COST SUMMARY WORK

Hatcher	y Pit	Permi	t Action: SR-01	Permit/Job	o#: M2014043
OJECT	IDENTIFIC	CATION			
			. 1 1),
Task #:	000		Colorado	Abbreviation:	None
Date:	3/16/2022	County: A	Adams	Filename:	M043-000
User:	NCG				

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill and grade upper slopes	TRUCK1	1	86.53	\$130,130
002	Spread 10 inches of topsoil over 37.25 acres	SCRAPER1	1	49.29	\$73,424
003	Revegetation	REVEGE	1	43.50	\$36,788
004	Concrete demo from plant	DEMOLISH	1	0.00	\$12,119
005	Mobilization and Demobilization	MOBILIZE	1	4.72	\$16,236
		<u>SUBTO</u>	TALS:	184.04	\$268,697

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$5,428
Performance bond:	1.05	Total =	\$2,821
Job superintendent:	92.02	Total =	\$6,628
Profit:	10.00	Total =	\$26,870
		TOTAL O & P =	\$41,747
		CONTRACT AMOUNT (direct + O & P) =	\$310,444

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 7.22 5.30	Total = Total =	\$500 \$22,414 \$16,454
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	NDIRECT COST =	\$81,114
TC)TAL AMOUNT (direct + indirect) =	\$349,811
TOT	TAL BOND AMO	UNT (rounded) =	\$350,000

TRUCK/LOADER TEAM WORK

Task description:	Backfill	and grade upper	r slopes							
Site: Hatchery Pit		Permit Actio	on: SR1		Permit/Job#: <u>M</u>	2014043				
PROJECT IDE	NTIFICATION	<u>[</u>								
Task #: 001		State: Colora		Ab	breviation: No					
Date:3/16/2022County:AdamsFilename:M043-001User:NCG										
Agency of	or organization na	ne: DRMS								
HOURLY EQU	IPMENT COS	<u>Γ</u>		Shift bas	is: <u>1 per day</u>					
Equipment Description										
	Truck Loader Tea		<u>725</u> Г 990Н							
Sup	port Equipment -I		D9T - 9SU							
	-D	ump Area: Cat	D9T - 9SU							
Road M	Maintenance – Mot		Γ 12M							
	- W 8	tter Truck: wat	ter Tanker, 10,000	J Gal.						
Cost Breakdown:	Truck/Lo	ader Team	Support l	Equipment	Maintenan	ce Equipment				
	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck				
%Utilization-machine:	100	100	50	100	25	25				
Ownership cost/hour:	\$72.63	\$116.41	\$126.01	\$126.01	\$47.01	\$84.03				
Operating cost/hour:	\$49.40	\$110.53	\$70.71	\$141.41	\$9.42	\$27.17				
%Utilization-riper:	NA	0	25	0	NA	NA				
Ripper own. cost/hour:	NA	\$0.00	\$19.26	\$19.26	\$0.00	\$0.00				
Ripper op. cost/hour:	NA	\$0.00	\$2.87	\$0.00	\$0.00	\$0.00				
Operator cost/hour:	\$24.82	\$35.97	\$40.04	\$40.04	\$46.87	\$38.91				
Unit Subtotals:	\$146.85	\$262.91	\$239.62	\$307.46	\$103.30	\$150.10				
Number of Units:	3	1	1	1	1	1				
Group Subtotals:	Work:	\$703.46	Support:	\$547.08	Maint:	\$253.40				
Total work team co	ost/hour: <u>\$1,503.</u>	94								
MATERIAL QU	UANTITIES									
Initial volume		CCY	Swall	factor: 1.115						
Loose volum	· · · · · · · · · · · · · · · · · · ·			Iactor. 1.115						
	ource of estimated			on, Mining & Safe	>tv					
	e of estimated swe		Handbook	n, while a sat	ly					
	Material Purch									
	Te	otal Cost: \$0.00)							
HOURLY PRO	DUCTION									
Truck Capacity:										
Truck Payload (we			Dour de /L CV							
Material Desc	weight: 2,100 cription: Earth -	Loam	Pounds/LCY							
	Payload: 52,000		Pounds							
Payload C			LCY							

