

April 27, 2022

James Blair Bureau of Land Management Tres Rios Field Office 29211 HWY 184 Dolores, CO 81323

# Re: Wedding Bell Project (Rimrock Area), File No. P-2021-010, Notice of Intent to Conduct Prospecting Operations (NOI), Request for Concurrence

Dear Mr. Blair,

On June 2, 2021 the Division of Reclamation, Mining and Safety received the above listed application for the Wedding Bell Project (Rimrock Area) Notice of Intent to Conduct Prospecting Operations (NOI) located on Bureau of Land Management Lands (BLM) within San Miguel County. During the Division's technical Adequacy Review period a Reclamation Cost Estimate was performed. Based on the details of the project, Division Staff has estimated the total Reclamation Cost to ensure reclamation of all affected lands at <u>\$6,942.00</u>. The Reclamation Cost Estimate Worksheets are enclosed. Per the Memorandum of Understanding, please review these calculations and provide documentation of concurrence for the Financial Warranty amount.

Upon receiving concurrence, the calculation will be provided to the applicant so they may submit the appropriate Financial Warranty for the site. Please note the application will not be granted the final Authorization to Proceed from our office until all necessary permits are also obtained from the BLM and copies are provided to the Division. If you have any questions please feel free to contact me at the Division's Grand Junction Field Office, by phone at 303-866-3567 Ext. 8187 or by email at lucas.west@state.co.us.

Sincerely,

Lucas West Environmental Protection Specialist Division of Reclamation, Mining and Safety

Encl: Reclamation Cost Estimate Worksheets

Cc: Jim Guilinger, Standard Metals Processing, Inc.



## COST SUMMARY WORK

]	Fask descrip	otion:	Cost Summary				
ite:	Wedding Rock Are	; Bell Project ea)	(Rim Pe	ermit Action:	New App	Permit/Job	#: <u>P2021010</u>
<u>P</u> ]	ROJECT	IDENTIFI	CATION				
	Task #:	000	State:	Colorado		Abbreviation:	None
	Date:	4/27/2022	County:	Montrose		Filename:	P010-000
	Date.	1/21/2022	county.				

#### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	P & A drill holes	BOREHOLE	1	16.00	\$379
002	Regrade Pads and Roads	DOZER	1	1.87	\$325
003	Revegetate Affected Lands	REVEGE	1	8.00	\$1,289
003a	Secondary Seeding of Affected Lands	REVEGE	1	8.00	\$1,289
004	Mobilization	MOBILIZE	1	4.57	\$1,341
		<u>SUBTO</u>	TALS:	38.44	\$4,623

# **INDIRECT COSTS**

#### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$93
Performance bond:	1.05	Total =	\$49
Job superintendent:	19.22	Total =	\$1,384
Profit:	10.00	Total =	\$462
		TOTAL O & P =	\$1,989
		CONTRACT AMOUNT (direct + O & P) = $($	\$6,612

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$0	Total =	\$0
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	5.00	_	\$331
		_	
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	NDIRECT COST =	\$2,319
TOTAL BO	ND AMOUNT (d	irect + indirect) =	\$6,942

## BOREHOLE SEALING WORK

r	Task description:	P & A drill	holes			
Site:	Wedding Bell Project ( Rock Area)	Rim	Permit Action:	New App	Permit/	Job#: P2021010
<u>PROJE</u>	<u>CT IDENTIFICATIO</u>	N				
Task ‡		State:	Colorado		Abbreviation:	None
Date	e: <u>4/27/2022</u>	County:	Montrose		Filename:	P010-001
Use	r: LJW					
	Agency or organiz	ation name:	DRMS			

# UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit	Total Cost
•			U	- •		Cost	
Hole 1 - Spider	Stainless steel plug - 6	6	NA	1.00	EA	\$159.72	\$159.72
Plug	in. diameter borehole						
Hole 1 - Bentonite	Bentonite seal - 6 in.	6	4.75	4.75	LF	\$6.32	\$30.02
Seal	(labor, equip, materials)						
Hole 2 - Spider	Stainless steel plug - 6	6	NA	1.00	EA	\$159.72	\$159.72
Plug	in. diameter borehole						
Hole 2 - Bentonite	Bentonite seal - 6 in.	6	4.75	4.75	LF	\$6.32	\$30.02
Seal	(labor, equip, materials)						

