



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

July 12, 2022

David S. Zehner
Precision Excavating, Inc.
P.O. Box 790
Hayden, CO 81639

Re: Peroulis Brothers Snake River Pit - File No. M-2009-079,
Surety Reduction Request (SR-2)
Request for Surety Reduction

Dear Mr. Zehner:

The Division has performed a reclamation cost estimate to reclaim the remaining tasks at the Peroulis Brothers Snake River Pit SR-2. The total value of this estimate is \$11,608.00 (see attached cost estimate). This amount is sufficient to assure completion of the remaining reclamation work to the Snake River Pit if the work had to be performed by the Division. The Division currently holds a performance bond in the amount of \$199,600.00. With a total value for the remaining reclamation work of \$11,608.00, the Division can release a total liability amount of **\$187,992.00**. The Division respectfully requests a response from Precision Excavating, Inc. with any questions regarding the cost estimate or an acceptance of the Division's estimate.

This concludes the Division's review of the Peroulis Brothers Snake River Pit SR-2. If you have any questions, feel free to contact me.

Sincerely,

Zach Trujillo
Environmental Protection Specialist
(303) 866-3567 ext. 8164
Zach.Trujillo@state.co.us



COST SUMMARY WORK

Task description: Remaining Reclamation Tasks

Site: Peroulis Brothers Snake
River Pit

Permit Action: SR2

Permit/Job#: M2009079

PROJECT IDENTIFICATION

Task #: 000
Date: 7/12/2022
User: ZTT

State: Colorado
County: Moffat

Abbreviation: None
Filename: 2009079

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

| Task | Description | Form Used | Fleet Size | Task Hours | Cost |
|--------------------------|-----------------|-----------|------------|------------|----------------|
| 001 | Reseed 15 acres | REVEGE | 1 | 7.50 | \$8,621 |
| 002 | Mobilization | MOBILIZE | 1 | 2.00 | \$56 |
| <u>SUBTOTALS:</u> | | | | 9.5 | \$8,677 |

INDIRECT COSTS

OVERHEAD AND PROFIT:

| | | | |
|----------------------|-------|---------|-------|
| Liability insurance: | 2.02 | Total = | \$175 |
| Performance bond: | 1.05 | Total = | \$91 |
| Job superintendent: | 4.75 | Total = | \$357 |
| Profit: | 10.00 | Total = | \$868 |

TOTAL O & P = \$1,491

CONTRACT AMOUNT (direct + O & P) = \$10,168

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

| | | | |
|--|--------------|---------|--------------|
| Financial warranty processing (legal/related costs): | <u>\$500</u> | Total = | <u>\$500</u> |
| Engineering work and/or contract/bid preparation: | <u>4.25</u> | Total = | <u>\$432</u> |
| Reclamation management and/or administration: | <u>5.00</u> | | <u>\$508</u> |

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$2,931

TOTAL BOND AMOUNT (direct + indirect) = \$11,608

REVEGETATION WORK

Task description: Reseed 15 acres

Site: Peroulis Brothers Snake
River Pit

Permit Action: SR2

Permit/Job#: M2009079

PROJECT IDENTIFICATION

Task #: 001
Date: 7/12/2022
User: ZTT

State: Colorado
County: Moffat

Abbreviation: None
Filename: M079-001

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 |
|--------------------------------|---------------|
| | \$ |
| Total Tilling Cost/Acre | \$0.00 |

SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|----------------------------------|--------------------------------|------------------------|----------------|
| Meadow Brome - Regar | 3.50 | 3.21 | \$13.91 |
| Smooth Brome - Lincoln | 3.50 | 11.65 | \$11.64 |
| Pubescent Wheatgrass - Greenleaf | 8.00 | 16.53 | \$29.20 |
| Western Wheatgrass - Native | 6.00 | 15.15 | \$36.00 |
| Totals Seed Mix | 21.00 | 46.54 | \$90.75 |

Application

| Description | Cost /Acre |
|--|------------|
| Drill seeding (MEANS 32 92 19.13 0020) | \$484.00 |

| | |
|---|-----------------|
| Total Seed Application Cost/Acre | \$484.00 |
|---|-----------------|

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: | 15 | Cost /Acre: | \$574.75 |
| Estimated Failure Rate: | 0% | Cost /Acre*: | \$574.75 |
| *Selected Replanting Work Items: | SEEDING | | |

| | |
|---------------------|-------------------|
| Initial Job Cost: | \$8,621.25 |
| Reseeding Job Cost: | \$0.00 |
| Total Job Cost: | \$8,621 |
| Job Hours: | 7.50 |

EQUIPMENT MOBILIZATION/DEMobilIZATION

Task description: **Mobilization**

Site: **Peroulis Brothers Snake
River Pit**

Permit Action:

SR2

Permit/Job#: **M2009079**

PROJECT IDENTIFICATION

Task #: **002** State: **Colorado** Abbreviation: **None**
Date: **7/12/2022** County: **Moffat** Filename: **M079-002**
User: **ZTT**

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: | \$15.25 | \$23.06 | \$37.58 |
| Operating Cost/Hour: | \$25.26 | \$30.83 | \$51.41 |
| Operator Cost/Hour: | \$27.71 | \$27.71 | \$27.71 |
| Helper Cost/Hour: | \$0.00 | \$20.22 | \$20.22 |
| Total Unit Cost/Hour: | \$68.22 | \$101.82 | \$136.92 |

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, 3/4 T. | \$14.23 | 1 | \$14.23 | \$14.23 |
| Drill/Broadcast Seeder with Tractor | \$13.99 | 1 | \$13.99 | \$13.99 |
| Subtotals: | | | \$28.22 | \$28.22 |

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: **CRAIG, CO**
Total one-way travel distance: **40.00** miles
Average Travel Speed: **40.00** mph

Total Non-Roadable Mob/Demob Cost * **\$0.00**
** two round trips with haul rig:
Total Roadable Mob/Demob Cost ** **\$56.44**
** 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: 2.00 Hours

Total job cost: \$56