

April 1, 2024

Wyatt Webster Holcim – WCR, Inc. 1687 Cole Blvd., Suite 300 Golden, CO 80401

RE: Table Mountain Quarry (M-1999-004), Technical Revision 3 (TR-3), Reclamation of Solar Panel Array/Ancillary Equipment

Wyatt Webster,

On April 1, 2024 the Division of Reclamation, Mining and Safety (Division) received your adequacy review response to the Division's adequacy review letter dated March 29, 2024. During review of the material submitted, the Division determined that the following issue(s) of concern need to be adequately addressed before the Technical Revision can be considered for approval. Please provide the following:

1. The Division has calculated an updated reclamation bond cost estimate based on responses to the previous adequacy letter. A copy of this cost estimate has been provided to Holcim via this letter. Please submit any comments or questions regarding this estimate to the Division. Should Holcim accept the details of the cost estimate, a Notice of Surety Increase will follow under sperate cover.

Please submit your response(s) to the above listed issue(s) by **April 15, 2024**, in order to allow the Division sufficient time for review. If you cannot address the above issues by such date, please request an extension to the decision due date in order to ensure adequate time for the Division to review the materials. A decision due date of April 25, 2024 has been set. If any adequacy issues remain by the decision due date the Division may deny your request.

The Division will continue to review your Technical Revision and will contact you if additional information is needed.

If you require additional information, or have questions or concerns, please feel free to contact me at 720-868-7757 or hunter.ridley@state.co.us

Sincerely,

Hunter C. Ridley

Hunter Ridley

Environmental Protection Specialist

CC: Zach Trujillo, DRMS



COST SUMMARY WORK

	rask description: Cost Summary				
Site:	Table Mountain Quarry Permit Action:	2023 SO Updat	te	Permit/Job	#: <u>M1999004</u>
<u>P</u>]	ROJECT IDENTIFICATION				
	Task #: 000 State: Colorado Date: 11/8/2023 County: Fremont User: HR1 Agency or organization name: DRMS			Abbreviation: _ Filename: _	None M004-000
<u>T</u> .	ASK LIST (DIRECT COSTS)				
ask	Description	Form Used	Fleet Size	Task Hours	Cost
10	Backfill highwall, adjusted volume for cast blasting	DOZER	1	19.25	\$8,513
11	Spread topsoil all areas	DOZER	1	32.33	\$14,300
21 30	Haul topsoil for all areas Drilling and blasting (see 030.1 worksheet) @ \$1.14/CY	TRUCK1 NA	1 1	5.00	\$84,400 \$31,068
40 50	Revegetation Demo/Haul Quonset Structure	REVEGE DEMOLISH	1 1	50.00 12.00	\$57,623 \$11,968
60 70	Mob/Demob Equipment demo / disposal of solar panel and ancillary	MOBILIZE DEMOLISH	1 1	5.00 16.00	\$5,311 \$10,661
	equipment				
		SUBTO	OTALS:	292.37	\$223,844
	NDIRECT COSTS VERHEAD AND PROFIT:				
	Liability insurance: 2.02 Performance bond: 1.05 Job superintendent: 138.18 Profit: 10.00			Total =	,522 ,350 ,993 2,384
	CONT	RACT AMOUNT			8,249 62,093
LI	EGAL - ENGINEERING - PROJECT MANAGEMENT	:			
	Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$0 4.25 5.00	- -		1,139 3,105
	CONTINGENCY:	0.00		Total = \$0	
		TOTAL II	NDIREC"		2,493
	TOTAL BO	ND AMOUNT (d	lirect + iı	ndirect) = \$2	86,337

