

September 1, 2023

Neil Whitmer Holcim - WCR, Inc. 1687 Cole Blvd Suite 300 Golden, CO 80401

Re: Phillips Ranch Property Gravel Pit #2 - File No. M-2000-046; Technical Revision (TR-1) Preliminary Adequacy Review

Dear Mr. Whitmer:

On August 10, 2023, the Division of Reclamation, Mining and (Division) received your technical revision application (TR-1) for the Phillips Ranch Property Gravel Pit #2 to increase the bonded area. The Division has reviewed the TR-1 application and found no technical deficiencies.

Based on the information provided in TR-1, photographs of the recontoured highwalls (provided via email on August 11, 2023), and our 2023 inspection; the Division has generated a revised bond estimate (enclosed) for your review. The new estimate eliminates task SO11 to push down highwalls and task SO02 to place topsoil on the 13 acres undergoing reclamation that were included in the Succession of Operator (SO-1) bond estimate. The Division updates the unit costs in our bond estimating software in July. Therefore, the unit costs are generally higher for the TR-1 bond estimate than they were for the SO-1 bond estimate provided to you in June of this year.

The decision date for TR-1 is September 11, 2023. Please provide a written response either accepting the revised cost estimate or provide comments prior to the decision date. If the Division does not receive a response, we will approve TR-1 and request the additional surety.

If you have any questions, please contact me (303-328-5229).

Sincerely

Timothy A. Cazier, P.E. Environmental Protection Specialist

Enclosure: Revised Bond Estimate

ec: Michael, Cunningham, DRMS DRMS file Kurt Thurmann, Holcim - WCR

> Physical: 1313 Sherman Street, Room 215, Denver, CO 80203 Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216 Jared S. Polis, Governor | Dan Gibbs, Executive Director

Т



COST SUMMARY WORK

| Phillips I Gravel P | Ranch Property it #2 | Pe | rmit Action: | TR-1 | Permit/Jol | o#: <u>M2000046</u> |
|------------------------|-------------------------|---------|--------------|------|---------------|---------------------|
| ROJECT | IDENTIFICA | ΓION | | | | |
| Task #: | 000 | State: | Colorado | | Abbreviation: | None |
| Date: | 8/31/2023 | County: | Fremont | | Filename: | X0x0x0 |
| User: | TC1 | | | | | |

TASK LIST (DIRECT COSTS)

| Task | Description | Form Used | Fleet Size | Task Hours | Cost |
|------|--|--------------|---------------|---------------|----------|
| T001 | Spread existing overburden pile | SCRAPER1 | 1 | 159.38 | \$37,169 |
| T003 | Reveg 13 acres (Completed Phase) | REVEGE | 1 | 40.00 | \$22,458 |
| T012 | Replace 6 inches of topsoil (Active Phase) | SCRAPER1 | 1 | 188.78 | \$44,025 |
| T013 | Reveg 52 acres (Active Phase) | REVEGE | 1 | 40.00 | \$89,833 |
| T020 | Mob/demob Equipment | MOBILIZE | 1 | 3.50 | \$4,125 |
| | | 431.66 | \$197,610 | | |

INDIRECT COSTS

OVERHEAD AND PROFIT:

| Liability insurance: | 2.02 | Total = | \$3,992 |
|----------------------|--------|------------------------------------|-----------|
| Performance bond: | 1.05 | Total = | \$2,075 |
| Job superintendent: | 215.83 | Total = | \$14,046 |
| Profit: | 10.00 | Total = | \$19,761 |
| | | TOTAL O & P = | \$39,874 |
| | | CONTRACT AMOUNT (direct + O & P) = | \$237,484 |

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

| Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration: | \$0 4.25 5.00 | Total = Total = | \$0 \$10,093 \$11,874 | | | | | |
|--|---|--------------------|-----------------------------|--|--|--|--|--|
| CONTINGENCY: | 0.00 | Total = | \$0 | | | | | |
| | TOTAL | INDIRECT COST = | \$61,841 | | | | | |
| TOTAL BO | TOTAL BOND AMOUNT (direct + indirect) = | | | | | | | |

