September 29, 2015

Daniel Griffith CPX II Operating LLC 420 Oil Center Drive Lafayette, LA 70503



**COLORADO** Division of Reclamation, Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215 Denver, CO 80203

## RE: Tepee Park Ranch Shale Borrow Pit, Permit No. M-2008-027, Reclamation Costs Update and Notice of Surety Increase (SI-1)

Dear Mr. Griffith:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed).

Division calculations estimate the cost to reclaim the above referenced site to be <u>\$23,500</u> rounded up from <u>\$23,357.80</u>. This is an increase of <u>\$3,000</u> over the <u>\$20,500</u> currently held by the Division. This estimate is based on conditions observed during the September 18, 2015 inspection. *Therefore, pursuant to Section 34–32.5–117(4) of the Colorado Land Reclamation Act, adequate Financial Warranty must be submitted to the Division within 60 days of the mailing date of this letter. The additional amount needs to be accepted prior to Monday, November 30, 2015. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.* 

Please make arrangements with Barbara Coria at the Division of Reclamation, Mining and Safety Denver Office, phone no. 303.866.3567, ext. 8148 for submittal of the financial warranty. Any questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Barbara Coria.

If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

Sincerely,

ny you

Amy Yeldell Environmental Protection Specialist Department of Natural Resources Division of Reclamation, Mining and Safety Phone: (970) 254-8511 Fax: (970) 241-1516



Ec: Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS Barbara Coria, Denver DRMS

Enc: Financial Warranty Cost Estimate

### COST SUMMARY WORK

Task description: Field v		Field verification	n option-2				
Site:	Tepee Park Ranch Shale e: Borrow Pit		ale Per	rmit Action:	2015 SO-1	Permit/Jo	b#: <u>M2008027</u>
<u>P</u> ]	Task #: Date:	1DENTIFIC 000 7/28/2015	CATION State: County:	Colorado Garfield		Abbreviation: Filename:	None M027-000
	User: Age	ACY ency or organi	zation name: DR	RMS			

## TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Final Upper Slope Grade 1.2H:1V	EXCAVATE	1	21.01	\$2,189.00
02a	Construct 25' wide bench between upper and lower slopes	EXCAVATE	1	12.61	\$1,313.00
03a	Establish final lower slope grade 1.8H:1V	EXCAVATE	1	27.18	\$2,831.00
04a	Distribute 6" of topsoil to 0.35 acres	LOADER	1	1.61	\$128.00
05a	Revegetation of 0.54 acres	REVEGE	1	30.00	\$11,234.00
06a	Initial mobilization to and from site	MOBILIZE	1	3.37	\$756.00
07a	Secondary seeding mobilization	MOBILIZE	1	0.68	\$53.00
		SUBTO	DTALS:	96.46	\$ \$18,504

### **INDIRECT COSTS**

#### **OVERHEAD AND PROFIT:**

Liability insurance:		Total =	\$373.78
Performance bond:		Total =	\$194.29
Job superintendent:		Total =	\$0.00
Profit:	10.00	Total =	\$1,850.40
		TOTAL O & $P =$	
		CONTRACT AMOUNT (direct + O & P) =	\$20,922.47

### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	500.0 4.25 5.00	00 Total = Total =	500.00 \$889.20 \$1,046.12
CONTINGENCY:	0.00	Total =	\$0.00
		TOTAL INDIRECT COST =	\$4,853.80

