kattenbe	erg Pit	P	ermit Action:	SO3 Bond Estimate	Permit/Jol	b#: <u>M2004017</u>	
<u>P</u>]		IDENTIFIC		~				
	Task #:	013	State:	Colorado		Abbreviation:	None	
	Date:	3/29/2023	County:	Grand		Filename:	M017-013	
	User:	PSH						
	Age	ency or organi	zation name: <u> </u>	ORMS				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
023	Backfill 40,000 CY Inert Fill (Asphalt and Concrete)	DOZER	1	67.58	\$17,827
033	Debris Removal	DEMOLISH	1	30.00	\$3,667
043	Highwall Cut/Fill 48,000 CY	DOZER	1	87.17	\$22,993
053	Topsoil Replacement 6" - 20 Acres	SCRAPER1	1	14.97	\$18,342
063	Final Grading - 20 Acres	GRADER	1	19.90	\$3,150
073	Revegetate - 20 Acres	REVEGE	1	40.00	\$41,968
083	Mob / Demob	MOBILIZE	1	4.26	\$6,380
		<u>SUBTC</u>	DTALS:	263.88	\$114,327

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$2,309
Performance bond:	1.05	Total =	\$1,200
Job superintendent:	131.94	Total =	\$9,913
Profit:	10.00	Total =	\$11,433
		TOTAL O & P =	\$24,855
		CONTRACT AMOUNT (direct + $O \& P$) =	\$139,182

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	0.00		\$0
CONTINGENCY:	0.00	Total =	\$0
		TOTAL INDIRECT COST =	\$25,355
TOTAL BO	ND AN	MOUNT (direct + indirect) =	\$139,682 \$140,000.00 Rounded