SCRAPER TEAM WORK

| Phillips Rand Site: Gravel Pit #2 | | Perm | it Action | : | P | ermit/Job#: <u>M2</u> | 2000046 |
|--------------------------------------|----------------------------|-----------|---------------------|-----------------|---------------------------|--|----------|
| PROJECT IDE | NTIFICATION | | | | | | |
| | 31/2023 Co | | Colorado Fremont | | | viation: <u>None</u> ename: <u>M046</u> - | -T001 |
| Agency | or organization name | : DRM | 1S | | | | |
| HOURLY EQU | JIPMENT | | | COSTS | Shift basis: <u>1 per</u> | day | |
| | | | Equipme | ent Description | | | |
| | - | Scraper: | Cat 613 | 3C Series 2 | | | |
| | pport Equipment -Los | -Dozer: | NA NA | | | | |
| Su | | np Area: | NA | | | | |
| Road | Maintenance – Motor | | NA | | | | |
| | -Wate | r Truck: | NA | | | | |
| Cost Breakdown | : Scraper Wo | ork Team | | Support Equ | ipment | Maintenand | e Equipm |
| | Scraper | Doz | zer | Load Area | Dump Area | Motor Grader | Water 7 |
| %Utilization-machin | ne: 100 | | NA | NA | NA | NA | |
| Ownership cost/ho | ar: \$109.92 | | NA | NA | NA | NA | |
| Operating cost/ho | ur: \$92.39 | | NA | NA | NA | NA | |
| %Utilization-ripp | | | NA | NA | NA | NA | |
| Ripper own. cost/ho | | | NA | NA | NA | NA | |
| Ripper op. cost/ho | | | NA | NA | NA | NA | |
| Operator cost/ho | | | NA | NA | NA | NA | |
| Unit Subtota | | | NA | NA | NA | NA | |
| Number of Uni | | \$222 | 0 | 0 Symmetri | 0 | 0 Mainti | \$0.0 |
| Group Subtota | | \$233 | 5.21 | Support: | \$0.00 | Maint: | \$0.0 |
| Total work team of | cost/hour: <u>\$233.21</u> | | | | | | |
| MATERIAL Q | UANTITIES | | | | | | |
| Initial volu Loose volu | | | CCY LCY | Swell fac | tor: <u>1.250</u> | | |
| | Source of estimated v | olume: | Google | Earth 2011 Imag | e | | |
| Sour | ce of estimated swell | factor: | Cat Han | Ų | | | |
| HOURLY PRO | DUCTION | | | | | | |
| | | | | Scraper E | Bowl (volume) Ba | <u>sis:</u> | |
| Material weig | t: 2,650 lbs/LCY | | | Struck | Volume: 8.90 | L | .CY |
| Material descripti | | ock - 25% | Rock, | | Volume: 11.00 | | .CY |
| Rated Paylo | ad: 26,400 pounds | | | Average | | | .CY |

<u>0.90</u> Minutes

0.70 Minutes

Payload Capacity: 9.96 LCY

Adjusted Capacity: 9.95 LCY

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 5350 feet

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

Travel Time:

Road Condition: <u>Rutted dirt, little maintenance, no water, 2" tire penetration 5.0</u>

Haul Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|-------|--------------------|--------------|------------------|------------------|-------------------|----------------------|
| 1 | 300.00 | -15.00 | 5.00 | -10.00 | 1602 | 0.28 |

Haul Time: 0.28 minutes

Return Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|-------|--------------------|--------------|--|------------------|-------------------|----------------------|
| 1 | 300.00 | 15.00 | 5.00 | 20.00 | 555 | 0.55 |
| | | | | Return Time: | 0.55 | minutes |
| | | | Total Scraper team cycle time: Adjusted for job conditions: | | | minutes LCY/Hour |

Selected Number of Scrapers:1Scraper(s)Adjusted single scraper team (unit) hourly production:203.91LCY/HourAdjusted multiple scraper team (fleet) hourly production:203.91LCY/Hour

