



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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 \$6,942.00. 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

Task description: Cost Summary

Site: Wedding Bell Project (Rim
Rock Area)

Permit Action: New App

Permit/Job#: P2021010

PROJECT IDENTIFICATION

Task #: 000
Date: 4/27/2022
User: LJW

State: Colorado
County: Montrose

Abbreviation: None
Filename: P010-000

Agency or organization name: DRMS

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>SUBTOTALS:</u>				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):	<u>\$0</u>	Total =	<u>\$0</u>
Engineering work and/or contract/bid preparation:	<u>0.00</u>	Total =	<u>\$0</u>
Reclamation management and/or administration:	<u>5.00</u>		<u>\$331</u>

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$2,319

TOTAL BOND AMOUNT (direct + indirect) = \$6,942

BOREHOLE SEALING WORK

Task description: P & A drill holes

Site: Wedding Bell Project (Rim
Rock Area)

Permit Action: New App

Permit/Job#: P2021010

PROJECT IDENTIFICATION

Task #: 001
Date: 4/27/2022
User: LJW

State: Colorado
County: Montrose

Abbreviation: None
Filename: P010-001

Agency or organization name: DRMS

UNIT COSTS

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

Job Hours: 16.00

Total Cost: \$379.00

BULLDOZER WORKTask description: **Regrade Pads and Roads**Site: **Wedding Bell Project (Rim
Rock Area)**

Permit Action:

New AppPermit/Job#: P2021010**PROJECT IDENTIFICATION**Task #: 002State: ColoradoAbbreviation: NoneDate: 4/27/2022County: MontroseFilename: P010-002User: LJWAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D6T LGPHorsepower: 200Blade Type: StraightAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$66.27	NA
Operating Cost/Hour:	\$66.34	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$173.91	
Total Fleet Cost/Hour:	\$173.91	

MATERIAL QUANTITIESInitial Volume: 259Swell factor: 1.000Loose volume: 259 LCYSource of estimated volume: 2 pads 50*50*1/27 + 200 LF, 10ft w roadsSource of estimated swell
factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 50 feetUnadjusted hourly
production: 444.6 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push
gradient: 0 %Average site altitude: 6,620 feetMaterial weight: 3,300 lbs/LCYWeight description: Decomposed rock - 75% Rock, 25% Earth

Job Condition Correction Factor

		<u>Source</u>
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: **1.87** Hours
Total job cost: **\$325**

REVEGETATION WORKTask description: Revegetate Affected Lands

Site: Wedding Bell Project (Rim Rock Area) Permit Action: New App Permit/Job#: P2021010

PROJECT IDENTIFICATION

Task #: 003 State: Colorado Abbreviation: None
 Date: 4/27/2022 County: Montrose Filename: P010-003
 User: LJW

Agency or organization name: DRMS**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

Totals Seed Mix	9.47	54.54	\$133.35
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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

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
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres: 0.23 Cost /Acre: \$3,501.41
 Estimated Failure Rate: 60% Cost /Acre*: \$3,501.41
 *Selected Replanting Work Items: TILLING,SEEDING

Initial Job Cost: **\$805.32**
 Reseeding Job Cost: **\$483.19**
 Total Job Cost: **\$1,289**
 Job Hours: **8.00**

REVEGETATION WORKTask description: Secondary Seeding of Affected LandsSite: Wedding Bell Project (Rim
Rock Area)Permit Action: New AppPermit/Job#: P2021010**PROJECT IDENTIFICATION**Task #: 003A
Date: 4/27/2022
User: LJWState: Colorado
County: MontroseAbbreviation: None
Filename: P010-003aAgency or organization name: DRMS**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
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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

Totals Seed Mix	9.47	54.54	\$133.35
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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

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
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres: 0.23 Cost /Acre: \$3,501.41
 Estimated Failure Rate: 60% Cost /Acre*: \$3,501.41
 *Selected Replanting Work Items: TILLING,SEEDING

Initial Job Cost: **\$805.32**
 Reseeding Job Cost: **\$483.19**
 Total Job Cost: **\$1,289**
 Job Hours: **8.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilization**Site: **Wedding Bell Project (Rim
Rock Area)**Permit Action: **New App**Permit/Job#: **P2021010****PROJECT IDENTIFICATION**

Task #: **004** State: **Colorado** Abbreviation: **None**
 Date: **4/27/2022** County: **Montrose** Filename: **P010-004**
 User: **LJW**

Agency or organization name: **DRMS****EQUIPMENT TRANSPORT RIG COST**

Shift basis: **1 per day**
 Cost Data Source: **CRG Data**

Truck Tractor Description: **GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)**Truck Trailer Description: **GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)****Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$21.28	\$37.94	\$47.67
Operating Cost/Hour:	\$26.55	\$50.48	\$56.21
Operator Cost/Hour:	\$20.54	\$20.54	\$20.54
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$68.37	\$132.49	\$147.95

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D6T LGP	26.87	\$66.27	\$132.49	1	\$198.76	\$132.49	\$250.00
Subtotals:					\$198.76	\$132.49	\$250.00

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

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	NATURITA	
Total one-way travel distance:	29.00	miles
Average Travel Speed:	45.00	mph

Total Non-Roadable Mob/Demob Cost *	\$1,324.46
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$16.67
** one round trip, no haul rig:	

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
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Total job cost:	\$1,341
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