

1313 Sherman St. Room 215 Denver, CO 80203

March 24, 2021

Mr. Jason Burkey Oldcastle SW Group, Inc. dba United Companies of Mesa County 2273 River Road Grand Junction, CO 81502-3609

Re: BLM Pit No. 1, Permit No. M-2001-100, Financial Warranty Increase, Revision No. SI-1

Dear Mr. Burkey:

On March 24, 2021 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$95,739.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$35,006.00.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter. If you wish to submit a different type of Financial Warranty, please contact me such that I may send you the applicable form.

If you have any questions, please contact me.

Sincerely,

Amy C. Yeldell

Amy Geldell

Environmental Protection Specialist

cc: Sara M. Stevenson-Benn, DRMS

M-FW-14



COST SUMMARY WORK

| 7 | Task description: | March 2021 Post inspection | update | | | |
|------------|-------------------------|--------------------------------|-------------|--------------|-------------------------|--------------------|
| Site: | BLM Pit No. 1 | Permit Action: | 2021-03 | | Permit/Job | #: <u>M2001100</u> |
| <u>P</u>] | ROJECT IDENTIFIC | <u>ATION</u> | | | | |
| | Task #: ACY | State: Colorado | | | Abbreviation: | None |
| | Date: 3/24/2021 | County: Mesa | | | Filename: | M100-ACY |
| | User: ACY | | | | _ | |
| | Agency or organiz | ation name: DRMS | | | | |
| T | ASK LIST (DIRECT (| COSTS) | | | | |
| | | | Form | Fleet | Task | |
| ask | Description | | Used | Size | Hours | Cost |
| 1a | Grade Highwalls | | DOZER | 1 | 6.09 | \$1,134 |
| 2a | Rip haul road | | RIPPER | 1 | 2.06 | \$412 |
| 3a | Rip pit floor | | RIPPER | 1 | 16.41 | \$3,269 |
| 4a | Place topsoil on affect | ed areas | DOZER | 1 | 111.43 | \$20,750 |
| 5a | Reveg Affected areas | | REVEGE | 1 | 24.00 | \$45,504 |
| 0a | Initial Mobilization | | MOBILIZE | 1 | 2.44 | \$2,381 |
| 0b | Secondary Mobilization | on | MOBILIZE | 1 | 2.44 | \$1,396 |
| | | | SUBTO | OTALS: | 164.87 | \$74,846 |
| IN | NDIRECT COSTS | | | | | |
| | VERHEAD AND PROFIT | <u>Γ:</u> | | | | |
| | Liability insurance | ce: 2.02 | | | Total = \$1 | ,512 |
| | Performance bor | | | | $Total = \frac{$7}{$7}$ | |
| | Job superintende | | | | | ,733 |
| | Pro | | | | Total = | ,485 |
| | | | | TOTA | LO&P = | 5,515 |
| | | CONT | RACT AMOUNT | Γ (direct + | $- O \& P) = _{-}$9$ | 0,361 |
| LI | EGAL - ENGINEERING - | - PROJECT MANAGEMENT | : | | | |
| | Financial warranty pro | cessing (legal/related costs): | \$500 | | Total = \$5 | 00 |
| | | l/or contract/bid preparation: | 0.00 | | $Total = {\$0}$ | |
| | Reclamation manage | ement and/or administration: | 5.00 | _ | \$4 | ,518 |
| | | CONTINGENCY: | 0.00 | | Total = \$0 | |
| | | | TOTAL I | NDIREC' | T COST = \$2 | 0,533 |
| | | TOTAL BO | ND AMOUNT (| direct + i | ndirect) = \$9 | 5,379 |

