## Bonding Calculations
## Deer Creek Mine - including Rilda Canyon Portal Facilities

| | | |
|---|---|---|
| **Rilda Canyon Portal Facilities** | | |
| Direct Costs | | |
| Subtotal Demolition | $236,924.00 | |
| Subtotal Earthwork | $621,075.00 | |
| Subtotal Revegetation | $65,201.00 | |
| Direct Cost Total | $923,200.00 | |
| Indirect Costs | | |
| Mob/Demob | $92,320.00 | 10.0% |
| Contingency | $46,160.00 | 5.0% |
| Engineering Redesign | $23,080.00 | 2.5% |
| Main Office Expense | $62,777.60 | 6.8% |
| Project Mainagement Fee | $23,080.00 | 2.5% |
| Indirect Cost Total | $247,417.60 | 26.8% |
| **Rilda Canyon Portal Facilities Total Costs in 2005 Dollars** | $1,170,617.60 | |
| Deer Creek Mine Total Costs in 2003 Dollars | $2,311,837.00 | |
| Escalation factor | 2.82% | |
| Number of years | 2 | |
| Escalation | $132,226.00 | |
| **Deer Creek Mine Costs in 2005 Dollars** | $2,444,063.00 | |
| **Total Mine Complex Costs in 2005 Dollars** | $3,614,680.60 | |
| Escalation factor | 4.44% | |
| Number of years | 3 | |
| Escalation | $503,169.00 | |
| **Total Mine Complex Costs in 2008 Dollars** | $4,117,849.60 | |
| **Bond Amount (rounded to nearest $1,000)** | **$4,118,000.00** | |

File in:
- ☐ Confidential
- ☐ Shelf
- ☒ Expandable

Refer to Record No 0071 Date 11/03/2008
In C/015/0018, 2008, Incoming
For additional information

| Ref. | Description | Cost |
|---|---|---|
| 1A | Sediment Pond 1A | $660 |
| 1B | Runoff Collection Tank 1B | $9,668 |
| 1C | Parking Lot 1C | $36,194 |
| 1D | Retaining Structures 1D | $8,329 |
| 1E | Parking Garage 1E | $10,316 |
| 1F | Office/Bathhouse/Warehouse 1F | $55,019 |
| 1G | Non-CoalCoal-Waste Storage 1G | $9,668 |
| 1H | Oil Storage 1H | $2,128 |
| 1I | Fuel Storage 1I | $14,076 |
| 1J | Rock Dust Storage 1J | $4,431 |
| 1K | Reclosure Platform 1K | $3,131 |
| 1L | Storage Sheds 1L | $12,598 |
| 1M | Lift Station 1M | $3,712 |
| 1N | Mine Ventilation Fan 1N | $10,054 |
| 1O | Power Supply 1O | $7,319 |
| 1P | Water Treatment Building 1P | $10,885 |
| 1Q | Water Tank 1Q | $11,075 |
| 1R | Septic Tanks 1R | $2,547 |
| 1S | Drainage System 1S | $14,714 |
| 2A | Portals 2 A | $10,400 |
| | | |
| | | |
| | Total | $236,924 |

| Ref. | Description | Materials | Means Reference | Unit Cost | Unit | Length | Width | Height | Diameter | Area | Volume | Weight | Density | Time | Number | Unit | Swell Factor | Quantity | Unit | Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rilda Canyon Portal Facilities** | | | | | | | | | | | | | | | | | | | | |
| | Reclosure Platform 1K | | | | | | | | | | | | | | | | | | | |
| | Structure's Demolition Cost | | | | | | | | | | | | | | | | | | | |
| | | Excavator 1.5 CY | 01590 200 0200 | 633.99 | /day | | | | | | | | | 1 | 1 | day | | 1 | day | $634 |
| | | Attachment Bucket Thumb | 01590 200 0342 | 115.75 | /day | | | | | | | | | 1 | 1 | day | | 1 | day | $116 |
| | | Eq. Op., Medium Equipment (Eqmd) | Eqmd | $52.00 | HR | | | | | | | | | 8 | 1 | hr | | 8 | hr | $416 |
| | | CLAB | Clab | $41.55 | HR | | | | | | | | | 8 | 2 | hr | | 16 | hr | $665 |
| | | Foreman Average, Outside | Foreman | $57.30 | HR | | | | | | | | | 8 | 1 | hr | | 8 | hr | $458 |
| | Transportation Cost Non Steel Truck | Truck dump 16 ton payload | 01590 200 5300 | 435.96 | /day | | | | | | | | | 1 | 1 | day | | 1 | day | $436 |
| | Transportation Cost Non Steel Drive | Truck Driver, Heavy | Trhv | $42.00 | HR | | | | | | | | | 8 | 1 | hr | | 8 | hr | $336 |
| | Disposal Cost Non Steel | Nielson Construction | Neilson Con. | 7 | /TON | | | | | | | 10 | | | | ton | | 10 | ton | $70 |
| | | | | | | | | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | | | | | | | $3,131 |