Job Hours: 16.00

Total Cost: \$379.00

## BULLDOZER WORK

IOURLY PRODUCTION         Average push distance:       50 feet         Unadjusted hourly       444.6 LCY/hr         production:		t ( <b>Rim</b> Permit Action	n: New App	Permit/Job#: P2021010
Date:       427,2022       County:       Montrose       Filename:       P010-002         User:       LJW	<b>PROJECT IDENTIFI</b>	CATION		
Agency or organization name:       DRMS         OUTLY EQUIPATION       Blake Thim:       Cat DoT LGP         Horsepower:       200         Blake Thim:       Cat DoT LGP         Horsepower:       200         Blake Thim:       Cat DoT LGP         Morsepower:       200         Blake Thim:       Na         Attachment:       NA         Shift Basi:       I per day         Data Source:       (CRG)         otta Breakdown:       Stocol         Ovenership Cost/Hour:       \$66.34       100         Ripper op.       Cost/Hour:       \$0.00       NA         Operating Cost/Hour:       \$173.91       Cost/Hour:       \$173.91         Total Init Cost/Hour:       \$173.91       Cost/Hour:       \$173.91         Total Plet Cost/Hour:       \$173.91       Cost Hour:       \$173.91         Total Plet Cost/Hour:       \$2 pads 50*50*1/27 + 200 LF, 10ft w roads       Cost Handbook         Source of estimated swell:       Cat Handbook       Cat Handbook         Eator:       Cat Handbook       Cat Handbook       Cat Handbook         Morsepowend hourig:       244.6 LCY/hr       Cost       Cost Handbook         Matrials consistency description:				
OURLY EQUIPMENT COST         Baics Machine:       Cat D6T LGP         Horsepower:       200         Blade Type:       Straight         Attachment:       NA         Shift Basis:       1 per day         Data Source:       (CRG)         otter Breakdown:	User: LJW			
Basic Machine:       Cat D6T LGP         Horsepower:       200         Blade Type:       Sträight         Attachment:       NA         Shift Basis:       1 per day         Data Source:       (CGG)         ottel Breakdown:          Ownership Cost/Hour:       \$66.27         NA          Operating Cost/Hour:       \$66.34         Cost/Hour:       \$0.00         Na       Na         Operator Cost/Hour:       \$0.00         Cost/Hour:       \$0.00         Na       Na         Operator Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Swell factor:       \$1000         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:          Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:          Materials consistency description:       Loose s	Agency or organ	ization name: DRMS		
Horsepower:       200         Blade Type:       Straight         Attachment:       NA         Shift Basis:       1 per day         Data Source:       (CRG)         Ownership Cost/Hour:       \$66.27         NA       \$66.34         Operating Cost/Hour:       \$66.34         Ripper own.       \$0.00         Ripper op. Cost/Hour:       \$0.00         Operator Cost/Hour:       \$0.00         Operator Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total Voure:       \$173.91         Total Voure:       \$259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:	<b>IOURLY EQUIPME</b>	NT COST		
Blade Type:       Straight         Attachment:       NA         Shift Basis:       1 per day         Data Source:       (CRG)         ost Breakdown:       Utilization %         Ownership Cost/Hour:       \$66.27       NA         Operating Cost/Hour:       \$66.34       100         Ripper own.       \$0.00       NA         Cost/Hour:       \$0.00       0         Operator Cost/Hour:       \$10.00       0         Operator Cost/Hour:       \$173.91       1         Total Init Cost/Hour:       \$173.91       1         Total Fleet Cost/Hour:       \$173.91       1         Total Inital Volume:       259       Swell factor:       1.000         Loose volume:       259 LCY       2       2       255 UCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads       2         Source of estimated swell       Cat Handbook       Cat Handbook         factor:	Basic Machine: Cat	t D6T LGP		