Unadjusted unit production/hour: <u>245.68</u> LCY/Hour Optimal Number of Scrapers per push dozer:

| Fleet size: | 1 | _ Team(s) | Total job time: | 159.38 | Hours |
|-------------|---------|-----------|-----------------|----------|-------|
| Unit cost: | \$1.144 | /LCY | Total job cost: | \$37,169 | |

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REVEGETATION WORK

| Task descrij Phillips I e: <u>Gravel P</u> | Ranch Proper | Reveg 13 acres (ty Per | rmit Action: | TR-1 | Permit/Jol | b#: <u>M2000046</u> |
|--|------------------|----------------------------|---------------------|------|-------------------|---------------------|
| | | | | | | |
| PROJECT | IDENTIFIC | CATION | | | | |
| PROJECT Task #: | T003 | CATION State: | Colorado | | Abbreviation: | None |
| | | | Colorado Fremont | | Abbreviation: | None M046-T003 |

FERTILIZING

Materials

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|-----------------------------------|-----------------|-------|--|------------|
| Ammonium nitrate, 33-0-0 | 10.00 | pound | \$0.62 | \$6.23 |
| Superphosphate, 0-20-0 with 12% S | 20.00 | pound | \$0.69 | \$13.80 |
| | | | Total Fertilizer Materials Cost/Acre | \$20.03 |

Application

| Description | Cost /Acre |
|---|------------|
| Truck whirlwind spreader (MEANS 32 01 90.13 0140) | \$17.42 |
| | |
| Total Fertilizer Application Cost/Acre | \$17.42 |

TILLING

| Description | | Cost /Acre |
|----------------------|--------------------------------|------------|
| Chisel plowing {DMG} | | \$100.40 |
| | | |
| | Total Tilling Cost/Acre | \$100.40 |

SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|-----------------------------|--------------------------------|------------------------|------------|
| Blue Grama - Hachita | 0.75 | 12.24 | \$11.98 |
| Indian Ricegrass - Native | 1.25 | 4.05 | \$8.13 |
| Little Bluestem - Pastura | 0.70 | 4.18 | \$9.44 |
| Sideoats Grama - El Reno | 2.70 | 8.86 | \$22.61 |
| Western Wheatgrass - Arriba | 4.00 | 10.10 | \$26.00 |
| Totals Seed Mix | 9.40 | 39.43 | \$78.16 |

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 |
|---|-----------------|------|-------------|------------|
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$429.79 | \$859.57 |
| | | | | |
| Total Mulch Materials Cost/Acre | | | | \$859.57 |

Application

| Description | | Cost /Acre |
|--|--|------------|
| Crimping, with tractor {DMG survey data} | | \$74.46 |
| | | |
| | Total Mulch Application Cost/Acre | \$74.46 |

NURSERY STOCK PLANTING

| Common Name | No / Acre | Type and Size | Planting Cost | Fertilizer Pellet Cost | Cost /Acre |
|----------------------------------|--------------|---------------|------------------|---------------------------|------------|
| | | | | | \$ |
| | | | | | |
| Totals Nursery Stock Cost / Acre | | | | | \$0.00 |

| | No. of Acres: | 13 | Cost /Acre: | \$1,382.04 | |
|---------------------|------------------|----------------|------------------|------------|--|
| Estimate | ed Failure Rate: | 25% | Cost /Acre*: | \$1,382.04 | |
| *Selected Replanti | ng Work Items: | FERTILIZING, T | ILLING, SEEDING, | | |
| | | MULCHING | | | |
| Initial Job Cost: | \$17,966.52 | | | | |
| Reseeding Job Cost: | \$4,491.63 | | | | |
| Total Job Cost: | \$22,458 | | | | |
| Job Hours: | 40.00 | | | | |