TOTAL BOND AMOUNT (direct + indirect) = \_\_\_\_\$23,357.80

Rounded 47\$23,500 \*\*

## HYDRAULIC EXCAVATOR WORK

Task description:	Fi	nal Upper Slop	e Grade 1.2	2H:1V			
Tepee Park Ra	unch Shale	Perm	nit Action:		_		
<b>Borrow Pit</b>			-	2015 SO-1	Perm	nit/Job#:	M2008027
PROJECT IDE	<b>NTIFICA</b>	<u> []0N</u>					
Task #: 01A		State:	Colorado		Abbrev	iation:	None
Date: 7/28	8/2015	County:	Garfield		File	ename:	M027-01a
User: AC	Y						
Agency	or organizati	on name: DR	MS				
HOURLY EQU	JIPMENT	<u>COST</u>					
Basic Mac		320D LRR 9'-6	22	I	Horsepower:		148
A	Sticl						
Attachme	ent I: ROI	PS Cab		W	/eight (MT): Shift Basis:		21.55 per day
				I	Data Source:		CRG)
Cost Preakdoum							
Cost Breakdown:				Utilization %			
Ownershi	p Cost/Hour:	\$26.6	53	NA			
Operatin	g Cost/Hour	\$49.3		100			
•	or Cost/Hour			NA			
Total Un	it Cost/Hour	\$104.	15				
Total Fle	et Cost/Hou	:: \$104	.15				
MATERIAL C		<u>ES</u>	OOV	C	1 2 2 2		
Initial volu Loose volu			CCY LCY	Swell facto	or: <u>1.333</u>		
Sour	rce of estima		Cat Hand				
Excavator Cycle	Time (load b	ucket, swing loa	ided, dump l	bucket, swing empt	<u>ty):</u>		
			Basic Job (	Condition Description	on: AVERAG	E	
	S	econdary Job Co	ondition wit	hin Basic Description		E	
Load Bucket Car	acity			Cycle Time Val	lue: 0.284		minutes
Load Ducket Car	Jacity				Bucket Size Cla	iss <sup>,</sup> M	ſedium
Rated	Capacity:	1.54	LCY (he	eaped)	Ducher Dize ela		
	ill Factor:	0.675		Well blasted (60% -	- 75%) 0.675		
Adjusted	Capacity:	1.04	LCY				
Job Condition Co	orrection Fac	tors		Site	Altitude: <u>9400</u> fe	et	
			Source				
Altitud	·	0.87	(CAT H				
Job Effic Net Corre	-	0.83	(1 shift/d				
iner Corre			multiplie				
		sted Hourly Unit			LCY/Hour		
	•	sted Hourly Unit ted Hourly Fleet			_ LCY/Hour LCY/Hour		
JOB TIME A	·		Troduction				
Fleet size:	1	Excavat	tor	Fotal job time:	21.02		Hours
	-						
Unit cost:	\$0.657	/LCY		Total job cost:	\$2,189		_

# HYDRAULIC EXCAVATOR WORK

Task description:	Cons	truct 25' wide	e bench b	etween upper a	nd lower slope	es	
Tepee Park Ranch e: Borrow Pit	Shale	Permi	it Action:	2015 SO-1		Permit/Job#:	M2008027
PROJECT IDENTI	FICATI	<u>NC</u>					
Task #: 02A   Date: 7/28/201   User: ACY		County:	Colorado Garfield		Ab	breviation: Filename:	None M027-02a
Agency or org			1S				
HOURLY EQUIPM							
Basic Machine: Cat 320D LRR 9'-6" Stick Attachment 1: ROPS Cab					Horsepower: Weight (MT): Shift Basis:	2	148 1.55 er day
Cost Breakdown:					Data Source:		CRG)
	+/TT	<b>\$\$</b> \$\$		Utilization %			
Ownership Cos Operating Cos		\$26.63 \$49.35		<u>NA</u> 100			
Operator Cos		\$28.17		NA			
Total Unit Cos		\$104.15					
Total Fleet Co	st/Hour:	\$104.1	5				
MATERIAL QUAN	TITIES						
Initial volume:	1,500		CCY	Swell fac	tor: 1.333		
Loose volume:	2,000		LCY				
		ted volume:	Reclamat Cat Hand				
HOURLY PRODUC		π		ocon			
Excavator Cycle Time		et, swing loade	ed, dumn b	ucket swing em	ntv):		
	<u></u>	_	-				
	Seco			ondition Descrip in Basic Descrip			
	5000			Cycle Time V		CAGE	minutes
Load Bucket Capacity				- ,			mmutos
					Bucket Size	Class: Me	edium
Rated Capaci		1.54	LCY (hea				
Bucket Fill Fact		0.675		ell blasted (60%	- 75%) 0.675		
Adjusted Capaci	-	1.04	LCY				
Job Condition Correction	on Factors			Site	e Altitude: <u>940</u>	<u>0</u> feet	
Altitude Adj:	0	87	Source				
Job Efficiency:		87	(CAT HE (1 shift/da				
Net Correction:		72	multiplier				
			•		1.01-7-		
0		Hourly Unit Pr Hourly Unit Pr		<u> </u>	LCY/Hou LCY/Hou		
		Hourly Fleet Pr		158.58	LCY/Hou LCY/Hou		
JOB TIME AND CO	-					-	
Fleet size:	1	Excavator	To	otal job time:	12.	61	Hours
Unit cost:\$(	0.657	/LCY		Total job cost:	\$1,3	313	
		-		5			

