



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

November 1, 2022

Brian Clappe
Bureau of Land Management
Tres Rios Field Office
29211 HWY 184
Dolores, CO 81323

Re: Cedar Point Picture Rock Quarry, File No. M-2004-048, Surety Reduction Request, Request for Concurrence

Dear Mr. Clappe,

On September 21, 2022 the Division of Reclamation, Mining and Safety received a Surety Reduction Request for the above listed site. Based on the details provided by the Operator and conditions observed during the previous inspection conducted by the Bureau of Land Management (BLM), Division Staff has estimated the remaining Reclamation Cost to ensure reclamation of all affected lands at \$1,478.00. 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 Operator and the excess surety returned. 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: Travis Marshall, DRMS



COST SUMMARY WORK

Task description: Cost Summary

Site: Cedar Point Picture Rock
Quarry

Permit Action: SR1

Permit/Job#: M2004048

PROJECT IDENTIFICATION

Task #: 000
Date: 11/1/2022
User: LJW

State: Colorado
County: San Miguel

Abbreviation: None
Filename: M048-000

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Secondary Seeding, assume .75 Acres	REVEGE	1	2.00	\$1,206
002	Mobilization	MOBILIZE	1	1.37	\$39
<u>SUBTOTALS:</u>				3.37	\$1,245

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$25
Performance bond:	1.05	Total =	\$13
Job superintendent:	0.00	Total =	\$0
Profit:	10.00	Total =	\$124
		TOTAL O & P =	\$163
		CONTRACT AMOUNT (direct + O & P) =	\$1,408

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		\$70

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$233

TOTAL BOND AMOUNT (direct + indirect) = \$1,478

REVEGETATION WORKTask description: Secondary Seeding, assume .75 AcresSite: Cedar Point Picture Rock
Quarry

Permit Action:

SR1Permit/Job#: M2004048PROJECT IDENTIFICATIONTask #: 001State: ColoradoAbbreviation: NoneDate: 11/1/2022County: San MiguelFilename: M048-001User: LJWAgency or organization name: DRMSFERTILIZING**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}	\$98.43
Total Tilling Cost/Acre	\$98.43

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.60	23.42	\$17.09
Indian Ricegrass - Native	6.50	21.04	\$42.25
Galleta	5.00	18.25	\$111.75
Saltbush, Four Wing - Dewinged	5.00	8.03	\$92.50
Winter Fat	4.00	10.19	\$82.00
Totals Seed Mix	21.10	80.93	\$345.59

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
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$7.94	\$7.94
Straw, delivered {MEANS 31 25 14.16 1200}	1.50	TON	\$421.36	\$632.04
Total Mulch Materials Cost/Acre				\$639.98

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$73.00
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
Total Mulch Application Cost/Acre	\$256.16

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: 0.75 Cost /Acre: \$1,607.38
 Estimated Failure Rate: 30% Cost /Acre*: \$0.00
 *Selected Replanting Work Items: NONE

Initial Job Cost: **\$1,205.54**
 Reseeding Job Cost: **\$0.00**
 Total Job Cost: **\$1,206**
 Job Hours: **2.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilization**Site: **Cedar Point Picture Rock
Quarry**

Permit Action:

SR1

Permit/Job#: M2004048

PROJECT IDENTIFICATION

Task #: 002

State: Colorado

Abbreviation: None

Date: 11/1/2022

County: San Miguel

Filename: M048-002

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:	\$15.25	\$23.06	\$37.58
Operating Cost/Hour:	\$25.26	\$30.83	\$51.41
Operator Cost/Hour:	\$27.71	\$27.71	\$27.71
Helper Cost/Hour:	\$0.00	\$20.22	\$20.22
Total Unit Cost/Hour:	\$68.22	\$101.82	\$136.92

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
Subtotals:					\$0.00	\$0.00	\$0.00

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.	\$14.23	1	\$14.23	\$14.23
Drill/Broadcast Seeder with Tractor	\$13.99	1	\$13.99	\$13.99
Subtotals:			\$28.22	\$28.22

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	NATURITA	
Total one-way travel distance:	24.00	miles
Average Travel Speed:	35.00	mph

Total Non-Roadable Mob/Demob Cost *	\$0.00
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$38.70
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.69	0.69
Return Time (Hours):	0.69	0.69
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.37	1.37

JOB TIME AND COST

Total job time:	1.37	Hours
-----------------	------	-------

Total job cost:	\$39
-----------------	------