SCRAPER TEAM WORK

| Phillips Ranch PriSite:Gravel Pit #2 | roperty P | ermit Action | : | Pe | ermit/Job#: <u>M2</u> | 000046 |
|---|--|--------------|--------------------------------|----------------------------|------------------------------------|------------------------|
| PROJECT IDENT | IFICATION | | | | | |
| T 1 // T010 | | | | . 1 1 | • .• • • • | |
| Task #: <u>T012</u> Date: <u>9/1/20</u> | 23 State: County: | - | | Abbrev | iation: <u>None</u> mame: M046- | T012 |
| User: TC1 | <u>25</u> County. | Tremont | | | | 1012 |
| Agency or o | organization name: D | ORMS | | | | |
| HOURLY EQUIP | MENT | | COSTS | hift basis: <u>1 per c</u> | lav | |
| _ | | Equinm | | | <u></u> | |
| | -Scrape | | ent Description 3C Series 2 | | | |
| | -Doze | er: NA | | | | |
| Suppor | rt Equipment -Load Are | | | | | |
| Road Mai | -Dump Are ntenance –Motor Grade | | | | | |
| Roud Mu | -Water Truc | | | | | |
| | | | | | | |
| <u>Cost Breakdown</u> : | Scraper Work Tea Scraper | am Dozer | Support Equi Load Area | pment Dump Area | Maintenanc Motor Grader | e Equipmen Water Tr |
| | 1 | | | Dump Area | | |
| %Utilization-machine: | 100 | NA | NA | NA | NA | |
| Ownership cost/hour: | \$109.92 | NA | NA | NA | NA | |
| Operating cost/hour: | \$92.39 | NA | NA | NA | NA | |
| %Utilization-ripper: | NA | NA | NA | NA | NA | |
| Ripper own. cost/hour: Ripper op. cost/hour: | NA NA | NA NA | NA NA | NA NA | NA NA | |
| Operator cost/hour: | \$30.90 | NA | NA | NA | NA | |
| Unit Subtotals: | \$233.21 | NA | NA | NA | NA | |
| Number of Units: | 1 | 0 | 0 | 0 | 0 | |
| Group Subtotals: | | 5233.21 | Support: | \$0.00 | Maint: | \$0.00 |
| | | 0233.21 | Support. | \$0.00 | Ivianit. | \$0.00 |
| Total work team cost/ | hour: <u>\$233.21</u> | | | | | |
| MATERIAL QUA | NTITIES | | | | | |
| | | COV | G 11 C 4 | 1 000 | | |
| Initial volume: Loose volume: | <u>41,947</u> 41,947 | CCY LCY | Swell fact | or: <u>1.000</u> | | |
| | | | (?) Jan | | | |
| | ce of estimated volume f estimated swell factor | | , 6" deep dbook | | | |
| | | | | | | |
| HOURLY PRODU | JCTION | | | | | |
| | | | Scraper B | <u>owl (volume) Bas</u> | sis: | |
| Material weight: | 1,600 lbs/LCY | | | Volume: <u>8.90</u> | | CY |
| Material description: | Top Soil | | Heaped | | | CY |
| Rated Payload: | 26,400 pounds | | Average Adjusted C | | | CY CY |
| Payload Capacity: | 16.50 LCY | | | anacity uus | | |

<u>0.90</u> Minutes

0.70 Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 5350 feet

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

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 | 350.00 | -5.00 | 5.00 | 0.00 | 2259 | 0.27 |

Haul Time: **0.27** minutes

Return Route:

| Seg # | Haul Distance (Ft) | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time (min) |
|-------|--------------------|--------------|------------------|------------------|-------------------|----------------------|
| 1 | 350.00 | 5.00 | 5.00 | 10.00 | 1058 | 0.36 |

| Return Time: | 0.36 | minutes |
|---|--------|------------|
| Total Scraper team cycle time: | 2.23 | minutes |
| Adjusted for job conditions: | 222.20 | LCY/Hour |
| Selected Number of Scrapers: | 1 | Scraper(s) |
| Adjusted single scraper team (unit) hourly production: | 222.20 | LCY/Hour |
| Adjusted multiple scraper team (fleet) hourly production: | 222.20 | LCY/Hour |
| Una divisted whit and distion (hours 267.71 LCV/Hours | | |

Unadjusted unit production/hour: <u>267.71</u> LCY/Hour Optimal Number of Scrapers per push dozer: _____

| Fleet size: | 1 | Team(s) | Total job time: | 188.78 | Hours |
|-------------|---------|---------|-----------------|----------|-------|
| Unit cost: | \$1.050 | /LCY | Total job cost: | \$44,025 | |

