



January 2, 2024

Leon Moores  
Moores Mining, LLC  
32905 Highway 141  
Gateway, CO 81522

***RE: Moores Pit, Permit No. M-1980-170, Proposed Surety Increase SI-5***

Dear Mr. Moores:

This reclamation cost update was in response to the site inspection conducted on December 19, 2023. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

The bond was last recalculated in 2018 with SI-4. Below is a table summarizing input values that have been updated in since the SI-4 calculation. This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation plan.

Task	Form Used	Description
01a	Dozer	Reduce main highwall to 3H: 1V 45'H, 500LF @ 1H: 1V = 9,375 BCY Prev: 50'H x 350LF = 16,052 BCY
02a	Dozer	Misc grading and sloping Phase 1, 2, 3 No Changes use CN-1 estimate 18,412 CCY
03a	Dozer	Replace 6" of fines as growth material 17 ac @ 6" = 13,713 CCY, push 250 LF Prev: 18 ac @ 6" = 16,000 LCY, push 200LF



Task	Form Used	Description
04a	Reveg	Reveg with Type A seed mix Reveg 6 ac (Phase 1, 2 ,3 rec plan), remove secondary fertilizer app, use tractor to apply fertilizer rather than push spreader Prev: 8 ac w/ 30% failure
05a	Reveg	Reveg with Type B seed mix Reveg 11 ac (Phase 1, 2 ,3 rec plan), remove secondary fertilizer app, corrected seed mix, use tractor to apply fertilizer rather than push spreader Prev: 10 Ac w/ 30% Failure
06a	Demo	Add in scale house Demo 10' x 25' x 8' wood bldg. on site bury
07a/b	Mob	Update equipment 2 Dozers
Indirect		Update hrs

Per policy I wanted to send this out for review prior to issuance. Please look it over and let me know if there are errors or concerns. If no response is received by Friday, March 1, 2024 then I'll issue SI-5 as is. SI-5 will result in a total required bond amount of **\$154,622**, which is an increase of \$62,772 over the \$91,850 currently held.

Sincerely,



**Amy Yeldell**  
Environmental Protection Specialist

Ec:  
Travis Marshall, Senior EPS, Grand Junction DRMS

## COST SUMMARY WORK

Task description: Post inspection update

Site: Moores Pit

Permit Action: 2023-12

Permit/Job#: M1980178

### PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 1/2/2024

County: Mesa

Filename: M178-ACY

User: ACY

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Reduce main highwall to 3H: 1V	DOZER	2	25.45	\$21,652
02a	Misc grading and sloping Phase 1, 2, 3	DOZER	2	33.90	\$28,842
03a	Replace 6" of fines of growth medium	DOZER	2	29.92	\$25,454
04a	Reveg with "Type A" seed mix	REVEGE	1	8.00	\$14,891
05a	Reveg with "Type B" seed mix	REVEGE	1	16.00	\$25,436
06a	Demo on site features	DEMOLISH	1	4.00	\$389
07a	Initial mobilization of equipment	MOBILIZE	1	6.00	\$6,978
07b	Secondary mobilization of equipment	MOBILIZE	1	6.00	\$2,454
<b><u>SUBTOTALS:</u></b>				<b>129.27</b>	<b>\$126,096</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$2,547

Performance bond: 1.05

Total = \$1,324

Job superintendent: 64.64

Total = \$4,206

Profit: 10.00

Total = \$12,610

TOTAL O & P = \$20,687

CONTRACT AMOUNT (direct + O & P) = \$146,783

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 0.00

Total = \$0

Reclamation management and/or administration: 5.00

\$7,339

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$28,526

**TOTAL BOND AMOUNT (direct + indirect) = \$154,622**

**BULLDOZER WORK**Task description: **Reduce main highwall to 3H: 1V**Site: **Moore's Pit**Permit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-01aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$241.38	NA
Operating Cost/Hour:	\$143.92	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: \$425.34Total Fleet Cost/Hour: **\$850.67****MATERIAL QUANTITIES**Initial Volume: 9,375Swell factor: 1.430Loose volume: **13,406 LCY**Source of estimated volume: 45' H 500FL @ 1:1 cyt/fillSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 150 feetUnadjusted hourly production: 634.3 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: -15 %Average site altitude: 6,100 feetMaterial weight: 3,300 lbs/LCYWeight description: Decomposed rock - 75% Rock, 25% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4152