BULLDOZER WORK

| Task description: | Grade | Highwall | S | | | | |
|--|------------------|----------------------|-----------------|------------------------|-----------|-------|------------|
| E BLM Pit No. 1 | | Per | mit Action: | 2021-03 | Permit/ | Job#: | M2001100 |
| PROJECT IDEN | TIFICATIO | <u>N</u> | | | | | |
| Task #: 01A | | State: | Colorado | | Abbreviat | ion: | None |
| Date: $\frac{0174}{3/24/2}$ | 2021 | County: | Mesa | | Filena | - | M100-01a |
| User: ACY | | county. | 111054 | | | | 1,1100 014 |
| | organization na | ame' DI | RMS | | | | |
| HOURLY EQUI | | | <u> </u> | | | | |
| Basic Machine: | Cat D7R DS | | П | | | | |
| Horsepower: | 240 | | | <u> </u> | | | |
| Blade Type: | Semi-Univers | sal | | | | | |
| Attachment: | NA | | | | | | |
| Shift Basis: | 1 per day | | | _ | | | |
| Data Source: | (CRG) | | | | | | |
| | | | | | | | |
| Cost Breakdown: | | | | <u>Utilization</u> | 0% | | |
| Ownership Cost/H | our: | | \$74.64 | <u>ounzation</u> NA | <u>70</u> | | |
| Operating Cost/H | | | \$74.04 | 100 | | | |
| Ripper own. Cost/H | | | \$0.00 | NA | | | |
| Ripper own. Cost/H | | | \$0.00 | 0 | | | |
| Operator Cost/H | | | \$40.04 | NA | | | |
| Operator Cost II | | | φ10.01 | INA | | | |
| MATERIAL QU Initial Volume: Swell factor: | 1,500 1.250 | | | | | | |
| Loose volume: | 1,875 LCY | | | | | | |
| Source of estimated Source of estimated | | 1300 LF Cat Hand | | 1:1 to 3:1 cut fill | | = | |
| HOURLY PROD | OUCTION | | | | | | |
| Average push distar Unadjusted hourly p | | 75 feet 854.1 LCY | /hr | | | | |
| Materials consistence | ey description: | Compa | icted fill or e | mbankment 0.9 | | | |
| Average push gradio Average site altitude | | eet | | | | | |
| Material weight: | _2,550 lb | os/LCY | | | | | |
| Weight description: | Earth - | Dry packe | d | | | | |
| Job Condition Corre | | ^ | 600 | Sour | | | |
| | rator Skill: | | .600 | (POC | | | |
| Material co | | | .900 | (CAT | | | |
| Dozir | ng method: | | .000 | (GEI | | | |
| | Visibility: | 1 | .000 | (AV | U.) | | |

| 0.830 | (1 SHIFT/DAY) |
|-------|----------------------------------|
| 0.800 | (FND-RF) |
| 1.115 | (CAT HB) |
| 1.000 | (CAT HB) |
| 0.902 | (CAT HB) |
| 1.000 | (PAT) |
| | 0.800 1.115 1.000 0.902 |

Net correction: 0.3606

Adjusted unit production: 307.99 LCY/hr
Adjusted fleet production: 307.99 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.605/LCY

