

COST SUMMARY WORK

Task description: Reclamation Cost Estimate

Site: MR Nick Permit Action: Reclamation Cost Estimate

Permit/Job#: P2018017

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 1/15/2019 County: Montrose Filename: P017-000
User: DMC

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Seal Boreholes	BOREHOLE	1	12.00	\$3,198.00
02a	Revegetate disturbed area	REVEGE	1	1.00	\$263.00
03a	Mobilize reclamation crew and equipment	MOBILIZE	1	1.60	\$31.00
<u>SUBTOTALS:</u>				14.6	\$3,492

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$70.54
Performance bond:	1.05	Total =	\$36.67
Job superintendent:	0.00	Total =	\$0.00
Profit:	10.00	Total =	\$349.20

TOTAL O & P = \$456.41

CONTRACT AMOUNT (direct + O & P) = \$3,948.41

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	0.00	Total =	0.00
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0.00
Reclamation management and/or administration:	5.00		\$197.42

CONTINGENCY: 0.00 Total = \$0.00

TOTAL INDIRECT COST = \$653.83

TOTAL BOND AMOUNT (direct + indirect) = \$4,145.00

BOREHOLE SEALING WORK

Task description: Seal Boreholes

Site: MR Nick Permit Action: Reclamation Cost Estimate Permit/Job#: P2018017

PROJECT IDENTIFICATION

Task #: 01A State: Colorado Abbreviation: None
Date: 1/15/2019 County: Montrose Filename: P017-01a
User: DMC
Agency or organization name: DRMS

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Nick	Portland cement grout - 5 in. (labor, equip, materials)	5	200	200.00	LF	\$5.33	\$1,066.00
Nick 2	Portland cement grout - 5 in. (labor, equip, materials)	5	400	400.00	LF	\$5.33	\$2,132.00

Job Hours: 12.00

Total Cost: \$3,198.00

REVEGETATION WORKTask description: Revegata disturbed areaSite: MR Nick Permit Action: Reclamation Cost EstimatePermit/Job#: P2018017**PROJECT IDENTIFICATION**

Task #: 02A State: Colorado Abbreviation: None
 Date: 1/15/2019 County: Montrose Filename: P017-02a
 User: DMC

Agency 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
Hand raking (MEANS 32 91 13.23 0250)	\$1,393.92
Weed control spraying (MEANS 31 31 16.13 3100)	\$193.60
Total Tilling Cost/Acre	\$1,587.52

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Bottlebrush Squirreltail	8.00	35.26	\$192.48
Western Wheatgrass - Native	8.00	20.20	\$57.36
Totals Seed Mix	16.00	55.46	\$249.84

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22

Total Seed Application Cost/Acre	\$267.22
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MULCHING and MISCELLANEOUS**Materials**

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

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

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: 0.1
 Estimated Failure Rate: 25%
 *Selected Replanting Work Items: TILLING, SEEDING

Cost /Acre: \$2,104.58
 Cost /Acre*: \$2,104.58

Initial Job Cost: **\$210.46**
 Reseeding Job Cost: **\$52.61**
 Total Job Cost: **\$263**
 Job Hours: **1.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilize reclamation crew and equipment**

Site: **MR Nick** Permit Action: **Reclamation Cost Estimate** Permit/Job#: **P2018017**

PROJECT IDENTIFICATION

Task #: **03A** State: **Colorado** Abbreviation: **None**
 Date: **1/15/2019** County: **Montrose** Filename: **P017-03a**
 User: **DMC**

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
Subtotals:					\$0.00	\$0.00	\$0.00

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	\$19.39	1	\$19.39	\$19.39
Subtotals:			\$19.39	\$19.39

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	NUCLA	
Total one-way travel distance:	20.00	miles
Average Travel Speed:	25.00	mph

Total Non-Roadable Mob/Demob Cost *	\$0.00
'* two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$31.02
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.80	0.80
Return Time (Hours):	0.80	0.80
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.60	1.60

JOB TIME AND COST

Total job time:	1.60	Hours
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Total job cost:	\$31
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