

## COST SUMMARY WORK

Task description: Permit Renewal No. 8

Site: Terror Creek Loadout

Permit Action: RN8

Permit/Job#: C1983059

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 6/5/2023

County: Delta

Filename: C059-000

User: LDS

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01A	Remove Coal Material from Disturbed Area	DOZER	1	15.45	\$5,084
03A	Move Sediment Storage Pile for On-Site Disposal	DOZER	1	3.98	\$1,308
05A	Compact Coal Material in On-Site Disposal Area	COMPACT	1	9.45	\$2,200
12A	Plug and Seal 3 Alluvial Monitoring Wells	BOREHOLE	1	8.00	\$1,141
15A	Demolish and Remove All Structures	DEMOLISH	1	200.00	\$138,797
18A	Mobilize/Demobilize Equipment for Reclamation	MOBILIZE	1	6.00	\$6,796
<b><u>SUBTOTALS:</u></b>				<b>242.88</b>	<b>\$155,326</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$3,138

Performance bond: 1.05

Total = \$1,631

Job superintendent: 121.44

Total = \$9,124

Profit: 10.00

Total = \$15,533

TOTAL O & P = \$29,425

CONTRACT AMOUNT (direct + O & P) = \$184,751

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 7.22

Total = \$13,339

Reclamation management and/or administration: 5.30

\$9,792

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$53,056

**TOTAL BOND AMOUNT (direct + indirect) = \$208,382**

**BULLDOZER WORK**Task description: **Remove Coal Material from Disturbed Area**Site: **Terror Creek Loadout**Permit Action: **RN8**Permit/Job#: **C1983059****PROJECT IDENTIFICATION**Task #: **01A**State: **Colorado**Abbreviation: **None**Date: **6/5/2023**County: **Delta**Filename: **RN8-01A**User: **LDS**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D9T - 9SU**Horsepower: **405**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$146.30	NA
Operating Cost/Hour:	\$141.41	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: **\$329.01**Total Fleet Cost/Hour: **\$329.01****MATERIAL QUANTITIES**Initial Volume: **8,067**Swell factor: **1.185**Loose volume: **9,559 LCY**Source of estimated volume: **Division of Reclamation, Mining & Safety**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **200 feet**Unadjusted hourly production: **700.0 LCY/hr**Materials consistency description: **Compacted fill or embankment 0.9**Average push gradient: **0 %**Average site altitude: **5,800 feet**Material weight: **1,400 lbs/LCY**Weight description: **Coal - Bituminous, Washed****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.900	(AB.AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.643	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.8837

Adjusted unit production: 618.59 LCY/hr

Adjusted fleet production: **618.59** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$0.532/LCY

Total job time: **15.45** Hours

Total job cost: **\$5,084**

**BULLDOZER WORK**Task description: **Move Sediment Storage Pile for On-Site Disposal**Site: **Terror Creek Loadout**Permit Action: RN8Permit/Job#: C1983059**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 6/5/2023County: DeltaFilename: RN8-03AUser: LDSAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D9T - 9SUHorsepower: 405Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$146.30	NA
Operating Cost/Hour:	\$141.41	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: \$329.01Total Fleet Cost/Hour: **\$329.01****MATERIAL QUANTITIES**Initial Volume: 1,500Swell factor: 1.125Loose volume: **1,688 LCY**Source of estimated volume: Map 5; Page 2.05-3Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 200 feetUnadjusted hourly production: 700.0 LCY/hrMaterials consistency description: Consolidated stockpile 1.0Average push gradient: 0 %Average site altitude: 5,800 feetMaterial weight: 2,550 lbs/LCYWeight description: Earth - Dry packed**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.900	(AB.AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6064

Adjusted unit production: 424.48 LCY/hr

Adjusted fleet production: **424.48** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$0.775/LCY

Total job time: **3.98** Hours

Total job cost: **\$1,308**

## COMPACTION WORK

Task description: Compact Coal Material in On-Site Disposal Area

Site: Terror Creek Loadout Permit Action: RN8 Permit/Job#: C1983059

### PROJECT IDENTIFICATION

Task #: 05A State: Colorado Abbreviation: None  
Date: 6/5/2023 County: Delta Filename: RN8-05A  
User: LDS