Attachnen:       NA         Iper day       Iper day         Data Source:       (CRG)         ost Breakdown:          Ownership Cost/Hour:       \$66.27         NA       00         Operating Cost/Hour:       \$66.27         NA       00         Ripper own.       \$66.34         Cost/Hour:       \$0.00         Na       Na         Operating Cost/Hour:       \$0.00         Cost/Hour:       \$0.00         Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated swell       Cat Handbook         factor:       Cat Handbook         factor:       Cat Handbook         Materials consistency description:       Loose stockpile 1.2         Materials consistency description:       Loose stockpile 1.2         Average push       0%         gradient:       6,620 feet				
Shift Basis: $1 \text{ per day}$ Data Source: $(CRG)$ oot Breakdown:       Utilization %         Ownership Cost/Hour: $\$66.27$ NA         Operating Cost/Hour: $\$66.34$ 100         Ripper own. $\$60.00$ NA         Cost/Hour: $\$66.34$ 100         Ripper own. $\$0.00$ NA         Cost/Hour: $\$0.00$ 0         Operator Cost/Hour: $\$173.91$ Total Init Cost/Hour: $\$173.91$ Total unit Cost/Hour: $\$173.91$ Total Fleet Cost/Hour: $\$173.91$ Total Fleet Cost/Hour: $$$259$ $$$259$ $$$259 \text{ LCY}$ Source of estimated volume: $$2 \text{ pads } 50*50*1/27 + 200 \text{ LF, 10ft w roads}$ $$259 \text{ LCY}$ Source of estimated swell       Cat Handbook       Cat Handbook         factor: $$2 \text{ pads } 50*60*1/27 + 200 \text{ LF, 10ft w roads}$ $$2 \text{ pads } 50*60*1/27 + 200 \text{ LF, 10ft w roads}$ Source of estimated swell       Cat Handbook       Cat Handbook $$2 \text{ pads } 50*60*1/27 + 200 \text{ LF, 10ft w roads}$ Materials consistency description:       Loose stockpile 1.2 $$2 \text{ pads } 50*60*1/27 + 200 \text{ LF, 10ft w roads}$ $$2 \text{ pads } 50*60*1/27 + 200  L$		·		
Data Source: $(CRG)$ ost Breakdown: $\underbrace{Vtilization \%}_{NA}$ Operating Cost/Hour: $\underbrace{S66.27  NA}_{S66.34}$ Operating Cost/Hour: $\underbrace{S66.34  100}_{NA}$ Ripper own. $\underbrace{S0.00  NA}_{O}$ Cost/Hour: $\underbrace{$0.00  NA}_{O}$ Ripper op. Cost/Hour: $\underbrace{$0.00  0}_{O}$ Operator Cost/Hour: $\underbrace{$173.91}_{S1.91}$ Total unit Cost/Hour: $\underbrace{$173.91}_{S1.91}$ Total free Cost/Hour: $\underbrace{$173.91}_{S1.91}$ Total free Cost/Hour: $\underbrace{$173.91}_{S1.91}$ Total Free Cost/Hour: $\underbrace{$173.91}_{S1.91}$ Source of estimated volume: $\underbrace{259}_{Swell factor:}$ Source of estimated volume: $\underbrace{2 pads 50^{*}50^{*}1/27 + 200 \text{ LF, 10ft w roads}}_{Cat Handbook}$ factor:       Cat Handbook         factor:       Cat Handbook         Materials consistency description:       Loose stockpile 1.2         Materials consistency description:       Loose stockpile 1.2         Average push       0 %         gradient: $\underbrace{6,620 \text{ feet}$				
Ownership Cost/Hour:       Utilization %         Operaing Cost/Hour:       \$66.27       NA         Operating Cost/Hour:       \$66.34       100         Ripper own.       \$0.00       NA         Ripper op. Cost/Hour:       \$0.00       0         Operator Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total volume:       \$173.91         Total Volume:       \$173.91         Total Volume:       \$259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:				
Ownership Cost/Hour: $$66.27$ NAOperating Cost/Hour: $$66.34$ 100Ripper own. $$0.00$ NARipper op. Cost/Hour: $$0.00$ 0Operator Cost/Hour: $$0.00$ 0Operator Cost/Hour: $$173.91$ Total unit Cost/Hour: $$173.91$ Total Fleet Cost/Hour: $$173.91$ Source of estimated volume: $$259$ Source of estimated volume: $$2 pads 50*50*1/27 + 200 LF, 10ft w roads$ Source of estimated swellCat Handbookfactor:Cat HandbookMaterials consistency description:Loose stockpile 1.2Average push distance: $$0 %$ gradient: $$0 %$ gradient: $$6,620$ feet		/		
Ownership Cost/Hour:       \$66.27       NA         Operating Cost/Hour:       \$66.34       100         Ripper own.       \$0.00       NA         Ripper op. Cost/Hour:       \$0.00       0         Operator Cost/Hour:       \$0.00       0         Operator Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Initial Volume:       259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads $50*50*1/27 + 200$ LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:       Cat Handbook         Kource of estimated swell       Cat Handbook         Materials consistency description:       Loose stockpile 1.2         Materials consistency description:       Loose stockpile 1.2         Average push       0 %         gradient:       6,620 feet	<u></u>		Utilization %	
