March 1, 2024

Zane Luttrell
Lazy K-Bar Land & Cattle Company, LLLP
70455 Buckhorn Road
Montrose, CO 81403

**Re: Uncompahgre Pit - File No. M-2013-007
Lazy K-Bar Land & Cattle Company, LLLP
Surety Increase (SI-1)**

Dear Zane Luttrell:

On March 1, 2024 the Division of Reclamation, Mining and Safety increased the Financial Warranty requirement for this permit to $715,331.00, in accordance with Rule 4.2.1 of the Rules and Regulations. **This is an increase of $615,921.96.**

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, is due within 60 days from the date of this letter (March 1, 2024).

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567 (8148), or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit after April 30, 2024, if the amount of any increased Financial Warranty has not been provided.

| | |
|---|---:|
| Bond Held: | $99,409.04 |
| Prior Liability: | $99,409.04 |
| Change in Liability: | $615,921.96 |
| Revised Liability: | $715,331.00 |
| Prior Permit Acreage: | 244.25 |
| Change in Permit Acreage: | 0.00 |

| | |
|---|---|
| Revised Permit Acreage: | 244.25 |
| Prior Affected Acreage: | 0.00 |
| Change in Affected Acreage: | 0.00 |
| Revised Affected Acreage: | 0.00 |

If you have any questions, please contact me by telephone at (303) 866-3567 x 8188, or by email at Dustin.czapla@state.co.us.

Sincerely,

Dustin M. Czapla
Environmental Protection Specialist

M-GR-04

# COST SUMMARY WORK

Task description: **2024-02-21 Review**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 000
Date: 2/21/2024
User: DMC

State: Colorado
County: Montrose

Abbreviation: None
Filename: M007-000

Agency or organization name: DRMS

## TASK LIST (DIRECT COSTS)

| Task | Description | Form Used | Fleet Size | Task Hours | Cost |
|---|---|---|---|---|---|
| 01a | Demolish and remove mine related structures | DEMOLISH | 1 | 10.00 | $828 |
| 02a | Highwall reduction | DOZER | 2 | 7.64 | $7,056 |
| 03a | Rip Pit Floor | RIPPER | 2 | 31.62 | $29,701 |
| 04a | Replace OVB 1'D pit floor area | SCRAPER1 | 1 | 58.14 | $166,572 |
| 05a | Replace topsoil 1'D over disturbed area | SCRAPER1 | 1 | 57.63 | $165,106 |
| 06a | Grade pit area | GRADER | 1 | 24.44 | $4,159 |
| 07a | Revegetate affected lands | REVEGE | 1 | 40.00 | $211,466 |
| 08a | Haul reclamation equipment to and from job site | MOBILIZE | 1 | 2.80 | $10,525 |
| | | | **SUBTOTALS:** | **232.27** | **$595,413** |

## INDIRECT COSTS

OVERHEAD AND PROFIT:

| | | | |
|---|---|---|---|
| Liability insurance: | 2.02 | Total = | $12,027 |
| Performance bond: | 1.05 | Total = | $6,252 |
| Job superintendent: | 116.13 | Total = | $7,558 |
| Profit: | 10.00 | Total = | $59,541 |
| | | TOTAL O & P = | $85,378 |
| | | CONTRACT AMOUNT (direct + O & P) = | $680,791 |

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 | | $34,040 |
| CONTINGENCY: | 0.00 | Total = | $0 |

TOTAL INDIRECT COST = $119,918

**TOTAL BOND AMOUNT (direct + indirect) = $715,331**

# DEMOLITION WORK

Task description: **Demolish and remove mine related structures**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 01A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-01a
User: DMC