BULLDOZER WORK

Table Mountain Qua	rry Perr	nit Action:	2023 SO Update	Permit/Job#:	M1999004
PROJECT IDENTIF	<u>ICATION</u>				
Task #: 010	State:	Colorado		Abbreviation:	None
Date: 11/8/2023	County:	Fremont		Filename:	010
User: TC1	·			-	
Agency or orga	nization name: DR	MS			
HOURLY EQUIPMI	ENT COST				
	t D9T - 9SU				
Horsepower: 40:	5				
	mi-Universal				
Attachment: NA			<u> </u>		
	er day				
Data Source: (C	RG)		_		
Cost Breakdown:			I		
			<u>Utilization %</u>		
Ownership Cost/Hour:		\$238.76	NA 100		
Operating Cost/Hour:		\$162.29	100		
Ripper own. Cost/Hour: Ripper op. Cost/Hour:	-	\$0.00 \$0.00	NA 0		
		\$41.30			
Operator Cost/Hour:	-	\$41.3U	NA		
Total unit Cost/Hour:	\$442.35				
Total Fleet Cost/Hour:	\$442.35				
MATERIAL QUANT	<u>rities</u>				
Initial Volume: 29,7	797				
Swell factor: 1.00					
	'97 LCY	_			
Source of estimated volu	ma: TD 2 As	eumo only ?	2/3 cast blast volume		
Source of estimated void			2/3 cast blast volume		
bource of estimated swel	- Cut Hunds	JOOK			
HOURLY PRODUC	TION				
	<u></u>				
Average push distance:	50 feet	7./1			
Unadjusted hourly produ	ction: 2,110.5 LCY	(/hr			
Materials consistency de	scription: Consoli	dated stock	oile 1.0		
Average push gradient:	-15 %				
Average site altitude:	7,130 feet				
<i>5</i>		<u> </u>			
Material weight:	2,800 lbs/LCY				
Weight description:	Granite - Broken				
Job Condition Correction	n Factor		Source		
Operator		750	(AVG.)		
Material consist		000	(CAT HB)		
Dozing me		200	(SLOT)		
		000	(AVG)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.821	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7336

Adjusted unit production: 1,548.26 LCY/hr
Adjusted fleet production: 1548.26 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.286/LCY

Total job time: 19.25 Hours
Total job cost: \$8,513

BULLDOZER WORK

Task description:	Sprea	d topsoil al	l areas			
: Table Mountain	Quarry	Per	mit Action:	2023 SO Update	Permit/Job#:	M1999004
PROJECT IDEN	NTIFICATIO	<u>N</u>				
Task #: 011		State:	Colorado		Abbreviation:	None
Date: 11/8/2	2023	County:	Fremont		Filename:	011
User: TC1						
Agency or	organization n	ame: DF	RMS			
HOURLY EQUI	PMENT CO	<u>ST</u>				
Basic Machine:	Cat D9T - 98	SU				
Horsepower:	405			_		
Blade Type:	Semi-Univer	sal		<u> </u>		
Attachment:	NA			<u> </u>		
Shift Basis:	1 per day			<u>—</u>		
Data Source:	(CRG)			<u>—</u> ,		
Cost Breakdown:						
-				<u>Utilization %</u>		
Ownership Cost/H			\$238.76	NA		
Operating Cost/H			\$162.29	100		
Ripper own. Cost/H			\$0.00	NA .		
Ripper op. Cost/H			\$0.00	0		
Operator Cost/H	lour:		\$41.30	NA		
MATERIAL QU Initial Volume:						
Swell factor:	1.000					
Loose volume:	79,005 LCY		_			
Source of estimated Source of estimated	swell factor:	TR-2, Ex Cat Hand		For 59 ac @ 10"		
HOURLY PROI						
Average push distart Unadjusted hourly	nce:	50 feet				
Materials consisten	production:	2,110.5 LC	Y/hr			
Materials Consisten	production:			stockpile 1.1		
Average push gradi Average site altitud	cy description: ent:10 %	Partly o		stockpile 1.1		
Average push gradi	cy description: ent:10 % e:7,130 f	Partly o		stockpile 1.1		
Average push gradi Average site altitud	cy description: ent:10 % e:	Partly of eet		stockpile 1.1		
Average push gradi Average site altitud Material weight: Weight description: Job Condition Corr	cy description: ent:10 % e:	Partly of eet bs/LCY	consolidated	Source		
Average push gradi Average site altitud Material weight: Weight description: Job Condition Corr Ope	cy description: ent:10 % e:	Partly of eet bs/LCY	consolidated	Source (AVG.)		
Average push gradi Average site altitud Material weight: Weight description: Job Condition Corr Ope Material co	cy description: ent:10 % e:	Partly of eet bs/LCY il 0.	consolidated	Source		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.1580