Task # 023

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BULLDOZER WORK

Kattenberg Pit	Р	ermit Action:	SO3 Bond Estimate	Permit/Jol	o#: M200401
<u>ROJECT IDENTIFI</u>					
Task #: 023	State:	-		Abbreviation:	None
Date: 3/29/2023	County:	Grand		Filename:	M017-023
User: <u>PSH</u>					
Agency or organ	nization name: <u> </u>	ORMS			
OURLY EQUIPME	NT COST				
Basic Machine: Ca	t D8T - 8SU				
Horsepower: 310					
	mi-Universal				
Attachment: NA	1				
	er day				
Data Source: (C	RG)				
ost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$124.85	NA		
Operating Cost/Hour:		\$97.63	100		
Ripper own.		\$0.00	NA		
Cost/Hour:					
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$41.30	NA		
operator costribui.			1111		
Total unit Cost/Hour:	\$263.78				
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$263.78				
Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL QUANT Initial Volume: _40,0	\$263.78 ITIES 000	I			
Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL QUANT Initial Volume: <u>40,0</u> Swell factor: <u>1.00</u>	\$263.78 ITIES 000				
Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL QUANT Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0	\$263.78 ITIES 000 00 000 LCY				
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volume	\$263.78 ITIES 000 00 000 LCY ume: Division		, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 40,0	\$263.78 ITIES 000 00 000 LCY ume:Division				
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volume	\$263.78 ITIES 000 00 000 LCY ume: Division				
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 40,0	\$263.78 ITIES 000 00 000 LCY 11 Division 11 Cat Har				
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 50 Source of estimated swe 50 factor: 50 OURLY PRODUCT 40	\$263.78 ITIES 000 00 000 LCY ume: Division 11 Cat Har TION				
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 5000000000000000000000000000000000000	\$263.78 ITIES 000 100 100 100	ıdbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swe 600 factor: 600 OURLY PRODUCT 400 Average push distance: 000 Unadjusted hourly 400	\$263.78 ITIES 000 00 000 LCY ume: Division 11 Cat Har TION	ıdbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 50 Source of estimated swe 50 Cactor: 60 OURLY PRODUCT 40 Average push distance: 0 Unadjusted hourly 60	\$263.78 ITIES 000 100 100 100	ıdbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 5000000000000000000000000000000000000	\$263.78 ITIES 000 00 000	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 40,0 Source of estimated volu 50 Cource of estimated swelfactor: 40,0 OURLY PRODUCT 40,0 Average push distance: 100 Unadjusted hourly 100 Materials consistency definition 40,0	\$263.78 ITIES 000 00 000 LCY ime: Division 11 Cat Har Cat Har 100 feet 852.6 LC escription: Loose	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swe 600 factor: 100 OURLY PRODUCT 40,0 Average push distance: 100 Unadjusted hourly 100 Materials consistency de 40,0	\$263.78 ITIES 000 00 000	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swe 600 factor: 100 OURLY PRODUCT 40,0 Average push distance: 100 Unadjusted hourly 100 production: 100 Materials consistency de 100 Average push 100 Average push 100 Average push 100 Average push 100	\$263.78 ITIES 000 00 000 000 000 000 000 000 000 000 0%	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swe 600 factor: 100 OURLY PRODUCT 40,0 Average push distance: 100 Unadjusted hourly 100 Materials consistency de 40,0	\$263.78 ITIES 000 00 000 LCY ime: Division 11 Cat Har Cat Har 100 feet 852.6 LC escription: Loose	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swe 600 factor: 100 OURLY PRODUCT 40,0 Average push distance: 100 Unadjusted hourly 100 production: 100 Materials consistency de 100 Average push 100 Average push 100 Average push 100 Average push 100	\$263.78 ITIES 000 00 000 000 000 000 000 000 000 000 0%	ndbook Y/hr			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 40,0 Source of estimated volu 50 Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de Average push Average push gradient: Average site altitude: 100	\$263.78 ITIES 000 000 000 000 000 000 000 10 10	ndbook Y/hr e stockpile 1.2			
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 40,0 Swell factor: 1.00 Loose volume: 40,0 Source of estimated volu 500 Source of estimated swelfactor: 600 OURLY PRODUCT Average push distance: Unadjusted hourly 100 production: 100 Materials consistency defactor: 100 Average push 100 Materials consistency defactor: 100 Average push 100 Materials weight: 100	\$263.78 ITIES 000 000 000 000 000 000 100	ndbook Y/hr e stockpile 1.2			

Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6942

Adjusted unit production:	591.87 LCY/hr
Adjusted fleet production:	591.87 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.446/LCY

Total job time:	67.58 Hours
Total job cost:	\$17,827

DEMOLITION WORK

Tas	sk description	: Debris Re	emoval				
Site: K	attenberg Pi	t	Permit Action:	SO3 Bond Estimate	Pe	ermit/Job#:	M2004017
PROJECT	IDENTIFI	CATION					
Task #:	033	State	e: Colorado		Abbreviatio	on: Nor	ie
Date:	3/29/2023	County	y: Grand		Filenan	ne: M0	17-033
User:	PSH						
	Agency of	or organization name:	DRMS				
<u>UNIT COS'</u>	<u>TS</u>				<u>Location</u>	adjustme	<u>nt: 90.00 %</u>
	e or Item ription	Dimensions	Demolition Me Selection	nu Quantity	Unit	Unit Cost	Total Cost

1					COSL	
Debris Removal	70 x 30 x 5	Loading and 2 mile haul, no salvage - Machine loading	210.00	СҮ	\$19.40	\$4,074.00

			Total Cost	
	Subtotal		(adjusted for	
Job Hours: <u>30.00</u>	(unadjusted):	\$4,074.00	location):	\$3,666.60