## HYDRAULIC EXCAVATOR WORK

Task description:	Estab	lish final lower slo	pe grade 1.8H:1V		
Tepee Park Ranch	Shale	Permit Act	ion:		
: Borrow Pit			2015 SO-1	Perm	it/Job#: M2008027
PROJECT IDENTI	FICATIO	<u>DN</u>			
Task #: 03A		State: Color	rado	Abbrevi	ation: None
Date: 7/28/201	5	County: Garfi	eld	File	name: M027-03a
User: ACY					
Agency or or	ganization	name: DRMS			
HOURLY EQUIPM	<u>IENT CC</u>	<u>ST</u>			
Basic Machine:	Cat 320 Stick	D LRR 9'-6"	ŀ	Horsepower:	148
Attachment 1:		`ah	W	eight (MT):	21.55
i traominini i .	ROLD			Shift Basis:	1 per day
			Γ	Data Source:	(CRG)
Cost Breakdown:					
			Utilization %		
Ownership Cos		\$26.63	NA		
Operating Cos		\$49.35	100		
Operator Cos Total Unit Cos		\$28.17 \$104.15	NA		
	so nour:	\$104.13			
Total Fleet Co	st/Hour:	\$104.15			
MATERIAL QUAN	NTITIES				
Initial volume:	3,700	CC	Y Swell factor	r: 1.165	
Loose volume:	4,311	LC	Y		
Sourc	e of estima	ted volume: Rec	lamation plan		
Source of	estimated	swell factor: Cat	Handbook		
HOURLY PRODU	CTION				
		et awing loaded d	ump bucket, swing empt	· · ·	
Excavator Cycle Thile		et, swing loaded, d	ump bucket, swing empt		
	-		Job Condition Description		
	Seco	ndary Job Condition	n within Basic Descriptio Cycle Time Valu		
Load Bucket Capacity			Cycle Time Van	ue: 0.284	minutes
<u>Doub During Cupurn</u>				Bucket Size Clas	ss: Medium
Rated Capac	city:	1.54 LC	Y (heaped)	Sucket Dize Cla	
Bucket Fill Fac			ck - Well blasted (60% -	75%) 0.675	
Adjusted Capac	city:	1.04 LC			
Job Condition Correct	ion Factors		Site 2	Altitude: <u>9400</u> fe	et
			ource		
Altitude Adj	: 0	1	AT HB)		
Job Efficiency			hift/day)		
Net Correction	. 0	.72 mul	tiplier		
τ	Jnadjusted	Hourly Unit Produ	ction: 219.61	LCY/Hour	
	-	Hourly Unit Produ		LCY/Hour	
	Adjusted	Hourly Fleet Produ	ction: 158.58	LCY/Hour	
JOB TIME AND C	COST				
Fleet size:	1	Excavator	Total job time:	27.18	Hours
Unit cost:	\$0.657	/LCY	Total job cost:	\$2,831	
Onit (03t	40.001		i otar job cost.	¢∠,0JI	