Ripper own. Cost/Hour: $\$0.00$ NARipper op. Cost/Hour: $\$0.00$ 0Operator Cost/Hour: $\$173.91$ Total unit Cost/Hour: $\$173.91$ Total Fleet Cost/Hour: $\$173.91$ Total Fleet Cost/Hour: $\$173.91$ Initial Volume:259Swell factor:1.000Loose volume:259 LCYSource of estimated volume:2 pads $50*50*1/27 + 200$ LF, 10ft w roadsCort of estimated swellCat Handbookfactor:Cat HandbookMaterials consistency description:Loose stockpile 1.2Materials consistency description:Loose stockpile 1.2Average push0 %gradient:0 %Average site altitude: $6,620$ feet			NA	
Cost/Hour:       \$0.00       NA         Ripper op. Cost/Hour:       \$0.00       0         Operator Cost/Hour:       \$173.91         Total unit Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Initial Volume:       259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:       Cat Handbook         Materials consistency description:       Loose stockpile 1.2         Materials consistency description:       Loose stockpile 1.2         Average push       0 %         gradient:       6,620 feet		\$66.34	100	
Ripper op. Cost/Hour: $$0.00$ 0         Operator Cost/Hour: $$173.91$ Total unit Cost/Hour: $$173.91$ Total Fleet Cost/Hour: $$173.91$ Total Fleet Cost/Hour: $$173.91$ Total Volume: $$259$ Swell factor: $1.000$ Loose volume: $259$ LCY         Source of estimated volume: $$2 pads 50*50*1/27 + 200 LF, 10ft w roads$ Source of estimated swell       Cat Handbook         factor:       Cat Handbook         Materials consistency description: $$50 feet$ Unadjusted hourly $$44.6 LCY/hr$ materials consistency description:       Loose stockpile 1.2         Average push       0 %         gradient: $6,620$ feet		\$0.00	NA	
Operator Cost/Hour:       \$41.30       NA         Total unit Cost/Hour:       \$173.91         Total Fleet Cost/Hour:       \$173.91         Initial Volume:       259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated volume:       Cat Handbook         Cat Handbook       Cat Handbook         Materials consistency description:       50 feet         Unadjusted hourly       444.6 LCY/hr         production:       Loose stockpile 1.2         Average push       0 %         gradient:       6,620 feet		\$0.00	0	
Total Fleet Cost/Hour:       \$173.91         IATERIAL QUANTITIES         Initial Volume:       259         Swell factor:       1.000         Loose volume:       259 LCY         Source of estimated volume:       2 pads 50*50*1/27 + 200 LF, 10ft w roads         Source of estimated swell       Cat Handbook         factor:       Cat Handbook         Materials consistency description:       50 feet         Unadjusted hourly       444.6 LCY/hr         production:       Loose stockpile 1.2         Average push       0 %         gradient:       6,620 feet	Operator Cost/Hour:	\$41.30	NA	
Unadjusted hourly       444.6 LCY/hr         production:		ITIES		
Average push     0 %       gradient:	Initial Volume: 259 Swell factor: 1.00 Loose volume: 259 Source of estimated volu Source of estimated volu factor: HOURLY PRODUCT	00 LCY ume: 2 pads 50*50*1/27 ll Cat Handbook	+ 200 LF, 10ft w roads	
gradient: Average site altitude: 6,620 feet	Initial Volume: 259 Swell factor: 1.00 Loose volume: 259 Source of estimated volu Source of estimated swel factor:	00 LCY ume: 2 pads 50*50*1/27 11 Cat Handbook <u>210N</u> 50 feet	+ 200 LF, 10ft w roads	
Average site altitude:     6,620 feet	Initial Volume: 259 Swell factor: 1.00 Loose volume: 259 Source of estimated volu Source of estimated swel factor: HOURLY PRODUCT Average push distance: Unadjusted hourly production:	00         LCY         ime:       2 pads 50*50*1/27         Il       Cat Handbook         III       50 feet         444.6 LCY/hr		
Material weight: 3,300 lbs/LCY	Initial Volume: 259 Swell factor: 1.00 Loose volume: 259 Source of estimated volu Source of estimated volu Source of estimated swel factor: HOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de Average push	$\frac{10}{\text{LCY}}$ $\frac{2 \text{ pads } 50*50*1/27}{\text{Cat Handbook}}$ $\frac{10N}{444.6 \text{ LCY/hr}}$ $\frac{50 \text{ feet}}{444.6 \text{ LCY/hr}}$		
	Initial Volume: 259 Swell factor: 1.00 Loose volume: 259 Source of estimated volu Source of estimated volu Source of estimated swel factor: HOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de	00         LCY         ume:       2 pads 50*50*1/27         11       Cat Handbook         2       State Stat		