Agency or organization name: DRMS

**UNIT COSTS** **Location adjustment: 94.70 %**

| Structure or Item Description | Dimensions | Demolition Menu Selection | Quantity | Unit | Unit Cost | Total Cost |
|---|---|---|---|---|---|---|
| Concrete foundation for truck scales | 4 x 12'L | Demo. and on-site disposal in existing pit, 1.5 ft. x 3 ft. - Max. 200 ft. push | 48.00 | LF | $11.26 | $540.49 |
| Spill containment structures for fuel tanks | 2 (10'W x 20'L) | Demo. and on-site disposal in existing pit, 4 in. thick - Max. 200 ft. push | 400.00 | SF | $0.83 | $333.64 |

**Job Hours:** **10.00** **Subtotal (unadjusted):** **$874.13** **Total Cost (adjusted for location):** **$827.80**

# BULLDOZER WORK

Task description: **Highwall reduction**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 02A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-02a
User: DMC

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU
Horsepower: 405
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $238.76 | NA |
| Operating Cost/Hour: | $162.29 | 100 |
| Ripper own. Cost/Hour: | $18.32 | NA |
| Ripper op. Cost/Hour: | $0.90 | 10 |
| Operator Cost/Hour: | $41.30 | NA |

Total unit Cost/Hour: $461.57
Total Fleet Cost/Hour: **$923.14**

## MATERIAL QUANTITIES

Initial Volume: 15,625
Swell factor: 1.125
Loose volume: **17,578** LCY

Source of estimated volume: Current Conditions-7,500 lf x 15'h 1:1 - 3:1
Source of estimated swell factor: NA

## HOURLY PRODUCTION

Average push distance: 50 feet
Unadjusted hourly production: 2,110.5 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: -10 %
Average site altitude: 6,400 feet

Material weight: 2,550 lbs/LCY

Weight description: Earth - Dry packed

| Job Condition Correction Factor | | Source |
|---|---|---|
| Operator Skill: | 0.750 | (AVG.) |
| Material consistency: | 0.900 | (CAT HB)) |
| Dozing method: | 1.100 | (50% SL) |
| 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: | 0.902 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.5448

Adjusted unit production: 1,149.80 LCY/hr
Adjusted fleet production: **2299.6** LCY/hr

## JOB TIME AND COST

Fleet size: 2 Dozer(s)
Unit cost: $0.401/LCY

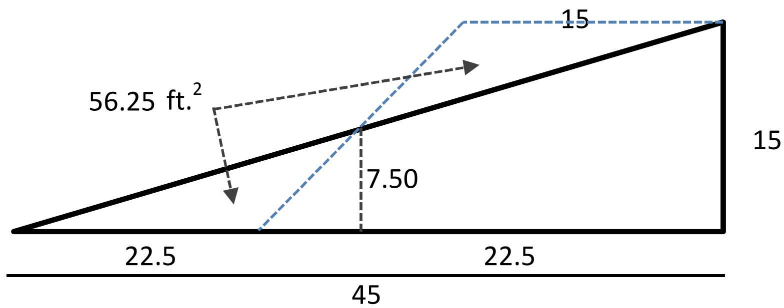
Total job time: **7.64** Hours
Total job cost: **$7,056**

## Highwall reduction - cut and fill

| | | |
|---|---|---|
| Highwall Height (ft.) | 15.0 | |
| Length of Highwall (lft.) | 7500 | |
| Initial Slope | 1.0 | H:1V |
| Desired Slope | 3 | H:1V |
| Volume of material to be moved ($ft.^3$) | **421,875** | |
| Volume of material to be moved ($yd.^3$) | **15,625** | |

All dimensions measured in feet

Drawing not to scale



# BULLDOZER RIPPING WORK

Task description: **Rip Pit Floor**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 03A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-03a
User: DMC

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU Horsepower: 405
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $238.76 | NA |
| Operating Cost/Hour: | $162.29 | 100 |
| Ripper Ownership Cost/Hour: | $18.32 | NA |
| Ripper Operating Cost/Hour: | $8.98 | 100 |
| Operator Cost/Hour: | $41.30 | NA |
| Total Unit Cost/Hour: | $469.65 | |