CIRCES Cost Estimating Software

# WHEEL LOADER - LOAD AND CARRY WORK

Borrow Pit	Permit Action:	2015 SO-1	Permit/Job#:	M2008027
PROJECT IDENTIFICAT	<u>[]ON</u>			
Task #: 04A	State: Colorado	I	Abbreviation:	None
Date: 7/28/2015   User: ACY	County: Garfield		Filename:	M027-04a
Agency or organization	on name: DRMS			
HOURLY EQUIPMENT	COST			
	924G	Horsep	ower:	128
Attachment 1: ROP	S Cab	Shift I		er day
		Data Sc	ource: ((	CRG)
Cost Breakdown:				
		Utilization %		
Ownership Cost/Hour:	\$12.27	NA		
Operating Cost/Hour:	\$29.88	100		
Operator Cost/Hour:	\$37.13	NA		
Total Unit Cost/Hour:	\$79.28			
Total Fleet Cost/Hour:	\$79.28			
MATERIAL QUANTITIE	<u>ES</u>			
Initial volume: <u>282</u> Loose volume:	CCY 343 LCY	Swell factor: <u>1</u> .	215	
Loose volume:				
	mated volume: Reclama	ation plan		
		ation plan Idbook		
Source of estimate	ed swell factor: Cat Han			
Source of esti- Source of estimate	ed swell factor: Cat Han	dbook		
Source of esti- Source of estimate	ed swell factor: Cat Han		0.475	minutes
Source of esti- Source of estimate	ed swell factor: Cat Han	dbook		1
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors	ed swell factor: Cat Han	ndbook e (load, dump, maneuver):	0.475 Factor (min.) 0.000	Source
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors Material: Stockpile:	ed swell factor: Cat Han	e (load, dump, maneuver): er 0.00	Factor (min.)	1
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors Material: Stockpile: Truck Ownership:	ed swell factor: Cat Han Adjusted Basic Cycle Time Material 3/4" to 6" diamet No adjustment - factor not No adjustment - factor not	e (load, dump, maneuver): er 0.00 applicable 0.00	Factor (min.) 0.000	Source (Cat HB)
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	ed swell factor: Cat Han Material 3/4" to 6" diamet No adjustment - factor not No adjustment - factor not Constant operation -0.04	e (load, dump, maneuver): er 0.00 applicable 0.00 applicable 0.00	Factor (min.) 0.000 0.000	Source (Cat HB) (Cat HB)
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Adjusted Basic Cycle Time Material 3/4" to 6" diamet No adjustment - factor not No adjustment - factor not Constant operation -0.04 No adjustment - factor not	e (load, dump, maneuver): er 0.00 applicable 0.00 applicable 0.00	Factor (min.) 0.000 0.000 0.000 -0.040 0.000	Source (Cat HB) (Cat HB) (Cat HB)
Source of esti- Source of estimate HOURLY PRODUCTION Loader Cycle Time: Un Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	ed swell factor: Cat Han Adjusted Basic Cycle Time Material 3/4" to 6" diamet No adjustment - factor not No adjustment - factor not Constant operation -0.04 No adjustment - factor not No adjustment - factor not	e (load, dump, maneuver): er 0.00 applicable 0.00 applicable 0.00	Factor (min.) 0.000 0.000 0.000 -0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)

Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

## Haul and Return Time

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	130	0.00	5.00	5.00	0.0917	(Cat HB)
Return Route:	130	0.00	5.00	5.00	0.0917	(Cat HB)

Total Travel Time:	0.1834	minutes
Total Cycle Time:	0.6184	minutes

## Load Bucket Capacity

Rated Capacity:	2.70	LCY (heaped)
Bucket Fill Factor:	0.975	Loose material - mixed moist aggregates (95-100%) 0.975
Adjusted Capacity:	2.63	LCY

<u>Job Condition Correction Factors</u> Site Altitude: <u>9400</u> feet

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

Unadjusted Hourly Unit Production:	255.42	LCY/Hour
Adjusted Hourly Unit Production:	211.99	LCY/Hour
Adjusted Hourly Fleet Production:	211.99	LCY/Hour

### JOB TIME AND COST

Fleet size:	1	Loader(s)	Total job time:	1.62	Hours
Unit cost:	\$0.374	/LCY	Total job cost:	\$128	

## **REVEGETATION WORK**

e:	Tepee Pa Borrow I	rk Ranch Sha 'it	ale F	ermit Action:	2015 SO-1	Permit/Jo	b#: <u>M2008027</u>
п	OFCT	IDENTIFIC	ATION				
PI	Task #:	05A	State:	Colorado		Abbreviation:	None

## **FERTILIZING**

### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
6-24-24, 10-20-10, 15-15-15	200.00	pound	\$0.26	\$52.80
			Total Fertilizer Materials	653.90
			Cost/Acre	\$52.80

## Application

Description		Cost /Acre
Hand spread (MEANS 32 01 90.13 0100)		\$509.65
	Total Fertilizer Application Cost/Acre	\$509.65

## **TILLING**

Description		Cost /Acre
Hand raking (MEANS 32 91 13.23 0250)		\$1,219.68
	Total Tilling Cost/Acre	\$1,219.68

## **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluegrass - Sherman	0.40	8.26	\$2.76
Indian Ricegrass - Paloma	2.00	6.47	\$17.42
Russian Wildrye - Bozoisky	2.00	8.03	\$12.48
Bottlebrush Squirreltail	1.80	7.93	\$44.75
Intermediate Wheatgrass - Rush	6.00	12.81	\$13.44
Slender Wheatgrass - Pryor	5.60	20.44	\$17.30
Siberian Wheatgrass	3.40	8.59	\$9.08
Totals Seed Mix	21.20	72.54	\$117.23

## Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$261.28
	Total Seed Application Cost/Acre	\$261.28