Agency or organization name: DRMS

### HOURLY EQUIPMENT COST

Basic Machine: CAT 815F Horsepower: 240  
Compactor Type: Soil - tamping foot Shift Basis: 1 per day  
Data Source: (CRG)

#### Cost Breakdown:

Ownership Cost/Hour:	\$110.46	Utilization %
Operating Cost/Hour:	\$96.20	NA
Operator Cost/Hour:	\$26.02	100
Total Unit Cost/Hour:	\$232.68	NA
Total Fleet Cost/Hour:	<b>\$232.68</b>	

### MATERIAL QUANTITIES

Loose volume: 9,559 LCY Shrinkage factor: 0.870  
Compacted volume: 8,316 CCY  
Source of estimated volume: Map 5 - Assume 1' Over 5 Acres  
Source of estimated shrinkage factor: Cat Handbook

### HOURLY PRODUCTION

Unadjusted hourly production =  $(W \times S \times L \times C) / P$

Compacted width per pass (W): 6.50 feet  
Average Compactor Speed (S): 5.00 mph  
Compacted thickness of each lift (L): 10.00 inches  
Conversion Constant (C): 16.3 (5,280ft./12in./27cu.ft.)  
Required number of machine passes (P): 5 passes  
Unadjusted Hourly Unit Production: 1,059.50 CCY/hour

#### Job Condition Correction Factors

Site Altitude: 5,800 feet

Altitude Adj:	<u>1.00</u>	Source
Job Efficiency:	<u>0.83</u>	(CAT HB)
Net Correction:	<u>0.8300</u>	(1 shift/day)
		multiplier

Adjusted Hourly Unit Production: 879.39 CCY/Hour  
Adjusted Hourly Fleet Production: 879.39 CCY/Hour

### JOB TIME AND COST

Fleet size: 1 Compactor(s) Total job time: 9.46 Hours  
Unit cost: \$0.265 per CCY Total job cost: \$2,200

## BOREHOLE SEALING WORK

Task description: Plug and Seal 3 Alluvial Monitoring Wells

Site: Terror Creek Loadout

Permit Action: RN8

Permit/Job#: C1983059

### PROJECT IDENTIFICATION

Task #: 12A

State: Colorado

Abbreviation: None

Date: 6/5/2023

County: Delta

Filename: RN8-12A

User: LDS

Agency or organization name: DRMS

### UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Bottom Plug	PVC plug - 4 in. diameter borehole	4"	100'	3.00	EA	\$33.98	\$101.94
- Fill Holes with Cement	Portland cement grout ( Bag, material cost only...94 lb. bag)	4"	100'	13.00	bag	\$19.95	\$259.35
- Cut Casing at Surface	Exposed casing removal - Calculate Circumference in Linear Feet	4"	100'	3.00	LF	\$3.26	\$9.78
- Borehole Marker	Borehole location/identification marker (EA, material cost only)	NA	NA	3.00	EA	\$37.50	\$112.50
- Truck and Laborer	Flatbed Truck, 6x4, 45K GVW	NA	NA	8.00	EA	\$82.19	\$657.52