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BULLDOZER WORK

Kattenberg Pit	Permit Action:	SO3 Bond Estimate	Permit/Job#: M20040
ROJECT IDENTIF	ICATION		
Task #: 043	State: Colorado		Abbreviation: None
Date: $3/29/2023$			Filename: M017-043
User: PSH	Orand		
Agency or orga	nization name: DRMS		
OURLY EQUIPME	<u>ENT COST</u>		
Basic Machine: Ca	ut D8T - 8SU	_	
Horsepower: 31		-	
• 1	mi-Universal	_	
Attachment: N		-	
	per day	-	
Data Source: (C	RG)	-	
ost Breakdown:			
		Utilization %	
Ownership Cost/Hour:	\$124.85	NA	
Operating Cost/Hour:	\$97.63	100	<u> </u>
Ripper own. Cost/Hour:	\$0.00	NA	
Ripper op. Cost/Hour:	\$0.00	0	
Operator Cost/Hour:	\$41.30	NA	
ATERIAL QUANT	TTIES		
Initial Volume: 48, Swell factor: 1.1	24		
Swell factor: 1.1	000 24 933 LCY		
Initial Volume: 48, Swell factor: 1.1	000 24 933 LCY ume: Division of Reclamatic	n, Mining & Safety	
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swe	000 24 933 LCY ume: Division of Reclamatic ell Cat Handbook	n, Mining & Safety	
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swo factor:	000 24 933 LCY ume: Division of Reclamatic ell Cat Handbook	n, Mining & Safety 	
Initial Volume: 48, Swell factor: 1.11 Loose volume: 53, Source of estimated vol Source of estimated swe factor: IOURLY PRODUCT Average push distance: Unadjusted hourly	000 24 933 LCY ume: Division of Reclamatic Cat Handbook <u> IION</u> <u> 100 feet</u> 852.6 LCY/hr		
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swo factor: IOURLY PRODUC Average push distance: Unadjusted hourly production: Materials consistency d Average push	000 24 933 LCY ume: Division of Reclamatic Cat Handbook <u> IION</u> <u> 100 feet</u> 852.6 LCY/hr		
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency d	000 24 933 LCY ume: Division of Reclamatic Cat Handbook <u>100 feet</u> 852.6 LCY/hr escription: Compacted fill or en		
Initial Volume: 48, Swell factor: 1.11 Loose volume: 53, Source of estimated vol Source of estimated swo factor: IOURLY PRODUC Average push distance: Unadjusted hourly production: Materials consistency d Average push gradient:	000 24 933 LCY ume: Division of Reclamatic cat Handbook CION 100 feet 852.6 LCY/hr escription: Compacted fill or en -10 %		
Initial Volume: 48, Swell factor: 1.11 Loose volume: 53, Source of estimated vol Source of estimated swo factor: IOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency d Average push gradient: Average site altitude:	000 24 933 LCY ume: Division of Reclamatic cat Handbook Cat Handbook FION		
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swo factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency d Average push gradient: Average site altitude: Material weight:	000 24 933 LCY ume: Division of Reclamatic cat Handbook Cat Handbook FION		

Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7257

Adjusted unit production:	618.73 LCY/hr
Adjusted fleet production:	618.73 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.426/LCY