Adjusted unit production: 2,443.96 LCY/hr
Adjusted fleet production: 2443.96 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.181/LCY

Total job time: 32.33 Hours
Total job cost: \$14,300

TRUCK/LOADER TEAM WORK

Task description:	Haul to	psoil for all areas	8			
Site: Table Mountain	Quarry	Permit Action	on: 2023 SO Up	odate	Permit/Job#: M	1999004
PROJECT IDEN	NTIFICATION	[
Task #: 021		State: Colora	ado	Ab	breviation: No	ne
Date: 11/8/	2023	County: Fremo	ont		Filename: 021	l
User: TC1						
Agency of	r organization nar	ne: DRMS				
HOURLY EQUI	IPMENT COST	_			is: 1 per day	
-	Truck Loader Tea		Equipment Descri 730	ption		
	Truck Loader Tea		T 962H			
Supp	oort Equipment -I	oad Area: NA				
		ump Area: NA				
Road M	laintenance –Mot Wa-	or Grader: NA hter Truck: NA				
	***	iter Truck. 1471				
Cost Breakdown:	Truck/Loa	ader Team		Equipment		ce Equipment
	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	NA	NA	NA	NA
Ownership cost/hour:	\$108.06	\$46.00	NA	NA	NA	NA
Operating cost/hour:	\$71.88	\$40.72	NA	NA	NA	NA
%Utilization-riper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$32.54	\$40.71	NA	NA	NA	NA
Unit Subtotals:	\$212.48	\$127.43	NA	NA	NA	NA
Number of Units:	2	1	0	0	0	0
Group Subtotals:	Work:	\$552.39	Support:	\$0.00	Maint:	\$0.00
Total work team co	st/hour: \$552.39	<u> </u>				
MATERIAL QU	<u>JANTITIES</u>					
Initial volume		CCY		factor: 1.000		
Loose volume	e:	1 LCY				
	ource of estimated		E, Exh L, pit floor	and backfilled are	a	
Source	e of estimated swe Material Purch		Handbook			
		otal Cost: \$0.00				
			-			
HOURLY PRO	<u>DDUCTION</u>					
Truck Capacity:						
Truck Payload (we	-					
Material			Pounds/LCY			
Desc Rated P	ription: $\frac{\text{Top So}}{62,000}$		Pounds			
Payload Ca		·	Pounds LCY			
,						