Total Fleet Cost/Hour: **$939.30**

## MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 40.00 acres Rip Depth (ft): 1.00 Volume: 64,533 BCY or CCY

Source of estimated quantity: Current Conditions

## HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

| | | |
|---|---|---|
| Average Ripping Depth: | 2.63 | feet/pass |
| Average Ripping Width: | 7.67 | feet/pass |
| Average Ripping Length: | 100.00 | feet/pass |
| Average Dozer Speed: | 88.00 | feet/minute |
| Average Maneuver Time: | 0.25 | minutes/pass |
| Production per unit area: | 0.762 | acres/hour |

Job Condition Correction Factors

| | | |
|---|---|---|
| Unadjusted Hourly Unit Production: | 0.762 | Acres/hr |
| Site Altitude: | 6,400 | feet |
| Altitude Adj: | 1.00 | (CAT HB) |
| Job Efficiency: | 0.83 | (1 shift/day) |
| Net Correction: | 0.83 | multiplier |
| Adjusted Hourly Unit Production: | 0.63 | Acres/hr |
| Adjusted Hourly Fleet Production: | **1.26** | Acres/hr |

## JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: **31.62** Hours

Unit cost: $742.531 Per acre Total job cost: **$29,701**

# SCRAPER TEAM WORK

Task description: **Replace OVB 1'D pit floor area**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 04A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-04a
User: DMC

Agency or organization name: DRMS

## HOURLY EQUIPMENT

COSTShift basis: 1 per day

| | Equipment Description |
|---|---|
| -Scraper: | Cat 657G w/push-pull |
| -Dozer: | Cat D9T - 9SU |
| Support Equipment -Load Area: | Cat D9T - 9SU |
| -Dump Area: | Cat D9T - 9SU |
| Road Maintenance –Motor Grader: | NA |
| -Water Truck: | NA |

**Cost Breakdown:**

| | Scraper Work Team | | Support Equipment | | Maintenance Equipment | |
|---|---|---|---|---|---|---|
| | Scraper | Dozer | Load Area | Dump Area | Motor Grader | Water Truck |
| %Utilization-machine: | 100 | 100 | 100 | 100 | NA | NA |
| Ownership cost/hour: | $379.25 | $238.76 | $238.76 | $238.76 | NA | NA |
| Operating cost/hour: | $358.77 | $162.29 | $162.29 | $162.29 | NA | NA |
| %Utilization-ripper: | NA | NA | NA | NA | NA | NA |
| Ripper own. cost/hour: | NA | $0.00 | $0.00 | $0.00 | NA | NA |
| Ripper op. cost/hour: | NA | $0.00 | $0.00 | $0.00 | NA | NA |
| Operator cost/hour: | $30.90 | $41.30 | $41.30 | $41.30 | NA | NA |
| Unit Subtotals: | $768.92 | $442.35 | $442.35 | $442.35 | NA | NA |
| Number of Units: | 2 | 1 | 1 | 1 | 0 | 0 |
| Group Subtotals: | Work: | $1,980.19 | Support: | $884.70 | Maint: | $0.00 |

Total work team cost/hour: **$2,864.89**

## MATERIAL QUANTITIES

Initial volume: 64,533 CCY Swell factor: 1.000
Loose volume: **64,533** LCY

Source of estimated volume: Current conditions 40 ac. x 1' depth
Source of estimated swell factor: NA

## HOURLY PRODUCTION

Scraper Bowl (volume) Basis:

Material weight: 2,550 lbs/LCY Struck Volume: 32.00 LCY
Material description: Earth - Dry packed Heaped Volume: 44.00 LCY
Rated Payload: 104,000 pounds Average Volume: 38.00 LCY
Payload Capacity: 40.78 LCY Adjusted Capacity: **38.00** LCY

Cycle Time:

Scraper Loading Time: 1.10 Minutes
Maneuver and Spread Time: 0.60 Minutes

Job Condition Correction: Site Altitude: 6400 feet

| | Scraper | Push Dozer | Source |
|---|---|---|---|
| Altitude Adj: | 1.000 | 1.000 | (CAT HB) |
| Job Efficiency: | 0.830 | 0.830 | (CAT HB) |
| Net Correction: | 0.830 | 0.830 | |

Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|---|---|---|---|---|---|---|
| 1 | 1600.00 | -4.70 | 5.00 | 0.30 | 3067 | 0.73 |

Haul Time: **0.73** minutes

Return Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|---|---|---|---|---|---|---|
| 1 | 1600.00 | 4.70 | 5.00 | 9.70 | 1913 | 0.98 |

Return Time: **0.98** minutes

Total Scraper team cycle time: **3.41** minutes
Adjusted for job conditions: 1,109.91 LCY/Hour
Selected Number of Scrapers: 2 Scraper(s)
Adjusted single scraper team (unit) hourly production: 1,109.91 LCY/Hour
Adjusted multiple scraper team (fleet) hourly production: **1,109.91** LCY/Hour

Unadjusted unit production/hour: 1,337.24 LCY/Hour
Optimal Number of Scrapers per push dozer: ______

## JOB TIME AND COST

Fleet size: 1 Team(s) Total job time: **58.14** Hours

Unit cost: $2.581 /LCY Total job cost: **$166,572**

# SCRAPER TEAM WORK

Task description: **Replace topsoil 1'D over disturbed area**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 05A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-05a
User: DMC

Agency or organization name: DRMS

## HOURLY EQUIPMENT

COSTShift basis: 1 per day

| | Equipment Description |
|---|---|
| -Scraper: | Cat 657G w/push-pull |
| -Dozer: | Cat D9T - 9SU |
| Support Equipment -Load Area: | Cat D9T - 9SU |
| -Dump Area: | Cat D9T - 9SU |
| Road Maintenance –Motor Grader: | NA |
| -Water Truck: | NA |

**Cost Breakdown:**

| | Scraper Work Team | | Support Equipment | | Maintenance Equipment | |
|---|---|---|---|---|---|---|
| | Scraper | Dozer | Load Area | Dump Area | Motor Grader | Water Truck |
| %Utilization-machine: | 100 | 100 | 100 | 100 | NA | NA |
| Ownership cost/hour: | $379.25 | $238.76 | $238.76 | $238.76 | NA | NA |
| Operating cost/hour: | $358.77 | $162.29 | $162.29 | $162.29 | NA | NA |
| %Utilization-ripper: | NA | NA | NA | NA | NA | NA |
| Ripper own. cost/hour: | NA | $0.00 | $0.00 | $0.00 | NA | NA |
| Ripper op. cost/hour: | NA | $0.00 | $0.00 | $0.00 | NA | NA |
| Operator cost/hour: | $30.90 | $41.30 | $41.30 | $41.30 | NA | NA |
| Unit Subtotals: | $768.92 | $442.35 | $442.35 | $442.35 | NA | NA |
| Number of Units: | 2 | 1 | 1 | 1 | 0 | 0 |
| Group Subtotals: | Work: | $1,980.19 | Support: | $884.70 | Maint: | $0.00 |

Total work team cost/hour: **$2,864.89**

## MATERIAL QUANTITIES

Initial volume: 64,533 CCY Swell factor: 1.000
Loose volume: **64,533** LCY

Source of estimated volume: Current conditions 40 ac. x 1' depth
Source of estimated swell factor: NA

## HOURLY PRODUCTION

Scraper Bowl (volume) Basis:

Material weight: 1,600 lbs/LCY
Material description: Top Soil
Rated Payload: 104,000 pounds
Payload Capacity: 65.00 LCY

Struck Volume: 32.00 LCY
Heaped Volume: 44.00 LCY
Average Volume: 38.00 LCY
Adjusted Capacity: **38.00** LCY

Cycle Time:

Scraper Loading Time: 1.10 Minutes
Maneuver and Spread Time: 0.60 Minutes

Job Condition Correction: Site Altitude: 6400 feet

| | Scraper | Push Dozer | Source |
|---|---|---|---|
| Altitude Adj: | 1.000 | 1.000 | (CAT HB) |
| Job Efficiency: | 0.830 | 0.830 | (CAT HB) |
| Net Correction: | 0.830 | 0.830 | |

Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|---|---|---|---|---|---|---|
| 1 | 1600.00 | -4.70 | 5.00 | 0.30 | 3067 | 0.70 |

Haul Time: **0.70** minutes

Return Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|---|---|---|---|---|---|---|
| 1 | 1600.00 | 4.70 | 5.00 | 9.70 | 1913 | 0.98 |

Return Time: **0.98** minutes

Total Scraper team cycle time: **3.38** minutes
Adjusted for job conditions: 1,119.76 LCY/Hour
Selected Number of Scrapers: 2 Scraper(s)
Adjusted single scraper team (unit) hourly production: 1,119.76 LCY/Hour
Adjusted multiple scraper team (fleet) hourly production: **1,119.76** LCY/Hour

Unadjusted unit production/hour: 1,349.11 LCY/Hour
Optimal Number of Scrapers per push dozer: ____

## JOB TIME AND COST

Fleet size: 1 Team(s) Total job time: **57.63** Hours

Unit cost: $2.558 /LCY Total job cost: **$165,106**

# MOTOR GRADER WORK

Task description: **Grade pit area**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

| | | | | | |
|---|---|---|---|---|---|
| Task #: | 06A | State: | Colorado | Abbreviation: | None |
| Date: | 2/21/2024 | County: | Montrose | Filename: | M007-06a |
| User: | DMC | | | | |

Agency or organization name: DRMS

## HOURLY EQUIPMENT COST

| | | | |
|---|---|---|---|
| Basic Machine: | CAT 120M | Horsepower: | 138 |
| Ripper Attachment: | | Shift Basis: | 1 per day |
| | | Data Source: | (CRG) |

Cost Breakdown:

| | | Utilization % |
|---|---|---|
| Ownership Cost/Hour: | $85.55 | NA |
| Operating Cost/Hour: | $56.03 | 100 |
| Ripper Ownership Cost/Hour: | $0.00 | NA |
| Ripper Operating Cost/Hour: | $0.00 | |
| Operator Cost/Hour: | $28.56 | NA |
| Total Unit Cost/Hour: | $170.14 | |
| Total Fleet Cost/Hour: | **$170.14** | |

## MATERIAL QUANTITIES

Total Area to be graded or ripped: 40.00 acres

Source of estimated acreage: Current conditions

## HOURLY PRODUCTION

| | | |
|---|---|---|
| Average Grader Speed: | 1.50 | mph |
| Selected Application: | Finish grading (0-2.5 mph) - 1.5 | |
| Selected Blade Angle: | 0 | degrees |
| Effective Blade Length: | 12.00 | feet |
| Width of blade overlap per pass: | 2.00 | feet |
| Net grading or ripping width per pass: | 10.00 | feet |
| Unadjusted Hourly Unit Production: | 1.8182 | acres/hour |

Job Condition Correction Factors

Site Altitude: 6400 feet

| | | Source |
|---|---|---|
| Altitude Adj: | 1.00 | (CAT HB) |
| Job Efficiency: | 0.90 | (1sh/d, fav.) |
| Net Correction: | 0.9000 | multiplier |

| | | |
|---|---|---|
| Adjusted Hourly Unit Production: | 1.6364 | acres/Hour |
| Adjusted Hourly Fleet Production: | **1.6364** | acres/Hour |

## JOB TIME AND COST

| | | | | | |
|---|---|---|---|---|---|
| Fleet size: | 1 | Grader(s) | Total job time: | **24.44** | Hours |
| Unit cost: | $103.97 | per acre | Total job cost: | **$4,159** | |