### **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Polyprop. mesh, stapled (MEANS 31 25 14.16 0200)	1.00	ACRE	\$8,034.40	\$8,034.40
Silt fence, adverse cond. (MEANS 31 25 14.16 1100)	330.00	LINEAR FOOT	\$0.84	\$277.20
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$265.00	\$530.00
Tackifier, >=10 acres {Materials Only}	1.00	ACRE	\$153.53	\$153.53
Total Mulch Materials Cost/Acre				\$8,995.13

## Application

Description		Cost /Acre
Hand spread, 1" deep (MEANS 32 91 13.16 0200)		\$2,855.60
Hydromulching (MEANS 32 92 19.14 0200)		\$847.24
Silt fence, adverse cond. (MEANS 32 25 14.16 1100)		\$0.84
	Total Mulch Application Cost/Acre	\$3,703.68

## **NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		То	tals Nursery Stoc	k Cost / Acre	\$0.00

## JOB TIME AND COST

	No. of Acres: d Failure Rate: g Work Items:	40%	Cost /Acre: Cost /Acre*: LLING,SEEDING,MU	\$14,859.45 \$14,859.45	
Initial Job Cost: Reseeding Job Cost: Total Job Cost: Job Hours:	\$3,209.64 \$11,234				

## EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Initi	al mobilization to	o and from site	2			
Tepee Park Ran Borrow Pit	ch Shale	Permit A	Action: 2015	SO-1	I	Permit/Job#: <u>M2</u>	2008027
PROJECT IDENT	<b>FIFICATI</b>	<u>0N</u>					
Task #: 06A   Date: 7/28/2   User: ACY	2015		lorado rfield			viation: <u>None</u> lename: <u>M027</u>	-06a
Agency or	organization	name: DRMS					
EQUIPMENT TR	ANSPOR	<u>r rig cost</u>					
				(	Shift ba Cost Data Sour		·
Truck T	ractor Desci	ription: GENE	RIC ON-HIGH		JCK TRACTO (2ND HALF,	OR, 6X4, DIESEL 2006)	POWERED,
	Frailer Desci	ription: GI			SENECK, DF (25T, 50T, AN	ROP DECK EQUI ND 100T)	PMENT
Cost Breakdown:							
Available Rig Cap		0-25 Tons	26-50 Tons		- Tons		
Ownership C		\$16.63	\$18.37		22.33		
Operating C Operator C		\$44.38 \$27.66	\$46.13 \$27.66		50.07 27.66		
	Cost/Hour:	\$0.00	\$25.39		25.39		
Total Unit C		\$88.67	\$117.55		25.45		
NON ROADABL	E EQUIPN	<u>MENT:</u>					
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permi
Description	Unit (TONS)	Cost/hr/ unit	Cost/hr/uni t	Size	Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
Cat 320D LRR 9'- 6" Stick	23.70	\$26.63	\$88.67	1	\$115.30	\$88.67	\$0.00
CAT 924G	12.69	\$12.27	\$88.67	1	\$100.94	\$88.67	\$0.00

## **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$77.87	1	\$77.87	\$77.87
		Subtotals:	\$77.87	\$77.87

Subtotals:

\$216.24

\$177.34

\$0.00

### **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	<b>RIFLE CO</b>	
Total one-way travel distance:	12.00	miles
Average Travel Speed:	35.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$702.36	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$53.40	

Transportation Cycle Time:

	Non- Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.34	0.34
Return Time (Hours):	0.34	0.34
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.69	0.69