Total job time: 6.09 Hours
Total job cost: \$1,134

BULLDOZER RIPPING WORK

| | Task description: | _Rip l | aul road | | | | | | |
|----------|-------------------|-------------------------------------|--|------------------|-------------|--------------------------|----------|--------|------------|
| Site | BLM Pit No. 1 | | Permit Act | ion: 2021-03 | | Perm | it/Job#: | M2001 | 100 |
| | PROJECT IDE | ENTIFICATIO | <u>ON</u> | | | | | | |
| | Task #: 02A | Α. | State: Color | rado | | Abbrev | iation: | None | |
| | | 4/2021 | County: Mesa | | | | name: | M100-0 | 2a |
| | User: AC | Y | | | | | | | |
| | Agency | or organization | name: DRMS | | | | | | |
| | HOURLY EQU | JIPMENT CO | <u>OST</u> | | | | | | |
| | Basic I | Machine: Cat | D7R DS XR Series | II | Н | orsepower: | | 240 | |
| | Ripper Atta | achment: 3-Sl | nank Ripper | | 5 | Shift Basis: | | er day | |
| | | | | | D | ata Source: | ((| CRG) | |
| | Cost Breakdown: | | | | | | | | |
| | | | | | | lization % | | | |
| | | Ownership Co | | \$74.6 | | NA | | | |
| | Dinne | Operating Co | | \$71.5 \$7.6 | | 100 | | | |
| | | er Ownership Co per Operating Co | | \$7.0 \$5.3 | | NA 100 | | | |
| | Кірр | Operator Co | | \$40.0 | | NA | | | |
| | | Total Unit Co | | \$199.1 | | | | | |
| | | Total Fleet Co | st/Hour: | \$199.14 | | | | | |
| | MATERIAL Q | | | | | | | | |
| | | | | Selected estima | iting met | hod: Area | | | |
| | Alternate Method | <u>s:</u> | | | | | | | |
| Seismic: | NA 1.26 | 0.0700 | Bank Volur Rip Depth (| | , | BCY Volume: 4,00 | | NA | BCY or CCY |
| Area: | 1.20 | acres | | | | voiume. <u>4,00</u> | JO | | BC1 01 CC1 |
| | | | nated quantity: N | line plan and ma | p | | | | |
| | HOURLY PRO | <u>DDUCTION</u> | | | | | | | |
| | Seismic: | | | 27.1 | | 0 | - | | |
| | | S | Seismic Velocity: _ | NA | | feet/second | l | | |
| | Area: | | | | | | | | |
| | | | e Ripping Depth: | 2.00 | | feet/pass | | | |
| | | | Ripping Width: | 6.50 | ` | feet/pass | | | |
| | | C | Ripping Length: _ ge Dozer Speed: | 300.00 88.00 | | feet/pass feet/minute | | | |
| | | | Maneuver Time: | 0.25 | | minutes/pa | | | |
| | | | ion per unit area: | 0.734 | | acres/hour | 55 | | |
| | Job Condition Co | rrection Factors | _ | | | | | | |
| | | | Unit Production: | 0.734 | | Acres/hr | | | |
| | 0.1. | adjusted 11s arry | _ | | | | | | |
| | | | Site Altitude: _ Altitude Adj: | 4,960 1.00 | | feet (CAT HB) | | | |
| | | | Job Efficiency: | 0.83 | | (1 shift/day | 7) | | |
| | | | Net Correction: | 0.83 | | multiplier | , | | |
| | | Adingted | – Hourly Unit Produc | | 1 | Acres/hr | | | |
| | | | Hourly Unit Production Hourly Fleet Produc | | | Acres/hr | | | |
| | JOB TIME AN | · · | • | | | | | | |
| | | 1 | Grader(s) | Total :-1 | , tima: | 3.0 | 7 | ŢŢ | Olleo |
| | Fleet size: | 1 | Grader(s) | Total job | ume: _ | 2.0 | / | H | ours |
| | Unit cost: | \$326.855 | Per acre | Total jol | b cost: | \$41 | 2 | | |