# REVEGETATION WORK

Task description: **Revegetate affected lands**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 07B State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-07a
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 |
|---|---|
| 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 |
|---|---|---|---|
| Indian Ricegrass - Native | 3.00 | 9.71 | $19.50 |
| Bottlebrush Squirreltail | 0.50 | 2.20 | $8.11 |
| Burnett, Small (or Little) - Delar | 2.00 | 2.53 | $5.00 |
| Galleta | 3.00 | 10.95 | $67.05 |
| Rabbitbrush, Rubber | 0.50 | 7.45 | $32.15 |
| Daisy, Goldenglow | 1.00 | 5.44 | $240.00 |
| Saltbush, Four Wing - Dewinged | 1.00 | 1.61 | $18.50 |
| Globemallow, Scarlet (or copper) | 0.50 | 5.66 | $67.75 |
| Saltbush, Shadscale | 0.50 | 0.75 | $5.00 |
| Winter Fat | 0.50 | 1.27 | $10.25 |

| | | | |
|---|---|---|---|
| Sulphur Flower (or Buckwheat) | 2.00 | 4.13 | $258.00 |
| **Totals Seed Mix** | 14.50 | 51.70 | **$731.31** |

**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** |
|---|---|---|---|---|
| Hay, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | $429.79 | $859.57 |
| Herbicide - Curtail @ 4.0 pt/ac | 1.00 | ACRE | $35.09 | $35.09 |
| **Total Mulch Materials Cost/Acre** | | | | **$894.66** |

**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 |
| **Total Mulch Application Cost/Acre** | **$284.85** |

## 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: 75
Estimated Failure Rate: 25%
*Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Cost /Acre: $2,255.64
Cost /Acre*: $2,255.64

Initial Job Cost: **$169,173.00**
Reseeding Job Cost: **$42,293.25**
Total Job Cost: **$211,466**
Job Hours: **40.00**

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: **Haul reclamation equipment to and from job site**

Site: **Uncompahgre Pit** Permit Action: 2024-02-21 Permit/Job#: M2013007

## PROJECT IDENTIFICATION

Task #: 08A State: Colorado Abbreviation: None
Date: 2/21/2024 County: Montrose Filename: M007-08a
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: | $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 D9T - 9SU | 66.13 | $257.08 | $175.95 | 2 | $866.06 | $351.90 | $500.00 |
| Cat 657G w/push-pull | 80.25 | $379.25 | $175.95 | 2 | $1,110.40 | $351.90 | $500.00 |
| CAT 120M | 15.53 | $85.55 | $82.29 | 1 | $167.84 | $82.29 | $500.00 |
| Drill/Broadcast Seeder with Tractor | 25.00 | $6.73 | $82.29 | 1 | $89.02 | $82.29 | $500.00 |
| Power Mulcher (Bowie LD-90) | 6.00 | $25.94 | $82.29 | 1 | $108.23 | $82.29 | $250.00 |
| | | | | Subtotals: | **$2,341.55** | **$950.67** | **$2,250.00** |

## ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|---|---|---|---|---|
| Flatbed Truck, 4x2, 30K GVW | $36.22 | 1 | $36.22 | $36.22 |
| Light Duty Pickup, 4x4, 1 T. Crew | $27.44 | 1 | $27.44 | $27.44 |
| | | Subtotals: | **$63.66** | **$63.66** |

## EQUIPMENT HAUL DISTANCE and Time

| | | |
|---|---|---|
| Nearest Major City or Town within project area region: | MONTROSE | |
| Total one-way travel distance: | 10.00 | miles |
| Average Travel Speed: | 50.00 | mph |
| Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig: | $10,499.99 | |
| Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig: | $25.46 | |

Transportation Cycle Time:

| | Non-Roadable Equipment | Roadable Equipment |
|---|---|---|
| Haul Time (Hours): | 0.20 | 0.20 |
| Return Time (Hours): | 0.20 | 0.20 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 1.40 | 0.40 |

## JOB TIME AND COST

Total job time: **2.80** Hours

Total job cost: **$10,525**