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REVEGETATION WORK

| Phillips I Gravel P | Ranch Property Pit #2 | Pern | nit Action: | TR-1 | Permit/Job | o#: M2000046 |
|------------------------|--------------------------|-------------|-------------|------|---------------|--------------|
| PROJECT | IDENTIFICAT | <u>TION</u> | | | | |
| Task #: | T013 | State: | Colorado | | Abbreviation: | None |
| Date: | 9/1/2023 | County: | Fremont | | Filename: | M046-T013 |
| | TC1 | | | | | |

FERTILIZING

Materials

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|-----------------------------------|-----------------|-------|--|------------|
| Ammonium nitrate, 33-0-0 | 10.00 | pound | \$0.62 | \$6.23 |
| Superphosphate, 0-20-0 with 12% S | 20.00 | pound | \$0.69 | \$13.80 |
| | | | Total Fertilizer Materials Cost/Acre | \$20.03 |

Application

| Description | Cost /Acre |
|---|------------|
| Truck whirlwind spreader (MEANS 32 01 90.13 0140) | \$17.42 |
| | |
| Total Fertilizer Application Cost/Acre | \$17.42 |

TILLING

| Description | Cost /Acre |
|-------------------------|------------|
| Chisel plowing {DMG} | \$100.40 |
| | |
| Total Tilling Cost/Acre | \$100.40 |

SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|-----------------------------|--------------------------------|------------------------|------------|
| Blue Grama - Hachita | 0.75 | 12.24 | \$11.98 |
| Indian Ricegrass - Native | 1.25 | 4.05 | \$8.13 |
| Little Bluestem - Pastura | 0.70 | 4.18 | \$9.44 |
| Sideoats Grama - El Reno | 2.70 | 8.86 | \$22.61 |
| Western Wheatgrass - Arriba | 4.00 | 10.10 | \$26.00 |
| Totals Seed Mix | 9.40 | 39.43 | \$78.16 |

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 |
|---|-----------------|------|-------------|------------|
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$429.79 | \$859.57 |
| | | | | |
| Total Mulch Materials Cost/Acre | | | | \$859.57 |

Application

| Description | | Cost /Acre |
|--|--|------------|
| Crimping, with tractor {DMG survey data} | | \$74.46 |
| | | |
| | Total Mulch Application Cost/Acre | \$74.46 |

NURSERY STOCK PLANTING

| Common Name | No / Acre | Type and Size | Planting Cost | Fertilizer Pellet Cost | Cost /Acre |
|-------------|--------------|---------------|------------------|---------------------------|------------|
| | | | | | \$ |
| | | | | | |
| | | Totals | Nursery Stoc | k Cost / Acre | \$0.00 |

| | No. of Acres: | 52 | Cost /Acre: | \$1,382.04 | |
|---------------------|------------------|----------------|-----------------|------------|--|
| Estimat | ed Failure Rate: | 25% | Cost /Acre*: | \$1,382.04 | |
| *Selected Replant | ng Work Items: | FERTILIZING, T | LLING, SEEDING, | | |
| | | MULCHING | | | |
| Initial Job Cost: | \$71,866.08 | | | | |
| Reseeding Job Cost: | \$17,966.52 | | | | |
| Total Job Cost: | \$89,833 | | | | |
| Job Hours: | 40.00 | | | | |