BULLDOZER RIPPING WORK

| | Task description: | Rip p | it floor | | | | | | | |
|----------|----------------------------------|--|--------------------------|--------------------|---------------|--------------|---------|-------------|--|--|
| Site | BLM Pit No. | 1 | Permit Action: | 2021-03 | · | Permit/Job#: | M20011 | 100 | | |
| | PROJECT ID | ENTIFICATION ENTIF | <u>ON</u> | | | | | | | |
| | Task #: 03. | A | State: Colorado | | Ab | breviation: | None | | | |
| | | 24/2021 | County: Mesa | | | Filename: | M100-03 | Ba | | |
| | User: AC | CY | | | | | | | | |
| | Agency | or organization | name: DRMS | | | | | | | |
| | HOURLY EQ | UIPMENT CO | <u>OST</u> | | | | | | | |
| | Basic | Machine: Cat | D7R DS XR Series II | | Horsepower: | | 240 | | | |
| | Ripper Att | tachment: 3-Sl | nank Ripper | | Shift Basis: | 1 p | er day | | | |
| | | | | | Data Source: | ((| CRG) | | | |
| | Cost Breakdown | <u>:</u> | | | | | | | | |
| | | | | | Utilization % | | | | | |
| | | Ownership Co | | \$74.64 | NA | _ | | | | |
| | . | Operating Co | | \$71.55 | 100 | <u>—</u> | | | | |
| | | er Ownership Co | | \$7.60 | NA 100 | _ | | | | |
| | Ripj | per Operating Co Operator Co | | \$5.32 \$40.04 | 100 NA | _ | | | | |
| | | Total Unit Co | | \$199.14 | INA | _ | | | | |
| | | Total Fleet Co | | 9.14 | | | | | | |
| | | | | | | | | | | |
| | MATERIAL (| | Sel | lected estimating | g method: Ar | ea | | | | |
| | Alternate Method | ds: | | | | | | | | |
| Seismic: | NA | | Bank Volume: | NA 2.00 | BCY | | NA | DCV CC | | |
| Area: | 10.00 | acres | Rip Depth (ft): | 2.00 | Volume: | 32,267 | | BCY or CC | | |
| | | Source of estin | nated quantity: Annua | al report and stat | ff estimates | | | | | |
| | HOURLY PRO | ODUCTION | | | | | | | | |
| | Seismic: | | | | | | | | | |
| | | S | eismic Velocity: | NA | feet/se | econd | | | | |
| | Aron | | | | | | | | | |
| | Area: | Average | e Ripping Depth: | 2.00 | feet/pa | 166 | | | | |
| | | | Ripping Width: | 6.50 | feet/pa | | | | | |
| | | _ | Ripping Length: | 300.00 | feet/pa | | | | | |
| | | | ge Dozer Speed: | 88.00 | feet/m | | | | | |
| | | | Maneuver Time: | 0.25 | minute | es/pass | | | | |
| | | Product | ion per unit area: | 0.734 | acres/l | hour | | | | |
| | Job Condition Correction Factors | | | | | | | | | |
| | Un | nadjusted Hourly | Unit Production: | 0.734 | Acres | /hr | | | | |
| | | | Site Altitude: | 4,960 | feet | | | | | |
| | | | Altitude Adj: | 1.00 | (CAT | HB) | | | | |
| | | | Job Efficiency: | 0.83 | (1 shif | t/day) | | | | |
| | | | Net Correction: | 0.83 | multip | olier | | | | |
| | | Adjusted l | Hourly Unit Production: | 0.61 | Acres/hr | | | | | |
| | | | Iourly Fleet Production: | | Acres/hr | | | | | |
| | JOB TIME AN | ND COST | | | | | | | | |
| | Fleet size: | 1 | Grader(s) | Total job tin | ne: | 16.41 | Но | ours | | |
| | Unit cost: | \$326.855 | Per acre | Total job co | ost: | \$3,269 | | | | |
| | | , | - ··· · · · | Joe c o | · - | , | | | | |

