

COST SUMMARY WORK

Task description: _____

Site: Hubbs Pit Permit Action: 2024-01-19 Update Permit/Job#: M1987088
SR1

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 1/19/2024 County: La Plata Filename: M088-000
User: DMC
Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Revegetate	REVEGE	1	7.00	\$33,627
02a	Mobilize/Demobilize	MOBILIZE	1	5.33	\$998
<u>SUBTOTALS:</u>				12.33	\$34,625

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$699
Performance bond:	1.05	Total =	\$364
Job superintendent:	0.00	Total =	\$0
Profit:	10.00	Total =	\$3,462
		TOTAL O & P =	\$4,525
		CONTRACT AMOUNT (direct + O & P) =	\$39,150

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		\$1,958

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$6,483

TOTAL BOND AMOUNT (direct + indirect) = \$41,108

REVEGETATION WORKTask description: RevegetateSite: Hubbs Pit Permit Action: 2024-01-19 Update
SR1Permit/Job#: M1987088**PROJECT IDENTIFICATION**Task #: 01A State: Colorado Abbreviation: None
Date: 1/19/2024 County: La Plata Filename: M088-01a
User: DMCAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
8-32-16, 16-20-0	200.00	pound	\$0.90	\$179.34
Total Fertilizer Materials Cost/Acre				\$179.34

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$41.82
Total Fertilizer Application Cost/Acre	\$41.82

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate –PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Orchardgrass - Paiute	0.40	4.96	\$1.63
Crested Wheatgrass - Fairway	1.20	5.51	\$4.83
Smooth Brome - Lincoln	3.90	12.98	\$12.97
Pubescent Wheatgrass - Luna	3.50	7.23	\$11.90
Western Wheatgrass - Arriba	3.20	8.08	\$20.80
Totals Seed Mix	12.20	38.76	\$52.13

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00
Total Seed Application Cost/Acre	\$232.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.01	\$4.01
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
Total Mulch Materials Cost/Acre				\$863.58

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Power mulcher (MEANS 32 91 13.16 0350)	\$147.67
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
Total Mulch Application Cost/Acre	\$405.29

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:	15	Cost /Acre:	\$1,886.98
Estimated Failure Rate:	20%	Cost /Acre*:	\$1,774.16
*Selected Replanting Work Items:	FERTILIZING, SEEDING, MULCHING		

Initial Job Cost:	\$28,304.70
Reseeding Job Cost:	\$5,322.48
Total Job Cost:	\$33,627
Job Hours:	7.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilize/Demobilize**Site: **Hubbs Pit** Permit Action: 2024-01-19 Update
SR1

Permit/Job#: M1987088

PROJECT IDENTIFICATIONTask #: 02A State: Colorado Abbreviation: None
Date: 1/19/2024 County: La Plata Filename: M088-02a
User: DMC

Agency or organization name: DRMS

EQUIPMENT TRANSPORT RIG COSTShift basis: 1 per day
Cost 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:	\$20.26	\$36.04	\$47.05
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

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
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$0.00
Power Mulcher (Bowie LD-90)	6.00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$0.00

Subtotals: **\$197.25** **\$164.58** **\$0.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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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>25.00</u>	miles
Average Travel Speed:	<u>30.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$997.55</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>0.83</u>	<u>0.83</u>
Return Time (Hours):	<u>0.83</u>	<u>0.83</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>2.67</u>	<u>1.67</u>

JOB TIME AND COST

Total job time:	<u>5.33</u>	Hours
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Total job cost:	<u>\$998</u>
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