Struck Volume:						
		LCY				
Heaped Volume:		LCY				
Average Volume:		LCY				
Adjusted Volume:	18.70 I	LCY				
Final	Truck Volume I	Based on Number	of Loader Passes:	11.81	LCY	
Loading Tool Capacity			Ruel	tet Size Class: N	T A	
Rated Capacity:	11.250	LCY (heaped)		et Size Class. N	A	
Bucket Fill Factor:	1.050		r sandy clay (100%	- 110%) 1.050		_
Adjusted Capacity:	11.813	LCY		,		
Job Condition Corrections:	_		Site Altitude (ft.): 5	5 <u>100</u> feet		
	Truck	Loader	Source			
Altitude Adj:	1.000	1.000	(CAT HB)		
Job Efficiency:	0.830	0.830	(CAT HB)		
Net Correction:	0.830	0.830				
Loading Tool Cycle Time:	Numbor	of Londing Tool L	Passes Required to I	Fill Truck:	1	Dassas
Excavators and Front Shovel		of Loading 1001 P	rasses Required to i		1	passes
Machine Cuale Time -	Loh Condition	Datime. MA				
Machine Cycle Time vs Selected Value v						
•	vithin this Basic	Rating: NA				
Selected Value v	vithin this Basic	Rating: NA				
Selected Value v Track Loaders –	vithin this Basic Material Descriț	Rating: NA		 Dump:0.100)	
Selected Value v Track Loaders – 2 Cycle Time Elements (min.):	vithin this Basic Material Descrip Ma	Rating: NA ption: aneuver: NA		·)).600 min	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders -	vithin this Basic Material Descrip Ma	Rating: NA ption: aneuver: NA	 Гime (load, dump, n	·		utes
Selected Value v Track Loaders – 2 Cycle Time Elements (min.): Load: NA	vithin this Basic Material Descrip Ma	Rating: NA ption: aneuver: NA sic Loader Cycle T	Γime (load, dump, n	naneuver):0	0.600 min	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders - Cycle Time Factors	vithin this Basic Material Descrip Ma Unadjusted Bas	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02	Fime (load, dump, n	naneuver):0	0.600 min Source	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership:	vithin this Basic Material Descrip – Ma – Unadjusted Bas <u>Mixed materia</u> <u>Dumped by tru</u> Common own	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar	nd loaders -0.04	naneuver): 0 Factor (min.) 0.020 0.020 -0.040	0.600 min Source (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar at - factor not appli	nd loaders -0.04 icable 0.00	naneuver):0 Factor (min.) 0.020 0.020 -0.040 0.000	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar at - factor not appli t - factor not appli	nd loaders -0.04 icable 0.00 cable 0.00	naneuver):0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen	Rating: NA ption: aneuver: NA sic Loader Cycle T ll 0.02 uck 0.02 ership of trucks ar it - factor not applit t - factor not applit Net Cycle T	nd loaders -0.04 icable 0.00 cable 0.00 'ime Adjustment:	naneuver): 0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000 0.000	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar it - factor not applie Net Cycle T Adjusted Loa	nd loaders -0.04 icable 0.00 cable 0.00	naneuver):0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar it - factor not applie Net Cycle T Adjusted Loa	nd loaders -0.04 icable 0.00 cable 0.00 'ime Adjustment: ader Cycle Time:	naneuver): 0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000 0.000 0.000 0.000 0.600	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustmen No adjustment	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar it - factor not applie Net Cycle T Adjusted Loa	nd loaders -0.04 icable 0.00 cable 0.00 'ime Adjustment: ader Cycle Time: Time per Truck:	naneuver): 0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000 0.000 0.000 0.000 0.600	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common own No adjustment No adjustment	Rating: NA ption: aneuver: NA sic Loader Cycle T al 0.02 uck 0.02 ership of trucks ar it - factor not applia Net Cycle T Adjusted Loa Net Load	nd loaders -0.04 icable 0.00 cable 0.00 Time Adjustment: ader Cycle Time: Time per Truck:	naneuver): 0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	 Minutes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Exchange Time:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common owne No adjustmen No adjustment 0.50 0.100	Rating: NA ption:	nd loaders -0.04 icable 0.00 cable 0.00 'ime Adjustment: ader Cycle Time: Time per Truck: Adjusted Adjusted	naneuver):0 Factor (min.) 0.020 0.020 -0.040 0.000 0.000 0.000 0.000 0.600 0.100	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.500	 Minutes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Exchange Time: Truck Load Time:	vithin this Basic Material Descrip Ma Unadjusted Bas Mixed materia Dumped by tru Common owne No adjustmen No adjustment 0.50 0.100 0.90	Rating: NA ption:	nd loaders -0.04 icable 0.00 cable 0.00 'ime Adjustment: ader Cycle Time: Time per Truck: Adjusted Adjusted	naneuver): 0 Factor (min.) 0.020 0.020 0.020 -0.040 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.600 0.100 0.100 for site altitude:	0.600 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) 0.500 0.500 0.100 0.900	utes — — — — Minutes — Minutes — — —

