



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

1313 Sherman St. Room 215
Denver, CO 80203

April 2, 2019

Jason Burkey
Oldcastle SW Group, Inc. dba United Companies of Mesa County
2273 River Road
Grand Junction, CO 81502-3609

**Re: Virginia Acres, Permit No. M-1990-021, Financial Warranty Reduction Approval, Revision
No. SR-1**

Jason Burkey:

On April 2, 2019 the Division of Reclamation, Mining and Safety approved your request for a Financial Warranty Reduction to \$6,790.00 (see enclosed). This is a reduction of \$23,210.00. 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.

If you have any questions, please contact me.

Sincerely,

Amy C. Yeldell
Environmental Protection Specialist

cc: Barbara J. Coria, DRMS
Travis Marshall, DRMS
Peter Firmin, CPW

M-FW-13



COST SUMMARY WORK

Task description: Revised reclamation plan updates

Site: Virginia Acres

Permit Action: TR-5

Permit/Job#: M1990021

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 2/7/2019

County: Mesa

Filename: M021-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Reveg 3.37 ac	REVEGE	1	5.00	\$3,602
002	Initial Mobilization	MOBILIZE	1	2.30	\$745
003	Secondary Mobilization	MOBILIZE	1	2.30	\$745
<u>SUBTOTALS:</u>				9.6	\$5,092

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$103

Performance bond: 1.05

Total = \$53

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$509

TOTAL O & P = \$666

CONTRACT AMOUNT (direct + O & P) = \$5,758

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$245

Reclamation management and/or administration: 5.00

\$288

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$1,698

TOTAL BOND AMOUNT (direct + indirect) = \$6,790

REVEGETATION WORKTask description: Reveg 3.37 acSite: Virginia AcresPermit Action: TR-5Permit/Job#: M1990021**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 2/7/2019County: MesaFilename: M021-001User: ACYAgency 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
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)-Seedbed Prep	\$106.29
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)-Post Seeding Contact	\$106.29
Total Tilling Cost/Acre	\$212.58

SEEDING

Seed Mix *Operator Provided Costs-Manually Enter	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
* AC Saltlander, Wheatgrass \$12.00 PLS	4.41	?	\$52.92
*Meadow Foxtail (coated) - Garrison \$4.35 PLS	1.11	?	\$4.83
Wheatgrass, Tall - Jose \$4.07	9.21	16.70	\$37.49
*Ryegrass, Perennial Forage - Fusta \$1.60 PLS	9.42	?	\$15.07
*Fescue, Tall Forage - Fawn \$1.90 PLS	9.88	?	\$18.77
*Sainfoin - Shoshone \$1.70 PLS	8.95	?	\$15.22
		?	\$144.30

Totals Seed Mix	42.98		
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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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$2.81	\$2.81
Herbicide - Tordon 22K @ 1.0 pt/ac	1.00	ACRE	\$12.38	\$12.38
Total Mulch Materials Cost/Acre				\$15.19

Application

Description	Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]	\$73.22
Total Mulch Application Cost/Acre	\$73.22

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: 3.37 Cost /Acre: \$712.51
 Estimated Failure Rate: 50% Cost /Acre*: \$712.51
 *Selected Replanting Work Items: SEEDING,MULCHING,TILLING

Initial Job Cost: **\$2,401.16**
 Reseeding Job Cost: **\$1,200.58**
 Total Job Cost: **\$3,601.74**
 Job Hours: **5.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **Virginia Acres**Permit Action: **TR-5**Permit/Job#: **M1990021****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **2/26/2019**County: **Mesa**Filename: **M021-002**User: **ACY**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:	\$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

Subtotals: **\$104.21** **\$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, 1 T. Crew	\$47.74	1	\$47.74	\$47.74

Subtotals: **\$47.74** **\$47.74**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: GRAND JUNCTION
 Total one-way travel distance: 3.00 miles
 Average Travel Speed: 40.00 mph

Total Non-Roadable Mob/Demob Cost * \$737.35
 * two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$7.16
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.08	0.08
Return Time (Hours):	0.08	0.08
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.15	0.15

JOB TIME AND COST

Total job time: 2.30 Hours

Total job cost: \$745

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Secondary Mobilization**Site: **Virginia Acres**Permit Action: **TR-5**Permit/Job#: **M1990021****PROJECT IDENTIFICATION**Task #: **003**State: **Colorado**Abbreviation: **None**Date: **2/26/2019**County: **Mesa**Filename: **M021-002**User: **ACY**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:	\$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

Subtotals: **\$104.21** **\$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, 1 T. Crew	\$47.74	1	\$47.74	\$47.74

Subtotals: **\$47.74** **\$47.74**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>GRAND JUNCTION</u>	
Total one-way travel distance:	<u>3.00</u>	miles
Average Travel Speed:	<u>40.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$737.35</u>
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 '* two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$7.16</u>
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 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.08</u>	<u>0.08</u>
Return Time (Hours):	<u>0.08</u>	<u>0.08</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.15</u>	<u>0.15</u>

JOB TIME AND COST

Total job time:	<u>2.30</u>	Hours
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Total job cost:	<u>\$745</u>
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