

COST SUMMARY WORK

Task description: Post inspection update 2023

Site: Virginia Acres

Permit Action: 2023

Permit/Job#: M1990021

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 4/3/2023

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
01a	Reveg 3.37 ac	REVEGE	1	5.00	\$3,560
02a	Initial Mobilization	MOBILIZE	1	2.30	\$678
03a	Secondary Mobilization	MOBILIZE	1	2.30	\$678
<u>SUBTOTALS:</u>				9.6	\$4,916

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$99

Performance bond: 1.05

Total = \$52

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$492

TOTAL O & P = \$643

CONTRACT AMOUNT (direct + O & P) = \$5,559

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$236

Reclamation management and/or administration: 5.00

\$278

CONTINGENCY: 3.00

Total = \$147

TOTAL INDIRECT COST = \$1,804

TOTAL BOND AMOUNT (direct + indirect) = \$6,720

REVEGETATION WORKTask description: Reveg 3.37 acSite: Virginia AcresPermit Action: 2023Permit/Job#: M1990021PROJECT IDENTIFICATIONTask #: 01AState: ColoradoAbbreviation: NoneDate: 4/3/2023County: MesaFilename: M021-01aUser: ACYAgency 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} Seed bed prep	\$98.43
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100) Soil to seed contact (no mulch broadcast)	\$117.18
Total Tilling Cost/Acre	\$215.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Ryegrass, Perennial - Forage-Fusta	9.42	53.41	\$16.01
Tall Fescue - Fawn E.F.	9.88	51.49	\$19.02
Meadow Foxtail - Garrison	1.11	14.78	\$8.09
Tall Wheatgrass - Jose	9.21	16.70	\$31.08
Sainfoin - Shoshone	8.95	3.90	\$15.22
AC Saltlander Wheatgrass	4.41	11.14	\$52.92
Totals Seed Mix	42.98	151.42	\$142.34

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	\$3.04	\$3.04
Herbicide - Tordon 22K @ 1.0 pt/ac	1.00	ACRE	\$13.40	\$13.40
Total Mulch Materials Cost/Acre				\$16.44

Application

Description	Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
Total Mulch Application Cost/Acre	\$62.72

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: \$704.33
 Estimated Failure Rate: 50% Cost /Acre*: \$704.33
 *Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: \$2,373.59
 Reseeding Job Cost: \$1,186.80
 Total Job Cost: \$3,560
 Job Hours: 5.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **Virginia Acres**Permit Action: **2023**Permit/Job#: **M1990021****PROJECT IDENTIFICATION**Task #: **02A**State: **Colorado**Abbreviation: **None**Date: **4/3/2023**County: **Mesa**Filename: **M021-02a**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:	\$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
Drill/Broadcast Seeder with Tractor	25.00	\$6.25	\$68.22	1	\$74.47	\$68.22	\$250.00

Subtotals: **\$74.47** **\$68.22** **\$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	\$52.53	1	\$52.53	\$52.53

Subtotals: **\$52.53** **\$52.53**

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>\$670.34</u>
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 '* two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$7.88</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>\$678</u>
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EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary MobilizationSite: Virginia AcresPermit Action: 2023Permit/Job#: M1990021**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 4/3/2023County: MesaFilename: M021-03aUser: ACYAgency 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:	\$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
Drill/Broadcast Seeder with Tractor	25.00	\$6.25	\$68.22	1	\$74.47	\$68.22	\$250.00

Subtotals: **\$74.47** **\$68.22** **\$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	\$52.53	1	\$52.53	\$52.53

Subtotals: **\$52.53** **\$52.53**

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>\$670.34</u>
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* two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$7.88</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>\$678</u>
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