Total job time:	87.17 Hours
Total job cost:	\$22,993

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SCRAPER TEAM WORK

Site: Kattenberg Pit		Permit Action	n: <u>SO3 Bond Es</u>	stimate P	Permit/Job#: <u>M2</u>	004017
PROJECT IDENT	IFICATION					
Task #: 053	ç	State: Colorado	0	Abbre	viation: None	
Date: $3/29/20$		unty: Grand	<u> </u>		lename: M017-	053
User: PSH						
Agency or o	organization name:	DRMS				
HOURLY EQUIP	<u>MENT</u>		COSTS	Shift basis: <u>1 per</u>	day	
		Equipm	nent Description			
		Scraper: Cat 63	31G			
		-Dozer: NA	8T - 8SU			
Suppor	t Equipment -Loa Dum-	p Area: NA	81 - 850			
Road Mai	ntenance – Motor		140M			
	-Water	Truck: NA				
Cost Breakdown:	Scraper Wor	rk Teom	Support Equ	inmont	Maintenanc	a Equinma
Cost Dreakuown.	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Tr
%Utilization-machine:	100	NA	50	NA	100	
Ownership cost/hour:	\$200.41	NA	\$124.85	NA	\$75.87	
Operating cost/hour:	\$194.76	NA	\$48.82	NA	\$53.81	
%Utilization-ripper:	NA	NA	NA	NA	NA	
Ripper own. cost/hour:	NA	NA	\$0.00	NA	\$0.00	
Ripper op. cost/hour:	NA	NA	\$0.00	NA	\$0.00	
Operator cost/hour:	\$30.90	NA	\$41.30	NA	\$28.56	
Unit Subtotals:	\$426.07	NA	\$214.97	NA	\$158.24	
Number of Units:	2	0	1	0	1	
Group Subtotals:	Work:	\$852.14	Support:	\$214.97	Maint:	\$158.2
Total work team cost/	hour: <u>\$1,225.35</u>					
MATERIAL QUA						
Initial volume: Loose volume:	<u>16,133</u> 16,133	CCY LCY	Swell fac	tor: <u>1.000</u>		
Loose volume:	· · · · · · · · · · · · · · · · · · ·					
	ce of estimated vo		n of Reclamation, ndbook	, Mining & Safety	<u>/</u>	
	fastimated avail 4		HUUUUK			
	f estimated swell f	lactor: <u>Cat Ha</u>				
		lactor: <u>Cat Ha</u>				
Source o		lactor: <u>Cat Ha</u>		Bowl (volume) Ba	<u>isis:</u>	
Source o		lactor: <u>Cat Ha</u>	Scraper E	<u>Bowl (volume) Ba</u> Volume: 24.00		СҮ
Source o HOURLY PRODU	UCTION		<u>Scraper E</u> Struck Heaped	. ,) L	CY CY CY

<u>0.80</u> Minutes

<u>0.70</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 7966 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	NA	(CAT HB)
Job Efficiency:	0.830	NA	(CAT HB)
Net Correction:	0.830	NA	

Travel Time:

Road Condition: Hard, smooth, stabilized, surfaced, watered, maintained 2.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1000.00	0.00	2.00	2.00	2806	0.65

Haul Time: **0.65** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1000.00	0.00	2.00	2.00	2914	0.53
				Return Time:	0.53	minutes
			Total Scraper	team cycle time:	2.68	minutes
			Adjusted for	or job conditions:	538.88	LCY/Hour
			Selected Nur	nber of Scrapers:	2	Scraper(s)
	Adjusted	single scrape	r team (unit) ho	ourly production:	1,077.76	LCY/Hour
	Adjusted mu	ltiple scraper	r team (fleet) ho	ourly production:	1,077.76	LCY/Hour
	Unadjusted unit prod	luction/hour:	649.25	LCY/Hour		

Fleet size:	1	Team(s)	Total job time:	14.97	Hours
Unit cost:	\$1.137	_ /LCY	Total job cost:	\$18,342	

