

## COST SUMMARY WORK

Task description: Post Inspection Update

Site: Ducray Pit #2

Permit Action: 2022

Permit/Job#: M2019035

### PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 4/25/2022

County: Mesa

Filename: M035-ACY

User: ACY

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Seeding disturbed areas	REVEGE	1	4.00	\$2,397
02a	Weed treatments	REVEGE	1	4.00	\$59
03a	Mobilization	MOBILIZE	1	2.22	\$828
<b><u>SUBTOTALS:</u></b>				<b>10.22</b>	<b>\$3,284</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$66

Performance bond: 1.05

Total = \$34

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$328

TOTAL O & P = \$429

CONTRACT AMOUNT (direct + O & P) = \$3,713

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$158

Reclamation management and/or administration: 5.00

\$186

CONTINGENCY: 3.00

Total = \$99

TOTAL INDIRECT COST = \$1,371

**TOTAL BOND AMOUNT (direct + indirect) = \$4,655**

**REVEGETATION WORK**Task description: Seeding disturbed areasSite: Ducray Pit #2Permit Action: 2022Permit/Job#: M2019035**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 4/25/2022County: MesaFilename: M035-01aUser: ACYAgency 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)	\$114.56
Weed control spraying (MEANS 31 31 16.13 3100)	\$290.40
<b>Total Tilling Cost/Acre</b>	<b>\$404.96</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.20	7.81	\$5.70
Indian Ricegrass - Native	7.40	23.95	\$48.10
Sand Dropseed	0.20	23.88	\$1.95
Great Basin Wildrye - Magnar	2.00	8.13	\$23.10
Bottlebrush Squirreltail	4.80	21.16	\$77.88
Galleta	2.00	7.30	\$44.70
Western Wheatgrass - Rosanna	3.00	7.58	\$17.25
Saltbush, Four Wing	5.40	7.44	\$67.50
Globemallow, Scarlet (or copper)	1.00	11.32	\$135.50

Saltbush, Shadscale	4.00	5.97	\$40.00
Winter Fat	4.80	12.23	\$98.40
<b>Totals Seed Mix</b>	34.80	136.76	<b>\$560.08</b>

**Application**

Description	Cost /Acre
Hydro seeding (MEANS 32 92 19.14 0200)	\$965.73
<b>Total Seed Application Cost/Acre</b>	<b>\$965.73</b>

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

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$2.98	\$2.98
Tackifier, <10 acres {Materials Only}	1.00	ACRE	\$424.71	\$424.71
<b>Total Mulch Materials Cost/Acre</b>				<b>\$427.69</b>

**Application**

Description	Cost /Acre
NA-mulch application incl. with hydroseeding	\$0.00
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
<b>Total Mulch Application Cost/Acre</b>	<b>\$62.72</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: 0.66                      Cost /Acre: \$2,421.18  
 Estimated Failure Rate: 50%                      Cost /Acre\*: \$2,421.18  
 \*Selected Replanting Work Items: TILLING,SEEDING,MULCHING  
 Initial Job Cost: **\$1,597.98**  
 Reseeding Job Cost: **\$798.99**  
 Total Job Cost: **\$2,397**  
 Job Hours: **4.00**

**REVEGETATION WORK**Task description: Weed treatmentsSite: Ducray Pit #2Permit Action: 2022Permit/Job#: M2019035**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 4/25/2022County: MesaFilename: M035-02aUser: ACYAgency 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
			\$
<b>Totals Seed Mix</b>	0.00	0.00	<b>\$0.00</b>

**Application**

Description	Cost /Acre
	\$

<b>Total Seed Application Cost/Acre</b>	<b>\$0.00</b>
---	---------------

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

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$2.98	\$2.98
Herbicide - Plateau @ 1.0 pt/ac	1.00	ACRE	\$10.99	\$10.99
Herbicide - Tordon 22K @ 1.0 pt/ac	1.00	ACRE	\$13.13	\$13.13
<b>Total Mulch Materials Cost/Acre</b>				<b>\$27.10</b>

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
<b>Total Mulch Application Cost/Acre</b>	<b>\$62.72</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:	0.66	Cost /Acre:	\$89.82
Estimated Failure Rate:	50%	Cost /Acre*:	\$0.00
*Selected Replanting Work Items:	NONE		

Initial Job Cost:	<b>\$59.28</b>
Reseeding Job Cost:	<b>\$0.00</b>
Total Job Cost:	<b>\$59</b>
Job Hours:	<b>4.00</b>

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mobilization**Site: **Ducray Pit #2**Permit Action: **2022**Permit/Job#: **M2019035****PROJECT IDENTIFICATION**Task #: **03A**State: **Colorado**Abbreviation: **None**Date: **4/25/2022**County: **Mesa**Filename: **M035-03a**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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
Ownership Cost/Hour:	\$21.28	\$37.94	\$47.67
Operating Cost/Hour:	\$26.55	\$50.48	\$56.21
Operator Cost/Hour:	\$20.54	\$20.54	\$20.54
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$68.37	\$132.49	\$147.95

**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
Hydroseeder with Tractor	28.00	\$13.97	\$132.49	1	\$146.46	\$132.49	\$250.00

Subtotals: **\$146.46** **\$132.49** **\$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.	\$41.16	1	\$41.16	\$41.16

Subtotals: **\$41.16** **\$41.16**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	GRAND JUNCTION, CO	
Total one-way travel distance:	<u>2.50</u>	miles
Average Travel Speed:	<u>45.00</u>	mph
Total Non-Roadable Mob/Demob Cost *	\$823.91	
'* two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	<u>\$4.57</u>	
** one round trip, no haul rig:		

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.06	0.06
Return Time (Hours):	0.06	0.06
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.11	0.11

**JOB TIME AND COST**

Total job time:	<u>2.22</u>	Hours
Total job cost:	<u>\$828</u>	