Job Hours: 8.00

Total Cost: \$1,141.00

## DEMOLITION WORK

Task description: Demolish and Remove All Structures

Site: Terror Creek Loadout

Permit Action: RN8

Permit/Job#: C1983059

### PROJECT IDENTIFICATION

Task #: 15A

State: Colorado

Abbreviation: None

Date: 6/5/2023

County: Delta

Filename: RN8-15A

User: LDS

Agency or organization name: DRMS

### UNIT COSTS

Location adjustment: 98.20 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Control Tower	16'x14'x26'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	5,824.00	CF	\$0.24	\$1,421.06
- Pad	16'x14'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	288.00	SF	\$1.21	\$348.19
Substation	16'x24'x20'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	7,680.00	CF	\$0.24	\$1,873.92
- Pad	12'x10'x8"	Demo. and on-site disposal in excavated pit, 8 in. thick - Max. 200 ft. push	120.00	SF	\$1.61	\$193.44
- Footing	1'x2'x44 LF	Demo. and on-site disposal in excavated pit, 1.0 ft. x 2 ft. - Max. 200 ft. push	44.00	LF	\$4.84	\$212.96
Secondary Substation	9'x4'x6'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	216.00	CF	\$0.22	\$48.17
- Pad	16'x6'x8"	Demo. and on-site disposal in existing pit, 8 in. thick - Max. 200 ft. push	96.00	SF	\$1.55	\$148.61
Storage Building	52'x12'x8'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	4,992.00	CF	\$0.22	\$1,113.22
- Pad	52'x12'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	624.00	SF	\$1.21	\$754.42
Scale House	9'x8'x8'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	576.00	CF	\$0.22	\$128.45
- Pad	9'x8'x8"	Demo. and on-site disposal in existing pit, 8 in. thick - Max. 200 ft. push	72.00	SF	\$1.55	\$111.46



Trailer Near Garage	57'x10'x11x	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	6,270.00	CF	\$0.22	\$1,398.21
Stoker Oil Shed	28'x10'x9'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	2,460.00	CF	\$0.22	\$548.58
- Floor	28'x10'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	280.00	SF	\$1.21	\$338.52
- Footing	3'x1.5'x76 LF	Demo. and on-site disposal in excavated pit, 1.5 ft. x 3 ft. - Max. 200 ft. push	76.00	LF	\$10.88	\$826.88
Bath House	60'x10'x8'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	4,800.00	CF	\$0.22	\$1,070.40
Over-the-Track Coal Bin	14'x12'x34'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	5,712.00	CF	\$0.24	\$1,393.73
- Footing	2'x2'x16 LF	Demo. and on-site disposal in excavated pit, 1.5 ft. x 3 ft. - Max. 200 ft. push	16.00	LF	\$10.88	\$174.08
Walkway and Stairway	240'x3.3'x3.5'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	2,772.00	CF	\$0.22	\$618.16
- Pads	5@4'x4'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	80.00	SF	\$1.21	\$96.72
Rail Car Puller	8'x8'x4'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	256.00	CF	\$0.22	\$57.09
- Pad	10'x10'x12"	Demo. and on-site disposal in excavated pit, 12 in. thick - Max. 200 ft. push	100.00	SF	\$2.42	\$241.80
Primary Screener	36'x14'x14'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	7,056.00	CF	\$0.24	\$1,721.66
- Pad	40'x18'x8"	Demo. and on-site disposal in excavated pit, 8 in. thick - Max. 200 ft. push	720.00	SF	\$1.61	\$1,160.64
Crusher	8'x8'x8'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	512.00	CF	\$0.22	\$114.18
- Pad	12'x10'x8"	Demo. and on-site disposal in excavated pit, 8 in. thick - Max.	120.00	SF	\$1.61	\$193.44

		200 ft. push				
Secondary Screener	36'x9'x14'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	4,536.00	CF	\$0.24	\$1,106.78
- Pad	40'x14'x8"	Demo. and on-site disposal in excavated pit, 8 in. thick - Max. 200 ft. push	560.00	SF	\$1.61	\$902.72
Secondary Stacker to Reclaim	110'x3'x30'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	9,900.00	CF	\$0.24	\$2,415.60
- Footing	1.5'x3'x50 LF	Demo. and on-site disposal in excavated pit, 1.5 ft. x 3 ft. - Max. 200 ft. push	50.00	LF	\$10.88	\$544.00
Secondary Stacker to Pile	100'x3'x10'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	3,000.00	CF	\$0.24	\$732.00
- Footing	1.5'x3'x50 LF	Demo. and on-site disposal in excavated pit, 1.5 ft. x 3 ft. - Max. 200 ft. push	50.00	LF	\$10.88	\$544.00
Primary Stacker to Lump Pile	100'x3'x10'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	3,000.00	CF	\$0.24	\$732.00
- Footing	1.5'x3'x50 LF	Demo. and on-site disposal in excavated pit, 1.5 ft. x 3 ft. - Max. 200 ft. push	50.00	LF	\$10.88	\$544.00
Truck Dump	24'x18'x14'	Bldg. (MN) demo./on-site disposal in excavated pit - Max. 200 ft. push	6,048.00	CF	\$0.24	\$1,475.71
CMP #2	12"x25 LF	Pipe, corrugated metal (CMP) - 12 in. diameter pipe	25.00	LF	\$4.34	\$108.58
CMP #3 and CMP #4	18"x95 LF	Pipe, corrugated metal (CMP) - 18 in. diameter pipe	95.00	LF	\$5.90	\$560.69
Principle Spillway at Sediment Pond	12"x80 LF	Pipe, corrugated metal (CMP) - 12 in. diameter pipe	80.00	LF	\$4.34	\$347.44
Truck Dump to Primary Conveyor	180 LF	Conveyor, Horizontal Belt 24" Belt, 61.5' Length	3.00	EA	\$2,425.00	\$7,275.00
Primary to Secondary Conveyor	80 LF	Conveyor, Horizontal Belt 24" Belt, 41.5' Length	2.00	EA	\$1,950.00	\$3,900.00
Primary to Transfer Conveyor	100 LF	Conveyor, Horizontal Belt 24" Belt, 61.5' Length	2.00	EA	\$2,425.00	\$4,850.00
Crusher to Secondary Conveyor	80 LF	Conveyor, Horizontal Belt 24" Belt, 41.5' Length	2.00	EA	\$1,950.00	\$3,900.00
Secondary to	46 LF	Conveyor, Horizontal	1.00	EA	\$2,425.00	\$2,425.00