EQUIPMENT MOBILIZATION/DEMOBILIZATION

| Task description | 1110 | b/demob Equipm | lent | | | | |
|---|---|---|---|------------------------------|--|--|--------------------------|
| Phillips Ranc Gravel Pit #2 | h Property | Permit | Action: | | · | Permit/Job#: <u>M</u> | 2000046 |
| PROJECT IDE | NTIFICATI | <u>ON</u> | | | | | |
| User: TC | /2023 | | emont | | | eviation: <u>None</u> ilename: <u>M046</u> | 5-T020 |
| EQUIPMENT | C | | | | | | |
| | k Tractor Desc k Trailer Desc | - | ENERIC FOLD | WAY TR 400 HI | P (2ND HALF, | rce: <u>CRG Da</u> DR, 6X4, DIESEI 2006) ROP DECK EQU | L POWERED, |
| Cost Breakdown: | | | | | | | |
| | • .• | 0.25 T | 2 (5) T | F1 | | | |
| Available Rig C | | 0-25 Tons | 26-50 Tons | | + Tons | | |
| Available Rig C Ownership | o Cost/Hour: | \$20.26 | \$36.04 | \$ | 47.05 | | |
| Available Rig O Ownershi Operating | cost/Hour: g Cost/Hour: | \$20.26 \$39.51 | \$36.04 \$76.08 | \$ | 47.05 82.85 | | |
| Available Rig C Ownership Operating Operato | o Cost/Hour: g Cost/Hour: r Cost/Hour: | \$20.26 \$39.51 \$22.52 | \$36.04 \$76.08 \$22.52 | \$ \$ \$ | 47.05 82.85 22.52 | | |
| Available Rig C Ownership Operating Operato Helpe | cost/Hour: g Cost/Hour: | \$20.26 \$39.51 | \$36.04 \$76.08 | \$ \$ \$ \$ \$ | 47.05 82.85 | | |
| Available Rig C Ownership Operating Operato Helpe | o Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 | \$36.04 \$76.08 \$22.52 \$23.53 | \$ \$ \$ \$ \$ | 47.05 82.85 22.52 23.53 | | |
| Available Rig C Ownership Operating Operato Helpe Total Uni | o Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 | \$36.04 \$76.08 \$22.52 \$23.53 | \$ \$ \$ \$ \$ | 47.05 82.85 22.52 23.53 | Return Trip | |
| Available Rig C Ownership Operating Operato Helpe Total Uni | o Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: BLE EQUIPN | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 IENT: | \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 | \$ \$ \$ \$ \$ | 47.05 82.85 22.52 23.53 175.95 | Return Trip Cost/hr/ fleet | DOT Permi Cost/ fleet |
| Available Rig C Ownership Operating Operato Helpe Total Uni NON ROADAE Machine | Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/ | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 IENT: Owner ship | \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni | S S S Fleet | 47.05 82.85 22.52 23.53 175.95 Haul Trip Cost/hr/ | Return Trip Cost/hr/ fleet \$82.29 | |
| Available Rig C Ownership Operating Operato Helpe Total Uni NON ROADAB Machine Description | Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/ | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 IENT: Owner ship Cost/hr/ unit | \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t | S S S Fleet Size | 47.05 82.85 22.52 23.53 175.95 Haul Trip Cost/hr/ fleet | Cost/hr/ fleet | Cost/ fleet |
| Available Rig C Ownership Operating Operato Helpe Total Uni NON ROADAB Machine Description Cat 613C Series 2 Drill/Broadcast Seeder with | Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: SLE EQUIPN Weight/ Unit (TONS) 18.61 | \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 IENT: Owner ship Cost/hr/ unit \$109.92 | \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t \$82.29 | S S S Fleet Size | 47.05 82.85 22.52 23.53 175.95 Haul Trip Cost/hr/ fleet \$192.21 | Cost/hr/ fleet \$82.29 | Cost/ fleet \$250.00 |

Subtotals: \$662.39 \$405.04 \$1,000.00

ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|---------------------|------------------------|------------|-----------------------------|-------------------------------|
| | | Subtotals: | \$0.00 | \$0.00 |

EQUIPMENT HAUL DISTANCE and Time

| Nearest Major City or Town within project area region: | CAÑON CITY | |
|--|------------|-------|
| Total one-way travel distance: | 15.00 | miles |
| Average Travel Speed: | 40.00 | mph |
| Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig: | \$4,125.35 | |
| Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig: | \$0.00 | |

Transportation Cycle Time:

| Haul Time (Hours): Return Time (Hours): | Non- Roadable Equipment 0.38 0.38 | Roadable Equipment 0.38 0.38 |
|--|---|---------------------------------------|
| Loading Time (Hours): | 0.38 | 0.38 NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 1.75 | 0.75 |

JOB TIME AND COST

Total job time: _____ Hours

Total job cost: _____\$4,125