Adjusted unit production: 263.36 LCY/hr

Adjusted fleet production: **526.72 LCY/hr**

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$1.615/LCY

Total job time: **25.45** Hours

Total job cost: **\$21,652**

**BULLDOZER WORK**Task description: Misc grading and sloping Phase 1, 2, 3Site: Moore's PitPermit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-02aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$241.38	NA
Operating Cost/Hour:	\$143.92	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: \$425.34Total Fleet Cost/Hour: \$850.67**MATERIAL QUANTITIES**Initial Volume: 18,415Swell factor: 1.215Loose volume: 22,374 LCYSource of estimated volume: CN-1 Cost EstimateSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 100 feetUnadjusted hourly production: 852.6 LCY/hrMaterials consistency description: Consolidated stockpile 1.0Average push gradient: -5 %Average site altitude: 6,100 feetMaterial weight: 3,300 lbs/LCYWeight description: Decomposed rock - 75% Rock, 25% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3870

Adjusted unit production: 329.96 LCY/hr

Adjusted fleet production: **659.92 LCY/hr**

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$1.289/LCY

Total job time: **33.90** Hours

Total job cost: **\$28,842**

**BULLDOZER WORK**Task description: **Replace 6" of fines of growth medium**Site: **Moore's Pit**Permit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-03aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$241.38	NA
Operating Cost/Hour:	\$143.92	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: \$425.34Total Fleet Cost/Hour: **\$850.67****MATERIAL QUANTITIES**Initial Volume: 13,713Swell factor: 1.060Loose volume: **14,536 LCY**Source of estimated volume: 6" over 17 acSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 250 feetUnadjusted hourly production: 377.8 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: -10 %Average site altitude: 6,100 feetMaterial weight: 2,400 lbs/LCYWeight description: Sand - Dry, loose**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)



Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6429

Adjusted unit production: 242.89 LCY/hr

Adjusted fleet production: **485.78** LCY/hr

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$1.751/LCY

Total job time: **29.92** Hours

Total job cost: **\$25,454**

**REVEGETATION WORK**Task description: Reveg with "Type A" seed mixSite: Moore's PitPermit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-04aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.50	\$99.34
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$99.34</b>

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alfalfa - Common	12.00	57.85	\$30.60
Indian Ricegrass - Paloma	3.00	9.71	\$33.38
Sand Dropseed	0.25	29.84	\$2.44
Sideoats Grama - Butte	0.75	2.46	\$6.75
Hard Fescue - Discovery	5.00	64.85	\$14.63
Galleta	5.00	18.25	\$111.75
Western Wheatgrass - Arriba	7.50	18.94	\$48.75
Needle and Thread	0.25	0.66	\$10.46
Timothy, Alpine - Native	2.00	59.69	\$48.50
<b>Totals Seed Mix</b>	<b>35.75</b>	<b>262.26</b>	<b>\$307.25</b>

**Application**

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

**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
<b>Total Mulch Materials Cost/Acre</b>				<b>\$863.58</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Power mulcher (MEANS 32 91 13.16 0350)	\$147.67
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
<b>Total Mulch Application Cost/Acre</b>	<b>\$284.85</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:	6	Cost /Acre:	\$1,941.66
Estimated Failure Rate:	30%	Cost /Acre*:	\$1,800.50
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		
Initial Job Cost:	<b>\$11,649.96</b>		
Reseeding Job Cost:	<b>\$3,240.90</b>		
Total Job Cost:	<b>\$14,891</b>		
Job Hours:	<b>8.00</b>		