<u>Truck Bed (volume) Basi</u> Struck Volume:	17.10	LCY				
Heaped Volume:	22.10	LCY				
Average Volume:	19.60	LCY				
Adjusted Volume:	22.10	LCY				
J		_				
Fi	nal Truck Volu	me Based on Number of	f Loader Passes:	18.06	LCY	
Loading Tool Capacity			.		**	
Data d Canacita	. 4.200	I CV (haanad)	Buck	et Size Class: N	NA	_
Rated Capacity Bucket Fill Factor		LCY (heaped) Other - moist lo	(100.1	10%) 1.050		_
Adjusted Capacity		LCY	Jaiii (100-1	10%) 1.030		_
ragusted Capacity						
Job Condition Correction	ons:	Si	ite Altitude (ft.): 7	130 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				
Tiet Coffeetion.						
				211.00		
Loading Tool Cycle Tin	ne: Num	ber of Loading Tool Pa	sses Required to F	Fill Truck:	1	passes
	ne: Num	ber of Loading Tool Pa	sses Required to F	Fill Truck:	4 1	passes
Loading Tool Cycle Tim Excavators and Front Sho Machine Cycle Tim	ne: Num	tion Rating: NA	sses Required to F	Fill Truck:	<u>4</u> 1	passes
Loading Tool Cycle Tin Excavators and Front Sho Machine Cycle Tim Selected Val	ne: Num ovels: ne vs. Job Condi	tion Rating: NA asic Rating: NA	sses Required to F	Fill Truck:	4 <u>1</u>	passes
Loading Tool Cycle Tin Excavators and Front Sho Machine Cycle Tim Selected Val	ne: Num ovels: ne vs. Job Condi ue within this B s – Material De	tion Rating: NA asic Rating: NA	sses Required to F	Fill Truck:	4	passes
Loading Tool Cycle Tin Excavators and Front She Machine Cycle Tim Selected Val Track Loader	ne: Num ovels: ne vs. Job Condi ue within this B s – Material De	tion Rating: NA asic Rating: NA	sses Required to F	Fill Truck:		passes
Loading Tool Cycle Tin Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mit Load: NA	ne: Num ovels: ne vs. Job Condi ue within this B rs – Material De: n.):	tion Rating: NA asic Rating: NA Scription: NA	·	Dump: 0.10	0	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mit Load: NA Wheel and Track Loade	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.):	tion Rating: NA asic Rating: NA Scription: NA	·	Dump: 0.10	0 0.500 min	
Loading Tool Cycle Tin Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs	tion Rating: NA asic Rating: NA NA scription: NA Maneuver: NA Basic Loader Cycle Tir	me (load, dump, n	Dump: 0.10 naneuver): (Factor (min.)	0 0.500 min	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Factor Materia	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs l: No adjustr	tion Rating: Asic Rating: NA Scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applica	me (load, dump, n	Dump: 0.10 naneuver): (Factor (min.) 0.000	0 0.500 min Source (Cat HB)	
Loading Tool Cycle Tin Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto	ne: Num ovels: ne vs. Job Condi ue within this B rs – Material De: n.): ers - Unadjusted rs d: No adjustr e: Conveyor	tion Rating: NA asic Rating: NA NA scription: NA Maneuver: NA Basic Loader Cycle Tir	me (load, dump, n	Dump: 0.10 naneuver): (Factor (min.)	0 0.500 min	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto Materia Stockpil Truck Ownershi Operatio	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA scription: NA Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. hig	me (load, dump, n	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000	0 Source (Cat HB) (Cat HB)	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mit Load: NA Wheel and Track Loader Cycle Time Factor Materia Stockpil Truck Ownershi	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA NA Maneuver: NA Maneuver: NA Maneuver or dozer piled 10 ft. high ownership of trucks and operation -0.04 arget 0.00	me (load, dump, multiple 0.00 loaders -0.04	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000	0 minus Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto Materia Stockpil Truck Ownershi Operatio	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. high ownership of trucks and operation -0.04 arget 0.00 Net Cycle Tinent - Samuel NA	me (load, dump, mable 0.00 ch and up 0.04 loaders -0.04 lo	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080	0	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto Materia Stockpil Truck Ownershi Operatio	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. higownership of trucks and operation -0.04 arget 0.00 Net Cycle Tin Adjusted Load	me (load, dump, multiple 0.00 loaders -0.04	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080 0.420	O.500 minutes minutes	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto Materia Stockpil Truck Ownershi Operatio	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. higownership of trucks and operation -0.04 arget 0.00 Net Cycle Tin Adjusted Load	me (load, dump, mable 0.00 ch and up 0.04 loaders -0.04 lo	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080	0	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mi Load: NA Wheel and Track Loader Cycle Time Facto Materia Stockpil Truck Ownershi Operatio	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs ll: No adjustr e: Conveyor p: Common con: Constant of	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. higownership of trucks and operation -0.04 arget 0.00 Net Cycle Tin Adjusted Load	me (load, dump, multiple 0.00 loaders -0.04	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080 0.420	O.500 minutes minutes	
Loading Tool Cycle Tim Excavators and Front She Machine Cycle Tim Selected Val Track Loader Cycle Time Elements (mit Load: NA Wheel and Track Loader Cycle Time Factor Materia Stockpil Truck Ownershit Operatior Dump Targer	ne: Num ovels: ne vs. Job Condi ue within this B s – Material Des n.): ers - Unadjusted rs d: No adjustr e: Conveyor p: Common of n: Constant of et: Nominal ta	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA Basic Loader Cycle Tinent - factor not applicator dozer piled 10 ft. higownership of trucks and operation -0.04 arget 0.00 Net Cycle Tin Adjusted Load	me (load, dump, multiple 0.00 ch and up 0.00 ch loaders -0.04 che Adjustment: er Cycle Time: che Per Truck:	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080 0.420	O.500 minutes minutes	utes
Loading Tool Cycle Time Excavators and Front She Machine Cycle Time Selected Val Track Loader Cycle Time Elements (mine) Load: NA Wheel and Track Loader Cycle Time Factor Materia Stockpill Truck Ownershi Operation Dump Targer	ne: Num ovels: ne vs. Job Condi ue within this B rs – Material Der n.): ors - Unadjusted rs nl: No adjustr e: Conveyor p: Common on constant of et: Nominal ta	tion Rating: NA asic Rating: NA NA scription: Maneuver: NA NA Basic Loader Cycle Timent - factor not applicator dozer piled 10 ft. higownership of trucks and operation -0.04 arget 0.00 Net Cycle Timent Adjusted Load Net Load Township Minutes	me (load, dump, multiple 0.00 light and up 0.00 light and up 0.04 light and up one Adjustment: er Cycle Time: light are per Truck:	Dump: 0.10 naneuver): (Factor (min.) 0.000 0.000 -0.040 -0.040 0.000 -0.080 0.420 1.360	O.500 minutes minutes	