## JOB TIME AND COST

Total job time:3.37HoursTotal job cost:\$756

## EQUIPMENT MOBILIZATION/DEMOBILIZATION

	1: Sec	ondary security in	obilization	_				
Tepee Park F Borrow Pit	Ranch Shale	Permit	Action:2015 \$	50-1	]	Permit/Jo	b#: _M	2008027
PROJECT IDE	ENTIFICATI	<u>ON</u>						
	7A 28/2015 CY		lorado rfield			eviation: lename:	None M027	
Agency	or organizatior	n name: DRMS						
EQUIPMENT	TRANSPOR	T RIG COST						
_					Shift ba Cost Data Sour	rce: (	1 per da CRG Da	ita
Truc	ck Tractor Desc	ription: GENE	RIC ON-HIGHV	VAY TRU	<b>JCK TRACTO</b>	DR. 6X4.	DIESEI	POWERED
								LIOWLRED,
	ck Trailer Desc	ription: G	ENERIC FOLD	400 HP NG GOO	(2ND HALF,	2006) ROP DEC	K EQU	
Cost Breakdown:			ENERIC FOLDI T	400 HP NG GOO RAILER	(2ND HALF, SENECK, DF (25T, 50T, AN	2006) ROP DEC	K EQU	
Cost Breakdown: Available Rig (	Capacities	0-25 Tons	ENERIC FOLDI T 26-50 Tons	400 HP NG GOO RAILER 51+	(2ND HALF, SENECK, DF (25T, 50T, AN Tons	2006) ROP DEC	K EQU	
Cost Breakdown: Available Rig ( Ownershi	C <b>apacities</b> p Cost/Hour:	0-25 Tons \$16.63	ENERIC FOLDI T 26-50 Tons \$18.37	400 HP NG GOO RAILER 51+ \$2	(2ND HALF, SENECK, DF (25T, 50T, AN Tons (2.33	2006) ROP DEC	K EQU	
Cost Breakdown: Available Rig ( Ownershi Operatin	C <b>apacities</b> p Cost/Hour: g Cost/Hour:	0-25 Tons \$16.63 \$44.38	ENERIC FOLDI T 26-50 Tons \$18.37 \$46.13	400 HP NG GOO RAILER 51+ \$2 \$5	(2ND HALF, SENECK, DF (25T, 50T, AN 7005 (2.33 0.07	2006) ROP DEC	K EQU	
<u>Cost Breakdown:</u> Available Rig ( Ownershi Operatin Operato	Capacities p Cost/Hour: g Cost/Hour: or Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66	ENERIC FOLD T 26-50 Tons \$18.37 \$46.13 \$27.66	400 HP NG GOO RAILER 51+ \$2 \$5 \$2	(2ND HALF, SENECK, DF (25T, 50T, AN 2.33 0.07 7.66	2006) ROP DEC	K EQU	
Cost Breakdown: Available Rig ( Ownershi Operatin Operato Helpe	C <b>apacities</b> p Cost/Hour: g Cost/Hour:	0-25 Tons \$16.63 \$44.38	ENERIC FOLDI T 26-50 Tons \$18.37 \$46.13	400 HP NG GOO RAILER 51+ \$2 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF (25T, 50T, AN 7005 (2.33 0.07	2006) ROP DEC	K EQU	
Cost Breakdown: Available Rig ( Ownershi Operatin Operato Helpe Total Un	Capacities p Cost/Hour: g Cost/Hour: or Cost/Hour: er Cost/Hour: it Cost/Hour:	<b>0-25 Tons</b> \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	ENERIC FOLD T 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	400 HP NG GOO RAILER 51+ \$2 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF (25T, 50T, AN 2.33 0.07 7.66 5.39	2006) ROP DEC	K EQU	,
Cost Breakdown: Available Rig ( Ownershi Operatin Operato Helpe Total Un	Capacities p Cost/Hour: g Cost/Hour: or Cost/Hour: er Cost/Hour: it Cost/Hour:	<b>0-25 Tons</b> \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	ENERIC FOLDI T 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55	400 HP NG GOO RAILER 51+ \$2 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF (25T, 50T, AN 2.33 0.07 7.66 5.39 25.45	2006) ROP DEC ND 100T)	K EQU	,
Cost Breakdown: Available Rig ( Ownershi Operatin Operato Helpe Total Un	Capacities p Cost/Hour: g Cost/Hour: or Cost/Hour: er Cost/Hour: it Cost/Hour: BLE EQUIPN	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 <b>IENT:</b>	ENERIC FOLD T 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	400 HP NG GOO RAILER 51+ \$2 \$5 \$2 \$2 \$2 \$1	(2ND HALF, SENECK, DF (25T, 50T, AN 2.33 0.07 7.66 5.39	2006) ROP DEC	K EQU	IPMENT

## **ROADABLE EQUIPMENT:**

uni		Cost/hr/ flee	t Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW \$77	87 1	\$77.87	\$77.87

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	RIFLE CO	
Total one-way travel distance:	12.00	miles
Average Travel Speed:	35.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$0.00	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$53.40	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.34	0.34
Return Time (Hours):	0.34	0.34
Loading Time (Hours):	0.00	NA
Unloading Time (Hours):	0.00	NA
Subtotals:	0.69	0.69

## JOB TIME AND COST

Total job time: 0.69 Hours

Total job cost: \$53