Transfer Conveyor		Belt 24" Belt, 61.5' Length				
Reclaim Conveyor	60 LF	Conveyor, Horizontal Belt 24" Belt, 61.5' Length	1.00	EA	\$2,425.00	\$2,425.00
Reclaim to Transfer Conveyor	100 LF	Conveyor, Horizontal Belt 24" Belt, 61.5' Length	2.00	EA	\$2,425.00	\$4,850.00
Transfer to Loadout Conveyor	100 LF	Conveyor, Horizontal Belt 24" Belt, 61.5' Length	2.00	EA	\$2,425.00	\$4,850.00
- Conveyor Footings	2'x1'x14 LF	Demo. and on-site disposal in excavated pit, 1.0 ft. x 2 ft. - Max. 200 ft. push	14.00	LF	\$4.84	\$67.76
Railroad Track	1,650 LF	Railroad track - Ties and track	1,650.00	LF	\$9.98	\$16,467.00
- Ballast	1,100 CY	Railroad track - Ballast	1,100.00	CY	\$4.90	\$5,390.00
Substation Fencing	164 LF	Fencing, chain link, including posts and fabric - 8 ft. to 10 ft. high	164.00	LF	\$3.08	\$505.12
Retaining Wall	272'x7.5'x12"	Demo. and on-site disposal in excavated pit, 12 in. thick - Max. 200 ft. push	2,040.00	SF	\$2.53	\$5,161.20
- Footing	1'x2'x128 LF	Demo. and on-site disposal in excavated pit, 1.0 ft. x 2 ft. - Max. 200 ft. push	128.00	LF	\$4.84	\$619.52
Concrete Sump	36.5'x36.5'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	1,332.00	SF	\$1.21	\$1,610.39
Powerlines and Poles	1,115 LF	Utility Poles, Wood 35' - 45' high (each pole)	6.00	EA	\$297.50	\$1,785.00
Coal Loadout Bin	10'x6'x12'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	720.00	CF	\$0.22	\$160.56
Road Pavement	300'x24'x6"	Pavement, bituminous, demolition only - 4 in. to 6 in. thick	800.00	SY	\$8.08	\$6,464.00
- Guard Rails	1,140 LF	Railing, roadside guiderail and posts (posts on 20 ft. centers)	1,140.00	LF	\$2.85	\$3,249.00
Stoker Oil Building Expansion	10'x10'x110'	Bldg. (SN) demo./on-site disposal in excavated pit - Max. 200 ft. push	1,000.00	CF	\$0.22	\$223.00
- Pad	10'x10'x4"	Demo. and on-site disposal in excavated pit, 4 in. thick - Max. 200 ft. push	100.00	SF	\$0.81	\$80.60
- Walls	10'x12'x4"	Demo. and on-site disposal in excavated pit, 4 in. thick - Max. 200 ft. push	120.00	SF	\$0.84	\$100.80
Reclaim Tunnel	60'x8'x8'	Bldg. (SN) demo./on-	3,840.00	CF	\$0.22	\$856.32