BULLDOZER WORK

| Task description: | Place | topsoil on | affected are | as | | |
|--|-----------------|-----------------------|--------------|----------------------|---------------|----------|
| E BLM Pit No. 1 | | Per | mit Action: | 2021-03 | Permit/Job#: | M2001100 |
| PROJECT IDEN | TIFICATIO | <u>N</u> | | | | |
| Task #: 04A | | State: | Colorado | | Abbreviation: | None |
| Date: $\frac{3/24}{2}$ | 2021 | County: | Mesa | | Filename: | M100-04a |
| User: ACY | | | | | | |
| Agency or | organization n | ame: Di | RMS | | | |
| HOURLY EQUI | | | | | | |
| Basic Machine: | Cat D7R DS | | II | | | |
| Horsepower: | 240 | | | | | |
| Blade Type: | Semi-Univer | rsal | | | | |
| Attachment: | NA | | | | | |
| Shift Basis: | 1 per day | | | <u> </u> | | |
| Data Source: | (CRG) | | | | | |
| Cost Breakdown: | | | | | | |
| | | | | <u>Utilization %</u> | | |
| Ownership Cost/H | | | \$74.64 | NA | | |
| Operating Cost/H | | | \$71.55 | 100 | | |
| Ripper own. Cost/H | | | \$0.00 | NA | | |
| Ripper op. Cost/H | | | \$0.00 | 0 | | |
| Operator Cost/H | our: | | \$40.04 | NA | | |
| Initial Volume: Swell factor: | 22,856 1.000 | | | | | |
| Loose volume: | 22,856 LCY | | | | | |
| Source of estimated Source of estimated | | 17 ac aff Cat Hand | | of soil per rec plan | | |
| HOURLY PROD | <u>OUCTION</u> | | | | | |
| Average push distant Unadjusted hourly p | | 150 feet 518.9 LCY | /hr | | | |
| Materials consistence | ey description: | Partly | consolidated | stockpile 1.1 | | |
| Average push gradic Average site altitude | | feet | | | | |
| Material weight: | 2,5501 | bs/LCY | | | | |
| Weight description: | _ Earth - | Dry packe | d | | | |
| Job Condition Corre | | | | Source | | |
| | rator Skill: | | .600 | (POOR) | | |
| Material co | | | .100 | (CAT HB) |) | |
| Dozir | ng method: | | .000 | (GEN.) | | |
| | Visibility: | 1 | .000 | (AVG.) | | |

| 0.830 | (1 SHIFT/DAY) |
|-------|-------------------------|
| 0.800 | (FND-RF) |
| 1.000 | (CAT HB) |
| 1.000 | (CAT HB) |
| 0.902 | (CAT HB) |
| 1.000 | (PAT) |
| | 1.000 1.000 0.902 |

Net correction: 0.3953

Adjusted unit production: 205.12 LCY/hr
Adjusted fleet production: 205.12 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.908/LCY