MOTOR GRADER WORK

Ta	ask descrip	otion:	_Fin2	al Grading -	20 Acres					
e: _	Kattenbe	erg Pit		Pe	rmit Action:	SO3 Bond E	Estimate	Permit/Jo	b#: <u>M2004</u>	017
<u>PR</u>	ROJECT	IDENTIF	ICATI(<u>ON</u>						
	Task #:	063		State:	Colorado		Abl	previation:	None	
	Date:	3/29/2023		County:	Grand			Filename:	M017-063	
	User:	PSH		County.	Oraliu			r nename.	M017-003	
	0301.	1511								
	Age	ency or orga	nization	name: DI	RMS					
<u>H(</u>	DURLY I	EQUIPME	ENT CO	<u>DST</u>						
	Ва	asic Machin	e: CA	T 140M			Horsepower:		183	
	Rippe	r Attachmer	nt:				Shift Basis:	1	per day	_
							Data Source:	(CRG)	_
Cos	st Breakdo	wn:								
							Utilization %			
		Owne	ership Co	ost/Hour:		\$75.87	NA			
				ost/Hour:		\$53.81	100	_		
	R	Ripper Owne				\$0.00	NA	_		
		Ripper Ope	1			\$0.00		_		
				ost/Hour:		\$28.56	NA	_		
		Tota	l Unit Co	ost/Hour:		\$158.24		_		
		T (1			Φ1 <i>Ε</i>					
		Total	Fleet Co	ost/Hour:	\$15	0.24				
		Total Area	to be gra	aded or rippe	ed: 20.00				acres	
		Sourc	e of esti	mated acreag	ge: Permit	Application				
HC	OURLY I	PRODUC	<u>FION</u>							
				ge Grader Sp		1.50	mph			
				cted Applica			grading (0-2.5 r	1 /		
				ted Blade A		45	degree	s		
		****		ve Blade Ler	·	8.50	feet			
	-			overlap per j		2.00	feet			
	Ν			g width per j		6.50	feet			
		Unadjusted	1 Hourly	Unit Produc	tion:	1.1818	acres/l	nour		
Job	o Condition	n Correction	Factors			S	ite Altitude: <u>79</u>	<u>66</u> feet		
					Source					
		itude Adj:		.00	(CAT HI	·				
		Efficiency:		0.85	(1sh/d, mo					
	Net C	Correction:	0.	8500	multiplier	•				
		А	djusted	Hourly Unit	Production:	1.0045	acres/Hou	r		
				Hourly Fleet		1.0045	acres/Hou	r		
							—			
<u>JO</u>	B TIME	AND CO	<u>ST</u>							
	Fleet siz	ie:	1	_ Grader(s)		Total job time	e: <u>19</u> .	91	Hours	
	Unit cos	st• \$14	57.52	per acre		Total job cost	t: \$3, 1	50		
		ər. 91.	11.54	_ per acre		10101 100 0081	"""	50	_	

REVEGETATION WORK

Task description:		Revegetate - 20	Acres				
Site: _	ite: Kattenberg Pit		Permit Action: SO3 Bond Estimate		Permit/Job#: M20040		
<u>PR</u>	ROJECT	IDENTIFIC	CATION				
	Task #:	073	State:	Colorado		Abbreviation:	None
	Date:	3/29/2023	County:	Grand		Filename:	M017-073
	User:	PSH				=	

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	18.12	pound	\$0.23	\$4.17
			Total Fertilizer Materials Cost/Acre	\$4.17

Application

Description		Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)		\$39.64
	Total Fertilizer Application Cost/Acre	\$39.64

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.18
Weed control spraying (MEANS 31 31 16.13 3100)	\$290.40
Total Tilling Cost/Acre	\$407.58

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Arizona Fescue - Redondo	0.50	5.74	\$4.63
Indian Ricegrass - Native	2.00	6.47	\$13.00
Smooth Brome - Lincoln	3.50	11.65	\$11.64
Pubescent Wheatgrass - Luna	3.00	6.20	\$10.20
Slender Wheatgrass - Native	1.50	5.48	\$6.94
Totals Seed Mix	10.50	35.54	\$46.40

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
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$421.36	\$842.72
Total Mulch Materials Cost/Acre				\$842.72

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$73.00
Weed spray, truck, aquatic area, nox. [DMG]		\$62.72
	Total Mulch Application Cost/Acre	\$135.72

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

Estimate	No. of Acres: ed Failure Rate:		Cost /Acre: Cost /Acre*:	
*Selected Replanti	ng Work Items:	FERTILIZING,SE	EDING,MULCHING	
Initial Job Cost:	\$34,164.60			
Reseeding Job Cost:	\$7,803.90			
Total Job Cost:	\$41,968			
Job Hours:	40.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