	ute:						TT 1	
Seg #	Haul L (Ft)	Distance	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time	
				· · ·	`´´		(min)	
1	700.00		0.00	3.00	3.00	2244	0.569	
					Haul Time:	0.569	minutes	
Return R					11	1		
Seg #		Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
	(Ft)			(%)	(%)	(fpm)	Time (min)	
1	700.00		0.00	3.00	3.00	2884	0.396	
					Return Time:	0.396	minutes	
				Total Tru	ck Cycle Time:	2.465	minutes	
Loading To	ol unit							
	luction _	1,181.25	LCY/Hour		Adjusted for j	ob efficiency:	980.44	LCY/Hour
ruck Unit Prod	luction	287.53	LCY/Hour		A diustad for i	ob efficiency:	238.65	LCY/Hour
	-	207.33			Aujusted for j	ob efficiency.	238.05	
otimal No. of T	rucks:	4	Truck(s)		Selected Num	ber of Trucks:	3	Truck(s)
			Adiuste	d hourly truc	k team production	on: 715.	.94 LCY/H	lour
			Adjusted sing	le truck/loade	er team production			
				le truck/loade	er team production			
<u>JOB TI</u>	ME AN	<u>D COST</u>	Adjusted sing	le truck/loade	er team production			
	ME AN		Adjusted sing	le truck/loade le truck/loade	er team production		.94 LCY/H	lour

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SCRAPER TEAM WORK

Site: Hatchery Pit		Permit Action:	SR1	Perr	nit/Job#: <u>M201</u> 4	4043
PROJECT IDEN	TIFICATION					
Task #: 002	Si	tate: Colorado		Abbrev	viation: None	
Date: 3/16/2	2022 Cou	nty: Adams		File	ename: M043-0	002
User: NCG						
Agency or	organization name:	DRMS				
HOURLY EQUI	PMENT_		COSTShi	ift basis: <u>1 per d</u>	ay	
			ent Description			
			G w/push-pull			
Supr	ort Equipment -Load	Dozer: Cat D9 Area: NA	1 - 980			
	-Dump	Area: NA				
Road M	aintenance – Motor C					
	-Water	Truck: Water 1	Fanker, 10,000 Gal	•		
Cost Breakdown:	Scraper Worl	k Team	Support Equip	ment	Maintenance	Equipment
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Tru
%Utilization-machine:	100	100	NA	NA	25	
Ownership cost/hour:	\$223.48	\$126.01	NA	NA	\$47.01	\$84
Operating cost/hour:	\$193.77	\$141.41	NA	NA	\$9.42	\$27
%Utilization-ripper:	NA	NA	NA	NA	NA	
Ripper own. cost/hour:	NA	\$0.00	NA	NA	\$0.00	\$0
Ripper op. cost/hour:		\$0.00	NA	NA	\$0.00	\$0
Operator cost/hour:		\$40.04	NA	NA	\$46.87	\$38
Unit Subtotals:	\$464.32	\$307.46	NA	NA	\$103.30	\$150
Number of Units:	2	1	0	0	1	
Group Subtotals:	Work:	\$1,236.10	Support:	\$0.00	Maint:	\$253.40
Total work team co	st/hour: <u>\$1,489.50</u>					
MATERIAL QU						
Initial volume Loose volume	/	CCY LCY	Swell facto	or: <u>1.215</u>		
	urce of estimated vol of estimated swell fa		of Reclamation, M dbook	lining & Safety		
HOURLY PROI	DUCTION					
			Scraper Boy	wl (volume) Basi	is:	
					т	
Material weight	1,600 lbs/LCY		Struck V	volume: 24.00		CY
Material weight Material description Rated Payload	Top Soil		Struck V Heaped V Average V	volume: 34.00	LO	CY CY CY

<u>1.00</u> Minutes

<u>0.60</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 5100 feet

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

Travel Time:

Road Condition: Hard, smooth, stabilized, surfaced, watered, maintained 2.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	625.00	-1.00	2.00	1.00	2952	0.38

Haul Time: **0.38** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	625.00	1.00	2.00	3.00	2949	0.36
				Return Time:	0.36	minutes
			1	er team cycle time: for job conditions:		minutes LCY/Hour
				umber of Scrapers:		Scraper(s)
	Adjuste	d single scra	aper team (unit)	hourly production:	1,234.36	LCY/Hour
	Adjusted n	nultiple scra	per team (fleet)	hourly production:	1,234.36	LCY/Hour

Unadjusted unit production/hour: <u>1,487.18</u> LCY/Hour Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	49.29	Hours
Unit cost:	\$1.207	/LCY	Total job cost:	\$73,424	

REVEGETATION WORK

Task description:		Revegetation Permit Action:	SR1	Permit/Job	#: <u>M2014043</u>	
PROJECT I	DENTIFIC	CATION				
Task #: _ Date: _ User: _	003 3/16/2022 NCG	State: Colorado County: Adams		Abbreviation: Filename:	None M043-003	

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
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$114.56
Weed control spraying (MEANS 31 31 16.13 3100)	\$290.40
Total Tilling Cost/Acre	\$404.96

