



**COLORADO**

**Division of Reclamation,  
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

April 26, 2016

Joe Schluter  
Skanska, USA Civil West R.M.D. Inc.  
22419 CR G  
P.O. Box 1660  
Cortez, CO 81321

**Re: Craig Pit, Permit No. M-1976-027, Financial Warranty Reduction Approval,  
Revision No. SR-1**

Dear Mr. Schluter:

On April 25, 2016 the Division of Reclamation, Mining and Safety approved your request for a Financial Warranty Reduction to **\$27,731.00** from the currently held **\$158,692.74**. This is a reduction of \$130,961.74. 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 contact Barbra Coria at our Denver Office at (303)-866-3567 Ext. 8148, to make arrangements for replacement of the current financial warranty with a financial warranty in the reduced amount, as calculated for the approved SR01.

If you require any additional information, have any questions or concerns, please contact me at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203 or by phone at (970)-243-6368.

Sincerely,

**Lucas J. West**  
Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203  
**Phone:** (970)-243-6368

cc: Barbara J. Coria, DRMS Bonding Specialist  
Russ Means, Senior Environmental Protection Specialist, GJFO Supervisor  
Encl: Reclamation Cost Estimate Worksheets



## COST SUMMARY WORK

Task description: Cost Summary

Site: Craig Pit

Permit Action: SR01 2016

Permit/Job#: M1976027

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 4/25/2016

County: La Plata

Filename: M027-000

User: LJW

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Seed Pit Floor	REVEGE	1	0.00	\$9,830.00
002	Hydroseed and mulch side slopes	REVEGE	1	0.00	\$12,487.00
003	Mobilization to and from the site	MOBILIZE	1	2.26	\$1,692.00
<b><u>SUBTOTALS:</u></b>				<b>2.26</b>	<b>\$24,009</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$484.98

Performance bond: 1.05

Total = \$252.09

Job superintendent: 1.13

Total = \$84.16

Profit: 10.00

Total = \$2,400.90

TOTAL O & P = \$3,222.13

CONTRACT AMOUNT (direct + O & P) = \$27,231.13

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00

Total = 500.00

Engineering work and/or contract/bid preparation: 0.00

Total = \$0.00

Reclamation management and/or administration: 0.00

\$0.00

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$3,722.13

**TOTAL BOND AMOUNT (direct + indirect) = \$27,731.13**

**REVEGETATION WORK**Task description: Seed Pit FloorSite: Craig PitPermit Action: SR01 2016Permit/Job#: M1976027**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 4/25/2016County: La PlataFilename: M027-001User: 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
	\$
<b>Total Tilling Cost/Acre</b>	<b>\$0.00</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Arizona Fescue - Redondo	2.00	22.96	\$22.10
Blue Grama - Native	2.00	32.64	\$20.74
Crested Wheatgrass - Standard	2.00	9.18	\$4.44
Smooth Brome - Lincoln	4.00	13.31	\$5.32
Intermediate Wheatgrass - Oahe	2.00	4.27	\$4.38
Sheep Fescue - Azay	2.00	31.22	\$5.58
Pubescent Wheatgrass - VNS	3.00	6.20	\$5.91
Slender Wheatgrass - Native	7.00	25.55	\$15.75
Western Wheatgrass - Native	3.00	7.58	\$9.15

<b>Totals Seed Mix</b>	27.00	152.92	<b>\$93.37</b>
------------------------	-------	--------	----------------

## Application

Description	Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)	\$434.00
<b>Total Seed Application Cost/Acre</b>	<b>\$434.00</b>

## MULCHING and MISCELLANEOUS

## Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$265.00	\$530.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$530.00</b>

## Application

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

## 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:	7	Cost /Acre:	\$1,123.39
Estimated Failure Rate:	25%	Cost /Acre*:	\$1,123.39
*Selected Replanting Work Items:	SEEDING,MULCHING		
Initial Job Cost:	\$7,863.73		
Reseeding Job Cost:	\$1,965.93		
Total Job Cost:	\$9,830		
Job Hours:	0.00		

**REVEGETATION WORK**Task description: Hydroseed and mulch side slopesSite: Craig PitPermit Action: SR01 2016Permit/Job#: M1976027**PROJECT IDENTIFICATION**Task #: 002State: ColoradoAbbreviation: NoneDate: 4/25/2016County: La PlataFilename: M027-002User: 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
	\$
<b>Total Tilling Cost/Acre</b>	<b>\$0.00</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Arizona Fescue - Redondo	2.00	22.96	\$22.10
Blue Grama - Native	2.00	32.64	\$20.74
Crested Wheatgrass - Standard	2.00	9.18	\$4.44
Smooth Brome - Lincoln	4.00	13.31	\$5.32
Intermediate Wheatgrass - Oahe	2.00	4.27	\$4.38
Sheep Fescue - Azay	2.00	31.22	\$5.58
Pubescent Wheatgrass - VNS	3.00	6.20	\$5.91
Slender Wheatgrass - Native	7.00	25.55	\$15.75
Western Wheatgrass - Native	3.00	7.58	\$9.15

<b>Totals Seed Mix</b>	27.00	152.92	<b>\$93.37</b>
------------------------	-------	--------	----------------

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Hydro seeding (MEANS 32 92 19.14 0200)	\$936.54
<b>Total Seed Application Cost/Acre</b>	<b>\$936.54</b>

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

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

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Hydromulching (MEANS 32 92 19.13 1100)	\$968.00
<b>Total Mulch Application Cost/Acre</b>	<b>\$968.00</b>

**NURSERY STOCK PLANTING**

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

**JOB TIME AND COST**

No. of Acres:	5	Cost /Acre:	\$1,997.91
Estimated Failure Rate:	25%	Cost /Acre*:	\$1,997.91
*Selected Replanting Work Items:	SEEDING,MULCHING		
Initial Job Cost:	<b>\$9,989.55</b>		
Reseeding Job Cost:	<b>\$2,497.39</b>		
Total Job Cost:	<b>\$12,487</b>		
Job Hours:	<b>0.00</b>		

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Mobilization to and from the siteSite: Craig PitPermit Action: SR01 2016Permit/Job#: M1976027**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 4/25/2016County: La PlataFilename: M027-003User: 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	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Hydroseeder with Tractor	28.00	\$65.89	\$117.55	1	\$183.44	\$117.55	\$250.00

Subtotals: **\$311.70** **\$206.22** **\$500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
---------------------	------------------------	------------	-----------------------------	-------------------------------

Subtotals: **\$0.00** **\$0.00**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	<u>DURANGO</u>	
Total one-way travel distance:	<u>2.00</u>	miles
Average Travel Speed:	<u>30.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$1,692.46</u>
'* two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$0.00</u>
** one round trip, no haul rig:	

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.07</u>	<u>0.07</u>
Return Time (Hours):	<u>0.07</u>	<u>0.07</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.13</u>	<u>0.13</u>

**JOB TIME AND COST**

Total job time: 2.27 Hours

Total job cost: \$1,692