Total job time: 111.43 Hours
Total job cost: \$20,750

REVEGETATION WORK

| BLM Pit No. 1 | Per | rmit Action: 2021 | -03 | | Permit/Job# | : <u>M2001100</u> |
|--|-----------------|-------------------|-----------------------|---|---|--|
| ROJECT IDENTIFICA | ATION | | | | | |
| Task #: 05A | State: | Colorado | | ۸b | breviation: | None |
| Date: 3/24/2021 | County: | Mesa | | _ A0 | | M100-05a |
| User: ACY | County. | Wiesa | | _ | Thename. | W1100-03a |
| USCI. ACI | | | | | | |
| Agency or organiza | ation name: DF | RMS | | | | |
| ERTILIZING | | | | | | |
| aterials | | | | | | Т |
| Description | | Units / Acre | Unit | Cos | st / Unit | Cost /Acre |
| 10-34-0, 18-46-0, 5-10-5 | | 300.00 | pound | \$0.3 | 34 | \$102.00 |
| 10 0 : 0, 10 :0 0, 0 10 0 | | 200.00 | pound | | | ψ10 2. 00 |
| | | | | To | tal Fertilizer | |
| | | | | | Materials | |
| | | | | | Cost/Acre | \$102.00 |
| Description Tractor towed spreader (1) | MEANS 32 01 90 | .13 0120) | | | | Cost /Acre \$37.03 |
| | MEANS 32 01 90 | | l Fertilizer <i>A</i> | applicatio | on Cost/Acre | \$37.03 |
| Tractor towed spreader () | MEANS 32 01 90 | | l Fertilizer A | pplicatio | on Cost/Acre | |
| Tractor towed spreader (Market Spreader | MEANS 32 01 90 | | l Fertilizer A | applicatio | on Cost/Acre | \$37.03 \$37.03 |
| Tractor towed spreader (Management of the International Spreader (Manage | | Total | l Fertilizer A | Applicatio | on Cost/Acre | \$37.03 \$37.03 Cost /Acre |
| Tractor towed spreader (Market Spreader | | Total | l Fertilizer A | applicatio | on Cost/Acre | \$37.03 \$37.03 |
| Tractor towed spreader (Market Properties of Spreader (Market | | Total | | | | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of | | Total | | | on Cost/Acre | \$37.03 \$37.03 Cost /Acre |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of | | Total | T | otal Tillin | | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of | | Total | Te | otal Tillin | ng Cost/Acre | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of the control of the contr | | Total | Te | otal Tillin Rate – PLS | ng Cost/Acre Seeds per SQ. | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of the control of the contr | | Total | Te | Rate – PLS LBS / | ng Cost/Acre | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (NULLING Description Disc harrowing, 6" deep of the spreader (NULLING) EEDING Seed Mix | (MEANS 32 91 1: | Total | Te | otal Tillin Rate – PLS | ng Cost/Acre Seeds per SQ. | \$37.03 \$37.03 Cost /Acre \$107.16 |
| Tractor towed spreader (No. 1997) LLING Description Disc harrowing, 6" deep of the second | (MEANS 32 91 1: | Total | Te | Rate – PLS LBS / Acre 12.50 | Seeds per SQ. FT | \$37.03 \$37.03 \$37.03 Cost /Acre \$107.16 \$107.16 Cost /Acre |
| Tractor towed spreader (No. 1997) The spreade | (MEANS 32 91 1: | Total | Te | Rate – PLS LBS / Acre 12.50 6.00 | Seeds per SQ. FT 40.46 27.55 | \$37.03 \$37.03 \$37.03 Cost /Acre \$107.16 \$107.16 Cost /Acre \$139.06 \$25.95 |
| Tractor towed spreader (No. 1997) TLLING Description Disc harrowing, 6" deep of the second | (MEANS 32 91 1: | Total | Te | Rate – PLS LBS / Acre 12.50 6.00 3.00 | Seeds per SQ. FT 40.46 27.55 63.77 | \$37.03 \$37.03 \$37.03 Cost /Acre \$107.16 \$107.16 Cost /Acre \$139.06 \$25.95 \$30.75 |
| Tractor towed spreader (No. 1997) LLING Description Disc harrowing, 6" deep of the deep | (MEANS 32 91 1: | Total | Te | Rate – PLS LBS / Acre 12.50 6.00 3.00 0.50 | Seeds per SQ. FT 40.46 27.55 63.77 59.69 | \$37.03 \$37.03 \$37.03 \$37.03 \$107.16 \$107.16 \$107.16 \$139.06 \$25.95 \$30.75 \$4.88 |
| Tractor towed spreader (No. 1997) TLLING Description Disc harrowing, 6" deep of the second | (MEANS 32 91 1: | Total | Te | Rate – PLS LBS / Acre 12.50 6.00 3.00 | Seeds per SQ. FT 40.46 27.55 63.77 | \$37.03 \$37.03 \$37.03 \$37.03 Cost /Acre \$107.16 \$107.16 Cost /Acre \$139.06 \$25.95 \$30.75 |

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 - Curtail @ 4.0 pt/ac | 1.00 | ACRE | \$7.63 | \$7.63 |
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$301.00 | \$602.00 |
| Total Mulch Materials Cost/Acre | | | | \$609.63 |

Application

| Description | | Cost /Acre |
|--|--|------------|
| Crimping, with tractor {DMG survey data} | | \$70.17 |
| Power mulcher (MEANS 32 91 13.16 0350) | | \$101.93 |
| Weed spray, hand, non-aquatic area, nox. [DMG] | | \$183.16 |
| | | |
| | Total Mulch Application Cost/Acre | \$355.26 |

