



COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman St. Room 215
Denver, CO 80203

October 19, 2017

Joseph C. Welte
Mayne Block & Stone Company
P.O. Box 533
Pueblo, CO 81002

**Re: Dotsero Quarry, Permit No. M-1987-074, Financial Warranty Reduction Approval,
Revision No. SR-1**

Mr. Welte:

On October 19, 2017 the Division of Reclamation, Mining and Safety (Division) approved your request for a Financial Warranty Reduction to \$29,398.14. This is a reduction of \$6,101.86. 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.

The operator provided a modified seed mix with the surety reduction request. The change to the seed mix cannot be approved as part of a surety reduction request and must be done by submitting a technical revision.

Currently the Division holds only \$100.00 and the Bureau of Land Management holds the remaining \$35,400.00 reclamation bond. The BLM and Division have agreed that the entire bond should be placed with the Division. Once the required additional \$29,298.14 is placed with the Division the operator can request that the BLM release the \$35,400.00.

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.

If you have any questions, please contact me at (970) 241-2042.

Sincerely,

Travis Marshall
Environmental Protection Specialist

Enclosure(s) – Updated Reclamation Cost Estimate



cc: Barbara J. Coria, Division of Reclamation, Mining and Safety

Jessica Lopez Pearce
Bureau of Land Management
Colorado River Valley Field Office
2300 River Frontage Road
Silt, CO 81652

M-FW-13

COST SUMMARY WORK

Task description: _____

Site: Dotsero Quarry

Permit Action: SR-1

Permit/Job#: M1987074

PROJECT IDENTIFICATION

Task #: 001

State: Colorado

Abbreviation: None

Date: 10/10/2017

County: Eagle

Filename: M074-001

User: THM

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Revegetate affected areas	REVEGE	1	15.00	\$22,839.00
02a	Mobilize reclamation crew and equipment	MOBILIZE	1	2.57	\$759.00
<u>SUBTOTALS:</u>				17.57	\$23,598

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$476.68

Performance bond: 1.05

Total = \$247.78

Job superintendent: 8.79

Total = \$641.74

Profit: 10.00

Total = \$2,359.80

TOTAL O & P = \$3,726.00

CONTRACT AMOUNT (direct + O & P) = \$27,324.00

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 0.00

Total = 0.00

Engineering work and/or contract/bid preparation: 0.00

Total = \$0.00

Reclamation management and/or administration: 5.00

\$1,366.20

CONTINGENCY: 3.00

Total = \$707.94

TOTAL INDIRECT COST = \$5,800.14

TOTAL BOND AMOUNT (direct + indirect) = \$29,398.14

REVEGETATION WORKTask description: Revegetate affected areasSite: Dotsero QuarryPermit Action: SR-1Permit/Job#: M1987074**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 10/4/2017County: EagleFilename: M074-01aUser: THMAgency 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
Chisel plowing {DMG}	\$90.60
Weed control spraying (MEANS 31 31 16.13 3100)	\$242.00
Total Tilling Cost/Acre	\$332.60

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	3.00	48.97	\$43.50
Crested Wheatgrass - Nordan	3.00	13.77	\$12.00
Slender Wheatgrass - Native	8.00	29.20	\$22.56
Sage, Fringed	0.25	20.89	\$10.25
Sagebrush, Wyoming Big	0.25	14.78	\$5.81
Saltbush, Four Wing	0.25	0.34	\$3.13
Basin Wildrye - Trailhead	8.00	32.51	\$120.40
		160.47	\$217.65

Totals Seed Mix	22.75		
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Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$261.00	\$522.00
Total Mulch Materials Cost/Acre				\$522.00

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$66.02
Total Mulch Application Cost/Acre	\$66.02

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: 13 Cost /Acre: \$1,405.49
 Estimated Failure Rate: 25% Cost /Acre*: \$1,405.49
 *Selected Replanting Work Items: TILLING,SEEDING,MULCHING
 Initial Job Cost: \$18,271.37
 Reseeding Job Cost: \$4,567.84
 Total Job Cost: \$22,839
 Job Hours: 15.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Mobilize reclamation crew and equipmentSite: Dotsero QuarryPermit Action: SR-1Permit/Job#: M1987074**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 10/10/2017County: EagleFilename: M074-02aUser: THMAgency 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:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
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	\$12.22	\$88.67	1	\$100.89	\$88.67	\$250.00

Subtotals: **\$100.89** **\$88.67** **\$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.	\$12.26	1	\$12.26	\$12.26

Subtotals: **\$12.26** **\$12.26**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: EAGLE
 Total one-way travel distance: 5.00 miles
 Average Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost * \$755.94
 * two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$3.50
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.14	0.14
Return Time (Hours):	0.14	0.14
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.29	0.29

JOB TIME AND COST

Total job time: 2.57 Hours

Total job cost: \$759