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	0.56	9.14	\$7.69
Buffalograss - Native/Plains	3.13	3.02	\$37.77
Little Bluestem - Native	0.56	3.34	\$7.60
Sideoats Grama - El Reno	1.13	3.71	\$9.46
Intermediate Wheatgrass - Rush	1.38	2.95	\$3.86
Oats - Russel	0.56	0.17	\$0.18
Slender Wheatgrass - Native	1.48	5.40	\$6.85
Thickspike Wheatgrass - Critana	9.00	31.82	\$61.88

Totals Seed Mix	17.80	59.54	\$135.28

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
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Applicatio	n Cost/Acre \$0.00

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

JOB TIME AND COST

Estimated *Selected Replantin	No. of Acres: d Failure Rate: g Work Items:	20%	Cost /Acre: Cost /Acre*:	
Initial Job Cost: _ Reseeding Job Cost: _ Total Job Cost: _ Job Hours: _	\$3,195.34 \$36,788		-	

DEMOLITION WORK

r	Task description:	Concrete de	emo from plant			
Site:	Hatchery Pit		Permit Action:	SR1	Permit/.	lob#: <u>M2014043</u>
PROJE	CT IDENTIFICATIO	<u>N</u>				
Task #: Date: User:	3/16/2022	State: County:	Colorado Adams		Abbreviation: Filename:	None M043-004
	Agency or organiza	ation name:	DRMS			
<u>UNIT CO</u>	<u>DSTS</u>				Location adju	stment: 101.20 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Concrete Demolition From Plant	NA	Demo. and on-site disposal in existing pit, 12 in. thick - Max. 200 ft. push	5,940.00	SF	\$2.02	\$11,975.04

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	0.00	(unadjusted):	\$11,975.04	location):	\$12,118.74

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mo	bilization and De	mobilization				
e: Hatchery Pit		Permit	Action: SR1]	Permit/Job#: <u>M</u>	2014043
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 005		State: Co	olorado		Abbre	eviation: None	
Date:3/16/2022County:AdamsAdoreviation:NoneUser:NCGNCG					-005		
Agency or	organization	n name: DRMS					
EQUIPMENT TI	RANSPOR	T RIG COST					
-					Shift ba	sis: 1 per da	V
					Cost Data Sour		
Truck	Tractor Desc	ription: GENE	RIC ON-HIGH	WAY TR	UCK TRACTO	OR, 6X4, DIESEI	POWERED,
		I			P (2ND HALF,		,
Truck	Trailer Desc	ription: G	ENERIC FOLD	ING GO	OSENECK, DF	ROP DECK EQU	IPMENT
]	RAILEF	R (25T, 50T, AN	ND 100T)	
Cost Breakdown:							
Available Rig Ca		0-25 Tons	26-50 Tons		+ Tons		
Ownership (\$21.28	\$37.94		\$47.67		
Operating (\$26.55	\$50.48		\$56.21		
	Cost/Hour:	\$20.54	\$20.54		\$20.54		
Helper Cost/Hour:		\$0.00	\$23.53		\$23.53		
Total Unit C	Cost/Hour:	\$68.37	\$132.49	\$	147.95		
NON ROADABL	E EQUIPN	MENT:					
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
±	(TONS)		t		fleet		
CAT 990H	83.34	\$116.41	\$147.95	1	\$264.36	\$147.95	\$250.00
Cat D9T - 9SU	66.13	\$145.27	\$147.95	2	\$586.44	\$295.90	\$500.00
CAT 12M	16.01	\$47.01	\$68.37	2	\$230.76	\$136.74	\$500.00
CAT 836H	54.88	\$223.80	\$147.95	1	\$371.75	\$147.95	\$250.00
Centrifugal pump - 200M, 10 in.	1.95	\$19.73	\$68.37	1	\$88.10	\$68.37	\$250.00
Cat 637G w/push- pull	59.59	\$223.48	\$147.95	2	\$742.86	\$295.90	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$7.98	\$68.37	2	\$152.70	\$136.74	\$250.00

Subtotals: \$2,436.97 \$1,229.55 \$2,500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Cat 725	\$146.85	1	\$146.85	\$146.85
Water Tanker, 10,000 Gal.	\$192.69	1	\$192.69	\$192.69
Fuel Tanker, 6x4, 210 HP	\$85.26	1	\$85.26	\$85.26

Subtotals: \$424.80 \$424.80

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DENVER 10.00 55.00	miles
Total Non-Roadable Mob/Demob Cost *	\$16,081.16	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$154.47	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.18	0.18
Return Time (Hours):	0.18	0.18
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.36	0.36

JOB TIME AND COST

Total job time: **4.73** Hours

Total job cost: ______\$16,236