	Kattenberg	g Pit	Permit	Action: SO3	Bond Estin	nate l	Permit/Job#: <u>N</u>	12004017
PR	OJECT II	DENTIFICATI	<u>ON</u>					
	Task #:	083	State: Co	olorado		Abbre	viation: None	e
	Date:	3/29/2023 PSH		and				7-083
	Agen	cy or organization	n name: DRMS					
EQ	UIPMEN	T TRANSPOR	<u>T RIG COST</u>					
					C	Shift ba Cost Data Sour	1	
	т	muals Traastan Daga	rintian. CENIE				$\frac{1}{1}$ OR, 6X4, DIESE	
	11	ruck Tractor Desc	ription: GENE	KIC UN-HIGH		(2ND HALF,		L POWEKED,
	Т	ruck Trailer Desc	ription G	ENERIC FOLD			OP DECK EQU	IIPMENT
	1	ruck franci Dese				25T, 50T, AN		
Cost	Breakdow	<u>'n:</u>						
A	ailable Ri	g Capacities	0-25 Tons	26-50 Tons	51+	Tons		
Av		g Capacities ship Cost/Hour:	0-25 Tons \$15.25	26-50 Tons \$23.06		Tons 7.58		
Av	Owners				\$3			
Av	Owners Opera	ship Cost/Hour:	\$15.25	\$23.06 \$30.83 \$27.71	\$3 \$5	7.58		
Av	Owners Opera Oper	ship Cost/Hour: ting Cost/Hour:	\$15.25 \$25.26	\$23.06 \$30.83	\$3 \$5 \$2	7.58 1.41		
Av	Owners Opera Oper He	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	\$15.25 \$25.26 \$27.71	\$23.06 \$30.83 \$27.71	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71		
	Owners Opera Oper He Total U	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour:	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22	\$23.06 \$30.83 \$27.71 \$20.22	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71 0.22		
	Owners Opera Oper He Total U	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour:	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22	\$23.06 \$30.83 \$27.71 \$20.22	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71 0.22		
NO	Owners Opera Oper He Total U N ROAD	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT:	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$13	7.58 1.41 7.71 0.22 36.92	Return Trip	DOT Permit
NO	Owners Opera Oper He Total U N ROAD achine	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$1 \$1 \$1	7.58 1.41 7.71 0.22 86.92 Haul Trip	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
NO	Owners Opera Oper He Total U N ROAD	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT:	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$13	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/		
NO Ma De	Owners Opera Oper He Total U N ROAD achine escription	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS)	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t	\$3 \$5 \$2 \$2 \$1 \$1 \$1	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
NO Ma De	Owners Opera Oper He Total U N ROAD achine	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS)	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni	\$3 \$5 \$2 \$2 \$13 Fleet Size	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/		DOT Permit Cost/ fleet \$250.00 \$250.00
NO Ma De Ca	Owners Opera Oper He Total U N ROAD achine escription t D8T - 8SU	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit (TONS) 47.71	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit \$124.85	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t \$101.82	\$3 \$5 \$2 \$2 \$13 Fleet Size	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet \$226.67	Cost/hr/ fleet \$101.82	Cost/ fleet \$250.00
NO Ma De Ca	Owners Opera Oper He Total U N ROAD achine escription t D8T - 8SU	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS) 47.71 16.68	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit \$124.85 \$75.87	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t \$101.82 \$68.22	\$3 \$5 \$2 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet \$226.67 \$144.09	Cost/hr/ fleet \$101.82 \$68.22	Cost/ fleet \$250.00 \$250.00

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:	GRANBY, CO 2.00 30.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$6,380.25	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	-

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.07	0.07
Return Time (Hours):	0.07	0.07
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.13	0.13

JOB TIME AND COST

Total job time: 4.27 Hours

Total job cost: \$6,380