<u>Truck Travel (Haul & Return) Time:</u> Road Condition: <u>Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0</u>

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	-5.00	3.00	-2.00	3064	0.230

Haul Time: 0.230 minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	5.00	3.00	8.00	1903	0.356

Return Time: 0.356 minutes
Total Truck Cycle Time: 3.546 minutes

Loading Tool unit

Production 552.86 LCY/Hour Adjusted for job efficiency: 458.87 LCY/Hour Truck Unit Production 305.58 LCY/Hour Adjusted for job efficiency: 253.63 LCY/Hour

Optimal No. of Trucks: 2 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 507.27 LCY/Hour Adjusted single truck/loader team production: 458.87 LCY/Hour Adjusted multiple truck/loader team production: 458.87 LCY/Hour

JOB TIME AND COST

Fleet size: 1 Team(s) Total job time: **152.79** Hours

Unit cost: \$1.204 /LCY Total job cost: **\$84,400**

REVEGETATION WORK

Та	ask description: Reve	getation					
_	Table Mountain Quarry	Permit	Action: 2023	SO Update		Permit/Job#:	M1999004
PR	OJECT IDENTIFICATIO	N					
	Task #: 040		olorado		Abb	oreviation:	None
	Date: 11/8/2023		emont		_)40
	User: TC1						
	Agency or organization r	name: DRMS					
FE	RTILIZING						
Ma	terials						
	Description		Units / Acre	Unit	Cost	/ Unit	Cost /Acre
					\$		\$
					Tota	al Fertilizer Materials Cost/Acre	\$0.00
	plication Description						Cost /Acre
							\$
			Tota	l Fertilizer A	pplication	ı Cost/Acre	\$0.00
ΓIJ	<u>LLING</u>						
	Description						Cost /Acre
	Weed control spraying (MEAN	S 31 31 16.13 3	3100)				\$338.80
				Te	otal Tilling	g Cost/Acre	\$338.80
SE	EDING						
	Seed Mix				Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
	Blue Grama - Hachita				1.00	16.32	\$15.98

Big Bluestem - Native

Little Bluestem - Cimarron

Pubescent Wheatgrass - Luna

Western Wheatgrass - Arriba

Yellow Sweet Clover - Madrid

Sideoats Grama - Vaughn

\$47.27

\$24.97

\$33.50

\$20.40

\$32.50

\$175.31

\$0.71

4.00

2.00

4.00

6.00

0.25

5.00

22.25

Totals Seed Mix

11.94

11.94

13.13

12.40

12.63

79.84

1.49

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Applica	tion Cost/Acre \$267.22

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
					\$
	\$0.00				

JOB TIME AND COST

 No. of Acres:
 59
 Cost / Acre:
 \$781.33

 Estimated Failure Rate:
 25%
 Cost / Acre*:
 \$781.33

*Selected Replanting Work Items: TILLING,SEEDING

Initial Job Cost: \$46,098.47

Reseeding Job Cost: \$11,524.62

Total Job Cost: \$57,623

Job Hours: 50.00

DEMOLITION WORK

	Task description:	Demo/Haul	Quonset Struct	ture		
Site:	Table Mountain Quarry	, 	Permit Action:	2023 SO Update	Permit/J	Job#: M1999004
PROJE	CT IDENTIFICATION	<u>1</u>				
Task #	: 050	State:	Colorado		Abbreviation:	None
Date	: 11/8/2023	County:	Fremont		Filename:	050
User	: _ TC1					
	Agency or organizat	ion name: _	DRMS			