\_\_\_\_

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.600	(FND-SF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3124

Adjusted unit production:	138.89 LCY/hr
Adjusted fleet production:	138.89 LCY/hr

#### JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$1.252/LCY

Total job time:	<b>1.87</b> Hours
Total job cost:	\$325

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# **REVEGETATION WORK**

Wedding Rock Ar	g Bell Project ea)	( <b>Rim</b> P	ermit Action:	New App	Permit/Jol	b#: P2021010
<u>PROJECT</u> Task #:	IDENTIFIC	CATION State:	Colorado		Abbreviation:	None

# **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
Hand raking (MEANS 32 91 13.23 0250)	\$1,546.38
Total Tilling Cost/Acre	\$1,546.38

## **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	0.48	7.83	\$6.59
Indian Ricegrass - Native	3.71	12.01	\$24.12
Sand Dropseed	0.07	8.36	\$0.68
Bottlebrush Squirreltail	2.04	8.99	\$33.10
Galleta	2.47	9.02	\$55.20
Muttongrass	0.10	2.07	\$3.44
Sagebrush, Mountain or Big	0.10	5.28	\$1.98
Saltbush, Four Wing	0.25	0.34	\$3.13
Winter Fat	0.25	0.64	\$5.13

<b>Totals Seed Mix</b> 9.47 54.54 <b>\$133.35</b>
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#### Application

Description		Cost /Acre
Push spreader (MEANS 32 92 19.14 0020)		\$1,821.68
	<b>Total Seed Application Cost/Acre</b>	\$1,821.68

## **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

	\$
ulch Application Cost/Acre	\$0.00
	llch Application Cost/Acre

## **NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
	ek Cost / Acre	\$0.00			

#### JOB TIME AND COST

Estimate *Selected Replanti	No. of Acres: ed Failure Rate: ng Work Items:	60%	DING	Cost /Acre: Cost /Acre*:	
Initial Job Cost:	\$805.32				
Reseeding Job Cost:	\$483.19				
Total Job Cost:	\$1,289				
Job Hours:	8.00				

#### Page 1 of 2

# **REVEGETATION WORK**

	edding ock Are	Bell Project a)	(Rim	Per	mit Action:	New App	Permit/Jo	b#: <u>P2021010</u>
יסתנ	ГГСТІ	DENTIFIC	ATION					
				~	~			
	ask #:	003A		State:	Colorado		Abbreviation:	None
Ta				State: ounty:	Colorado Montrose		Abbreviation: Filename:	None P010-003a