**REVEGETATION WORK**Task description: Reveg with "Type B" seed mixSite: Moore's PitPermit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 05AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-05aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.50	\$99.34
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$99.34</b>

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Arrowleaf Balsamroot	0.25	0.31	\$17.55
Indian Ricegrass - Paloma	1.00	3.24	\$11.13
Bitterbrush, Antelope	0.12	0.04	\$2.34
Galleta	2.00	7.30	\$44.70
Sage, Fringed	0.06	5.01	\$2.46
Saltbush, Gardner	2.00	5.10	\$22.75
Globemallow, Scarlet (or copper)	0.50	5.66	\$67.75
Timothy - Climax	2.00	57.39	\$3.20
Yarrow, Western	0.12	7.30	\$5.02
<b>Totals Seed Mix</b>	<b>8.05</b>	<b>91.35</b>	<b>\$176.89</b>

**Application**

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

**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
<b>Total Mulch Materials Cost/Acre</b>				<b>\$863.58</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Power mulcher (MEANS 32 91 13.16 0350)	\$147.67
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
<b>Total Mulch Application Cost/Acre</b>	<b>\$284.85</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:	11	Cost /Acre:	\$1,811.30
Estimated Failure Rate:	30%	Cost /Acre*:	\$1,670.14
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		
Initial Job Cost:	<b>\$19,924.30</b>		
Reseeding Job Cost:	<b>\$5,511.46</b>		
Total Job Cost:	<b>\$25,436</b>		
Job Hours:	<b>16.00</b>		

## DEMOLITION WORK

Task description: **Demo on site features**

Site: **Moores Pit**

Permit Action: 2023-12

Permit/Job#: M1980178

### PROJECT IDENTIFICATION

Task #: 06A

State: Colorado

Abbreviation: None

Date: 1/2/2024

County: Mesa

Filename: M178-06a

User: ACY

Agency or organization name: DRMS

### UNIT COSTS

**Location adjustment: 89.80 %**

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Scale house	10' x25' x 8'	Bldg. (SN) demo./on-site disposal in existing pit or cut - Max. 200 ft. push	2,000.00	CF	\$0.22	\$432.80

Job Hours: **4.00**

Subtotal  
(unadjusted): **\$432.80**

Total Cost  
(adjusted for location): **\$388.65**

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Initial mobilization of equipment**Site: **Moores Pit**Permit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 07AState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-07aUser: 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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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
Cat D8T - 8SU	47.71	\$241.38	\$158.17	2	\$799.10	\$316.34	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$250.00

Subtotals: **\$996.35** **\$480.92** **\$750.00****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	\$83.90	1	\$83.90	\$83.90
Light Duty Pickup, 4x4, 3/4 T.	\$88.63	1	\$88.63	\$88.63
Flatbed Truck, 4x2, 30K GVW	\$92.68	1	\$92.68	\$92.68

Subtotals: **\$265.21** **\$265.21**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	GRAND JUNCTION, CO	
Total one-way travel distance:	50.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$6,447.24	
** two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	\$530.42	
** one round trip, no haul rig:		

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

**JOB TIME AND COST**

Total job time: 6.00 Hours

Total job cost: \$6,978



**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Secondary mobilization of equipmentSite: Moores PitPermit Action: 2023-12Permit/Job#: M1980178**PROJECT IDENTIFICATION**Task #: 07BState: ColoradoAbbreviation: NoneDate: 1/2/2024County: MesaFilename: M178-07bUser: 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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$250.00

Subtotals: **\$197.25** **\$164.58** **\$500.00****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	\$83.90	2	\$167.80	\$167.80

Subtotals: **\$167.80** **\$167.80**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	GRAND JUNCTION, CO	
Total one-way travel distance:	50.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,118.16	
** two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	\$335.60	
** one round trip, no haul rig:		

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

**JOB TIME AND COST**

Total job time:	6.00	Hours
Total job cost:	\$2,454	