		site disposal in excavated pit - Max. 200 ft. push				
- Pad	60'x5'x6"	Demo. and on-site disposal in excavated pit, 6 in. thick - Max. 200 ft. push	300.00	SF	\$1.21	\$362.70
- Escapeway	36"x180 LF	Pipe, corrugated metal (CMP) - 36 in. diameter pipe	180.00	LF	\$12.24	\$2,203.56
Remove 5 Barrels of Hazardous Waste	5@55 Gallons	Hazardous waste removal - Drum solids/liquids, per drum, (1-6 drum job)	5.00	DRUM	\$453.19	\$2,265.95
6,000 Gallon Diesel Tank	6,000 Gallons	Comprehensive storage tank removal, non-leaking - 6,000 to 8,000 gal. tank	1.00	EA	\$5,416.35	\$5,416.35
4,000 Gallon Water Tank	4,000 Gallons	Haul tank to certified salvage dump - 3,000 to 5,000 gal. tank	1.00	EA	\$760.00	\$760.00
1,500 Gallon Anti-Freeze Tank	1,500 Gallons	Comprehensive storage tank removal, non-leaking - 3,000 to 5,000 gal. tank	1.00	EA	\$3,522.20	\$3,522.20
5,000 Gallon Stoker Oil Tank	5,000 Gallons	Comprehensive storage tank removal, non-leaking - 3,000 to 5,000 gal. tank	1.00	EA	\$3,522.20	\$3,522.20
350 Gallon Fuel Tanks (2)	2@350 Gallons	Comprehensive storage tank removal, non-leaking - 3,000 to 5,000 gal. tank	2.00	EA	\$3,522.20	\$7,044.40
7,000 Gallon Anti-Freeze Tank	7,000 Gallons	Comprehensive storage tank removal, non-leaking - 6,000 to 8,000 gal. tank	1.00	EA	\$5,416.35	\$5,416.35
500 Gallon Diesel Tanks (2)	2@500 Gallons	Comprehensive storage tank removal, non-leaking - 3,000 to 5,000 gal. tank	2.00	EA	\$3,522.20	\$7,044.40
Dispose of powerline material	1,115 LF	Disposal of utility pole and hardware surplus material	1,115.00	LF	\$0.02	\$22.30
Dispose of conveyor material	746 LF	Conveyor, demolition, on-site disposal, existing pit, 200 ft. push	746.00	CF	\$0.30	\$223.80

Job Hours: 200.00Subtotal  
(unadjusted): \$141,340.99Total Cost  
(adjusted for location): \$138,796.85

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mobilize/Demobilize Equipment for Reclamation**Site: **Terror Creek Loadout**Permit Action: RN8Permit/Job#: C1983059**PROJECT IDENTIFICATION**

Task #: 18A State: Colorado Abbreviation: None  
 Date: 6/5/2023 County: Delta Filename: RN8-18A  
 User: LDS

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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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
Cat D9T - 9SU	60.01	\$146.30	\$136.92	1	\$283.22	\$136.92	\$250.00
CAT 815F	22.88	\$110.46	\$68.22	1	\$178.68	\$68.22	\$250.00
Cat 623G	41.35	\$222.02	\$101.82	1	\$323.84	\$101.82	\$250.00
CAT 14M	23.57	\$114.80	\$68.22	1	\$183.02	\$68.22	\$250.00
Subtotals:					<b>\$968.76</b>	<b>\$375.18</b>	<b>\$1,000.00</b>

**ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 6x4, 45K GVW	\$54.51	1	\$54.51	\$54.51
Fuel Tanker, 4x2, 170 HP	\$30.60	1	\$30.60	\$30.60
Subtotals:			<b>\$85.11</b>	<b>\$85.11</b>

**EQUIPMENT HAUL DISTANCE and Time**

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

Total Non-Roadable Mob/Demob Cost \* \$6,625.40  
 ‘\* two round trips with haul rig:  
 Total Roadable Mob/Demob Cost \*\* \$170.22  
 \*\* 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: 6.00 Hours

Total job cost: \$6,796