



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

June 28, 2019

Jodi Schreiber  
Fremont Paving & Redi-Mix, Inc.  
839 Mackenzie Ave  
PO Box 841  
Canon City, CO 81212

**Re: Mask Ranch Pit #2, Permit No. M-2018-015, Financial Warranty Reduction Approval, Revision No. SR-1**

Jodi Schreiber:

On June 28, 2019 the Division of Reclamation, Mining and Safety **approved** your request for a Financial Warranty Reduction to **\$16,822.00**. This is a reduction of **\$28,178.00**. Please see the enclosed Reclamation Cost Estimate Worksheets for details. This decision reduces the amount of the financial warranty, and does not approve any release of reclamation responsibility for the tasks associated with this request.

Please provide a rider to the current Financial Warranty, or submit a new Financial Warranty reflecting this reduction. If you wish to submit a different type of Financial Warranty, please contact our office for the applicable form. For bonding related questions please contact Gabriel Benvenuti at the Division's Denver Office at 303-866-3567 Ext. 8148. If you have any other 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](mailto:lucas.west@state.co.us).

Sincerely,

Lucas J. West  
Environmental Protection Specialist

cc: Gabriel R. Benvenuti, Division of Reclamation, Mining and Safety



## COST SUMMARY WORK

Task description: Cost Summary

Site: Mask Ranch Pit #2

Permit Action: 2019 Update

Permit/Job#: M2018015

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 5/22/2019

County: Archuleta

Filename: M015-000

User: LJW

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Revegetate new pond shores and stockpile areas	REVEGE	1	24.00	\$11,217
002	Mob/ Demob	MOBILIZE	1	3.24	\$1,651
<b><u>SUBTOTALS:</u></b>				<b>27.24</b>	<b>\$12,868</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$260

Performance bond: 1.05

Total = \$135

Job superintendent: 13.62

Total = \$995

Profit: 10.00

Total = \$1,287

TOTAL O & P = \$2,677

CONTRACT AMOUNT (direct + O & P) = \$15,545

#### 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: 5.00

\$777

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$3,954

**TOTAL BOND AMOUNT (direct + indirect) = \$16,822**

**REVEGETATION WORK**Task description: Revegetate new pond shores and stockpile areasSite: Mask Ranch Pit #2Permit Action: 2019 UpdatePermit/Job#: M2018015**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 5/22/2019County: ArchuletaFilename: M015-001User: LJWAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$0.00</b>

**Application**

Description	Cost /Acre
	\$
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$0.00</b>

**TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$106.29
<b>Total Tilling Cost/Acre</b>	<b>\$106.29</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Mountain Brome - Bromar	2.50	4.02	\$11.13
Sideoats Grama - Butte	0.50	1.64	\$4.95
Sandberg Bluegrass - VNS	0.40	8.49	\$3.30
Slender Wheatgrass - Native	3.00	10.95	\$8.64
Thickspike Wheatgrass - Critana	1.50	5.30	\$8.81
Western Wheatgrass - Native	2.10	5.30	\$15.06
<b>Totals Seed Mix</b>	<b>10.00</b>	<b>35.71</b>	<b>\$51.88</b>

**Application**

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00
<b>Total Seed Application Cost/Acre</b>	<b>\$232.00</b>

**MULCHING and MISCELLANEOUS****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - Rodeo @ 2.0 pt/ac	2.00	ACRE	\$3.90	\$7.80
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$288.00	\$576.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$583.80</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$68.78
Weed spray, hand, aquatic area, nox. [DMG]	\$175.00
<b>Total Mulch Application Cost/Acre</b>	<b>\$243.78</b>

**NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$0.00</b>

**JOB TIME AND COST**

No. of Acres: 7.5                      Cost /Acre: \$1,217.75  
 Estimated Failure Rate: 25%                      Cost /Acre\*: \$1,111.46  
 \*Selected Replanting Work Items: SEEDING,MULCHING

Initial Job Cost: **\$9,133.13**  
 Reseeding Job Cost: **\$2,083.99**  
 Total Job Cost: **\$11,217**  
 Job Hours: **24.00**

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mob/ Demob**Site: **Mask Ranch Pit #2**Permit Action: 2019 UpdatePermit/Job#: M2018015**PROJECT IDENTIFICATION**Task #: 002State: ColoradoAbbreviation: NoneDate: 5/22/2019County: ArchuletaFilename: M015-002User: LJWAgency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck 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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
Ownership Cost/Hour:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

**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
Drill/Broadcast Seeder with Tractor	25.00	\$15.54	\$88.67	1	\$104.21	\$88.67	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$8.33	\$88.67	1	\$97.00	\$88.67	\$250.00
Subtotals:					<b>\$201.21</b>	<b>\$177.34</b>	<b>\$500.00</b>

**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.	\$12.23	1	\$12.23	\$12.23
Subtotals:			<b>\$12.23</b>	<b>\$12.23</b>

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	<u>PAGOSA SPRINGS</u>	
Total one-way travel distance:	<u>1.50</u>	miles
Average Travel Speed:	<u>25.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$1,649.06</u>
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$1.47</u>
** one round trip, no haul rig:	

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.06</u>	<u>0.06</u>
Return Time (Hours):	<u>0.06</u>	<u>0.06</u>
Loading Time (Hours):	<u>0.75</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.75</u>	<u>NA</u>
Subtotals:	<u>1.62</u>	<u>0.12</u>

**JOB TIME AND COST**

Total job time:	<u>3.24</u>	Hours
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Total job cost:	<u>\$1,651</u>
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