NURSERY STOCK PLANTING

| Common Name | No / Acre | Type and Size | Planting Cost | Fertilizer Pellet Cost | Cost /Acre | | | |
|-------------|----------------------------------|---------------|------------------|---------------------------|------------|--|--|--|
| | | | | | \$ | | | |
| | | | | | | | | |
| | Totals Nursery Stock Cost / Acre | | | | | | | |

JOB TIME AND COST

 No. of Acres:
 17
 Cost /Acre:
 \$1,911.92

 Estimated Failure Rate:
 40%
 Cost /Acre*:
 \$1,911.92

*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MU

LCHING

Initial Job Cost: \$32,502.64

Reseeding Job Cost: \$13,001.06

Total Job Cost: \$45,504

Job Hours: **24.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATION

| Task description: <u>Ini</u> | tial Mobilization | 1 | | | |
|------------------------------|-------------------|-------------------|------------------------------------|-------------|--------------------|
| ite: BLM Pit No. 1 | Permi | t Action: 2021-03 | 3 | Permit/Job# | t: <u>M2001100</u> |
| PROJECT IDENTIFICATI | <u>ION</u> | | | | |
| Task #: 10A | State: C | Colorado | Abb | reviation: | None |
| Date: 3/24/2021 User: ACY | County: N | I esa | | Filename: | M100-10a |
| Agency or organization | n name: DRMS | S | | | |
| EQUIPMENT TRANSPOR | T RIG COST | | | | |
| | | | Shift b | oasis: 1 | per day |
| | | | Cost Data So | | RG Data |
| Truck Tractor Desc | cription: GENI | | AY TRUCK TRACT 400 HP (2ND HALI | | IESEL POWERED, |
| Truck Trailer Desc | eription: | | IG GOOSENECK, D | | EQUIPMENT |
| | | TR | AILER (25T, 50T, A | AND 100T) | |
| Cost Breakdown: | | | | | |
| Available Rig Capacities | 0-25 Tons | 26-50 Tons | 51+ Tons | | |
| Ownership Cost/Hour: | \$17.20 | \$29.63 | \$38.69 | | |
| Operating Cost/Hour: | \$26.56 | \$47.02 | \$55.69 | | |
| Operator Cost/Hour: | \$23.63 | \$23.63 | \$23.63 | | |
| Helper Cost/Hour: | \$0.00 | \$23.53 | \$23.53 | | |

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$67.39

| Machine | Weight/ | Owner ship | Haul Rig | Fleet | Haul Trip | Return Trip | DOT Permit |
|-----------------|---------|---------------|-------------|-------|-----------|----------------|-------------|
| Description | Unit | Cost/hr/ unit | Cost/hr/uni | Size | Cost/hr/ | Cost/hr/ fleet | Cost/ fleet |
| | (TONS) | | t | | fleet | | |
| Cat D7R DS XR | 35.93 | \$82.24 | \$123.81 | 1 | \$206.05 | \$123.81 | \$250.00 |
| Series II | | | | | | | |
| Drill/Broadcast | 25.00 | \$6.72 | \$67.39 | 1 | \$74.11 | \$67.39 | \$250.00 |
| Seeder with | | | | | | | |
| Tractor | | | | | | | |
| Power Mulcher | 6.00 | \$11.19 | \$67.39 | 1 | \$78.58 | \$67.39 | \$250.00 |
| (Bowie LD-90) | | | | | | | |

\$123.81

\$141.54

\$358.74 \$258.59 \$750.00 Subtotals:

ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|--------------------------------|------------------------|------------|-----------------------------|-------------------------------|
| Light Duty Pickup, 4x4, 3/4 T. | \$41.46 | 1 | \$41.46 | \$41.46 |
| Flatbed Truck, 6x4, 45K GVW | \$78.26 | 1 | \$78.26 | \$78.26 |

| Subtotals: | \$119.72 | \$119.72 |
|------------|----------|----------|
| | | |