UNIT COSTS

Location adjustment: 91.50 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Quonset Structure (intact volume)	75'L x 40'W x ~18'H	Demo. only, small or single buildings (single story) - Steel structures	41,489.00	CF	\$0.20	\$8,173.33
Loading Demo'd Quonset Structure (Operator demo'd vol.)	25 CY	Loading only, open areas (unconfined) - Track loader	25.00	CY	\$0.89	\$22.15
Haul Away Quonset Structure	25 CY (2 x 60- mile RT)	Hauling only, per mile, 12-18 CY truck - 30 mph average speed	120.00	MI	\$9.01	\$1,081.50
Demo Quonset Floor	22' x 40' x 8"	Demo. and on-site disposal in existing pit, 8 in. thick - Max. 200 ft. push	880.00	SF	\$1.67	\$1,468.02
Demo Quonset Slab	20' x 30' x 8"	Demo. and on-site disposal in existing pit, 8 in. thick - Max. 200 ft. push	600.00	SF	\$1.67	\$1,000.92
Demo Quonset Footer	16" x 16" x 211'	Demo. and on-site disposal in existing pit, 1.0 ft. x 2 ft Max. 200 ft. push	211.00	LF	\$5.00	\$1,055.95
Landfill Fee for Structure	25 CY	Dump fees - Building construction materials.	25.00	CY	\$11.10	\$277.50

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	12.00	(unadjusted):	\$13,079.37	location):	\$11,967.62

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mo	b/Demob Equip	ment		
te: Table Mountain Quarry	Permi	t Action: 2023 SC	O Update Permit/Jo	bb#: <u>M1999004</u>
PROJECT IDENTIFICATI	ON			
Task #: 060 Date: 11/8/2023 User: TC1		colorado remont	Abbreviation: Filename:	None 060
Agency or organization	n name: DRM	S		
EQUIPMENT TRANSPOR	T RIG COST			1 per day CRG Data
Truck Tractor Desc	eription: GENI		AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,
Truck Trailer Desc	eription:		G GOOSENECK, DROP DEC AILER (25T, 50T, AND 100T	•
Cost Breakdown:				
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons	
Ownership Cost/Hour:	\$20.26	\$36.04	\$47.05	
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85	
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

Helper Cost/Hour:

\$0.00

\$82.29

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D9T - 9SU	60.01	\$238.76	\$175.95	1	\$414.71	\$175.95	\$250.00
CAT 12M	16.01	\$74.98	\$82.29	1	\$157.27	\$82.29	\$250.00
Cat 623G	41.35	\$252.73	\$158.17	1	\$410.90	\$158.17	\$250.00

\$23.53

\$158.17

\$23.53

\$175.95

Subtotals: \$982.88 \$416.41 \$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Drill/Broadcast Seeder with Tractor	\$14.81	1	\$14.81	\$14.81

Subtotals: \$14.81 \$14.81

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CAÑON CITY

miles

25.00

mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
 Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$5,281.46

\$29.62

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.25	NA
Unloading Time (Hours):	0.25	NA
Subtotals:	2.50	2.00

JOB TIME AND COST

Total job cost: 5.00 Hours

Total job cost: \$5,311

DEMOLITION WORK

Demo / disposal of solar panel and ancillary equipment

Task description:

Site: Table Mo	untain Quarry	Permit Action:	2023 SO Update		Permit/Job#:N	M1999004
PROJECT IDEN	<u>TIFICATION</u>					
Task #: 070 Date: 3/29/20 User: HR1 Agei	24 (ncy or organization n	State: Colorado County: Fremont ame: DRMS			viation: None ename: M004-	-070
UNIT COSTS				Locati	ion adjustment:	<u>87.70 %</u>
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
demo / disposal of solar panel and ancillary equipment	20 tons	USER PROVIDED ITEM	1.00	Tons	\$12,156.28	\$12,156.28
Job Hours:	16.00	Subtotal (unadjusted):	\$12,156.28	(a	Total Cost adjusted for location):	\$10,661.06