# **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
Hand raking (MEANS 32 91 13.23 0250)	\$1,546.38
Total Tilling Cost/Acre	\$1,546.38

## **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	0.48	7.83	\$6.59
Indian Ricegrass - Native	3.71	12.01	\$24.12
Sand Dropseed	0.07	8.36	\$0.68
Bottlebrush Squirreltail	2.04	8.99	\$33.10
Galleta	2.47	9.02	\$55.20
Muttongrass	0.10	2.07	\$3.44
Sagebrush, Mountain or Big	0.10	5.28	\$1.98
Saltbush, Four Wing	0.25	0.34	\$3.13
Winter Fat	0.25	0.64	\$5.13

<b>Totals Seed Mix</b> 9.47 54.54 <b>\$133.35</b>	
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#### Application

Description		Cost /Acre
Push spreader (MEANS 32 92 19.14 0020)		\$1,821.68
	Total Seed Application Cost/Acre	\$1,821.68

## **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

	\$
ulch Application Cost/Acre	\$0.00
	llch Application Cost/Acre

## **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:	0.23		Cost /Acre:	\$3,501.41
Estimate	ed Failure Rate:	60%		Cost /Acre*:	\$3,501.41
*Selected Replanti	ng Work Items:	TILLING,SEEI	DING		
Initial Job Cost:	\$805.32				
Reseeding Job Cost:					
Total Job Cost:	\$1,289				
Job Hours:	8.00				

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task desc	ription:	Mobilizati	on						
Weddin : <u>Rock A</u>	ng Bell Project .rea)	(Rim	Permit		New A	.pp	I	Permit/Job#:	P2021010
PROJEC	<b>F IDENTIFIC</b>	CATION							
Task #: Date: User:	4/27/2022			olorado ontrose				eviation: No lename: P0	ne 10-004
А	gency or organi	zation name:	DRMS						
EQUIPM	ENT TRANS	PORT RIG	<u>COST</u>						
	Truck Tractor	Description:	GENE	RIC ON-H	HIGHW	AY TRU	Shift ba Cost Data Sour JCK TRACTO (2ND HALF,	$\frac{1}{CRG}$ $\frac{1}{CRG}$ $\frac{1}{CRG}$ $\frac{1}{CRG}$	
	Truck Trailer	Description:	G	ENERIC I		NG GOO	· · · · · ·	ROP DECK EQ	UIPMENT
Cost Break	down:								
Available	e Rig Capacities	s 0-25	Tons	26-50	Fons	51+	Tons		
	nership Cost/Ho		1.28	\$37.			7.67		
Op	perating Cost/Ho	our: \$2	6.55	\$50.4	48	\$5	6.21		
C	perator Cost/Ho		0.54	\$20.:	54	\$2	0.54		
	Helper Cost/He		0.00	\$23.:			3.53		
То	tal Unit Cost/Ho	our: \$6	8.37	\$132	.49	\$14	47.95		
NON ROA	ADABLE EQ	UIPMENT:							
Machine	Weig	oht/ Ow	ner ship	Haul Ri	σ	Fleet	Haul Trip	Return Trip	DOT Permit
Descriptio		Cos	t/hr/ unit	Cost/hr/	0	Size	Cost/hr/ fleet	Cost/hr/ fleet	
Cat D6T L	,	,	27	\$132.49		1	\$198.76	\$132.49	\$250.00
Cui Dol L	20.07	φ00.	21	φ152. <del>+</del> 7		1	φ1 <i>9</i> 0.70	ψ152. <del>+</del> 7	φ250.00

#### **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.	\$12.93	1	\$12.93	\$12.93
		Subtotals:	\$12.93	\$12.93

\$132.49

\$250.00

Subtotals: **\$198.76** 

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	NATURITA 29.00 45.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$1,324.46	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$16.67	_

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.64	0.64
Return Time (Hours):	0.64	0.64
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.29	1.29

#### JOB TIME AND COST

Total job time: 4.58 Hours

Total job cost: \$1,341