EQUIPMENT MOBILIZATION/DEMOBILIZATION

| Task description: Sec | ondary Mobiliza | tion | | |
|--------------------------|-----------------|----------------|---|-----------------------------------|
| e: BLM Pit No. 1 | Permit | Action:2021-03 | Permit/Jo | b#: <u>M2001100</u> |
| PROJECT IDENTIFICATI | <u>ON</u> | | | |
| Task #: 10B | State: C | olorado | Abbreviation: | None |
| Date: 3/24/2021 | County: N | Iesa | Filename: | M100-10b |
| User: ACY | | | | |
| Agency or organization | n name: DRMS | S | | |
| Truck Tractor Desc | ription: GENI | | | 1 per day CRG Data DIESEL POWERED |
| Truck Trailer Desc | ription: C | GENERIC FOLDIN | G GOOSENECK, DROP DEC AILER (25T, 50T, AND 100T) | ~ |
| Cost Breakdown: | | | | |
| Available Rig Capacities | 0-25 Tons | 26-50 Tons | 51+ Tons | |
| Ownership Cost/Hour: | \$17.20 | \$29.63 | \$38.69 | |
| Operating Cost/Hour: | \$26.56 | \$47.02 | \$55.69 | |
| Operator Cost/Hours | \$23.63 | \$23.63 | \$23.63 | |

NON ROADABLE EQUIPMENT:

Helper Cost/Hour:
Total Unit Cost/Hour:

\$0.00

\$67.39

| Machine Description | Weight/ Unit | Owner ship Cost/hr/ unit | Haul Rig Cost/hr/uni | Fleet Size | Haul Trip Cost/hr/ | Return Trip Cost/hr/ fleet | DOT Permit Cost/ fleet |
|--------------------------------|-----------------|-----------------------------|-------------------------|---------------|-----------------------|-------------------------------|---------------------------|
| Drill/Broadcast | (TONS) 25.00 | \$6.72 | \$67.39 | 1 | fleet \$74.11 | \$67.39 | \$250.00 |
| Seeder with Tractor | 25.00 | \$0.72 | \$67.39 | 1 | \$/4.11 | \$07.39 | \$230.00 |
| Power Mulcher (Bowie LD-90) | 6.00 | \$11.19 | \$67.39 | 1 | \$78.58 | \$67.39 | \$250.00 |

\$23.53

\$123.81

\$23.53

\$141.54

Subtotals: \$152.69 \$134.78 \$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, 3/4 T. | \$41.46 | 1 | \$41.46 | \$41.46 |
| Flatbed Truck, 6x4, 45K GVW | \$78.26 | 1 | \$78.26 | \$78.26 |

Subtotals: \$119.72 \$119.72

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:
Total one-way travel distance:
Average Travel Speed:

GRAND JUNCTION
miles
45.00
mph

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

\$1,369.26

\$26.60

Transportation Cycle Time:

| | Non- | |
|-------------------------|-----------|-----------|
| | Roadable | Roadable |
| | Equipment | Equipment |
| Haul Time (Hours): | 0.11 | 0.11 |
| Return Time (Hours): | 0.11 | 0.11 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 1.22 | 0.22 |
| | | |

JOB TIME AND COST

| Total job time: | 2.44 | Hours |
|-----------------|---------|-------|
| Total job cost: | \$1,396 | |

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles
45.00
mph

<u>Transportation Cycle Time:</u>

| | Non- | |
|-------------------------|-----------|-----------|
| | Roadable | Roadable |
| | Equipment | Equipment |
| Haul Time (Hours): | 0.11 | 0.11 |
| Return Time (Hours): | 0.11 | 0.11 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 1.22 | 0.22 |
| | | |

JOB TIME AND COST

| Total job time: | 2.44 | Hours |
|-----------------|---------|-------|
| Total job cost: | \$2,381 | |