COST SUMMARY WORK

ione Gravel Pit IECT IDENTIFICA ask #: 000 Date: 7/16/2021 User: DC1 Agency or organizat K LIST (DIRECT CO	TION State: County:	Colorado Las Anima	2021 Cost Esti		bbreviation:	#: M2004026
ask #: 000 Date: 7/16/2021 User: DC1 Agency or organizat	State:County:	Las Anima	S	A		
Date: 7/16/2021 User: DC1 Agency or organizat	County:	Las Anima	s	A		
	ion name: <u>DRN</u>	ΛS				M026-000
	OSTS)					
Description Revegetate 8.01 acres			Form Used REVEGE	Fleet Size	Task Hours 8.00	Cost \$13,027
Mob/Demob			MOBILIZE	1	1.88	\$1,470
			SUBTO	OTALS:	9.88	\$14,497
RECT COSTS THEAD AND PROFIT:						
Liability insurance Performance bond Job superintendent	: 1.05 : 4.94	CONTR	ACT AMOUNT		O & P =	66 450
I - FNGINFFRING - F	PROIECT MANA	GEMENT:				
Financial warranty proce Engineering work and/o	essing (legal/relate or contract/bid prep	d costs): _ paration: _	\$500 4.25 5.00	- - -	Total =	2
	CONTING	GENCY:	0.00		Total = \$0	
			TOTAL I	NDIRECT	COST = \$4,3	300
4	Profit L - ENGINEERING - F inancial warranty proce Engineering work and/o	Profit: 10.00 L - ENGINEERING - PROJECT MANA inancial warranty processing (legal/relate Engineering work and/or contract/bid prepreclamation management and/or administration.	Profit: 10.00	Profit: 10.00 CONTRACT AMOUNT L - ENGINEERING - PROJECT MANAGEMENT: inancial warranty processing (legal/related costs): \$500 Engineering work and/or contract/bid preparation: 4.25 Reclamation management and/or administration: 5.00	Profit: 10.00 TOTAL CONTRACT AMOUNT (direct + 0) L - ENGINEERING - PROJECT MANAGEMENT: inancial warranty processing (legal/related costs): \$500 Engineering work and/or contract/bid preparation: 4.25 Reclamation management and/or administration: 5.00	Profit: 10.00 Total = \$1,4 TOTAL O & P = \$2,3 CONTRACT AMOUNT (direct + O & P) = \$16 L - ENGINEERING - PROJECT MANAGEMENT: inancial warranty processing (legal/related costs): \$500 Engineering work and/or contract/bid preparation: 4.25 Reclamation management and/or administration: 5.00 Total = \$50 \$71 \$71 \$72 \$73 \$74 \$75 \$75 \$75 \$75 \$75 \$75 \$75

REVEGETATION WORK

Total Fertilizer Application Cost /Acre	Task description:	Revegetate 8.01 a	acres				
Task #:	Leone Gravel Pit	Per	mit Action: 2021	Cost Estin	nate	Permit/Job#	e: _M2004026
Date 7/16/2021 County: Las Animas Filename: M026-001	PROJECT IDENTIFIC	CATION					
Date 7/16/2021 County: Las Animas Filename: M026-001	Task #· 001	State: Colorado Abbreviation: N			None		
Description							
Description			240 1 11111140				
Description	Agency or organi	zation name: <u>DR</u>	MS				
Description	ERTILIZING						
Name	Iaterials						
Total Fertilizer Materials Cost/Acre \$0.00			Units /				
Total Fertilizer Materials Cost/Acre \$0.00	Description		Acre	Unit	Co	st / Unit	Cost /Acre
Materials So.00 South Acre South Ac					\$		\$
Materials \$0.00					m	. 1.75	
Cost/Acre \$0.00					To		
Description Cost /Acre \$							\$0.00
Cost /Acre S						CosuAcic	ψ0.00
Cost /Acre	-						\$
Cost /Acre			Total	Fertilizer	Application	on Cost/Acre	\$0.00
Chisel plowing {DMG}	<u>TLLING</u>						
Chisel plowing {DMG}	Description						Cost /Acre
Total Tilling Cost/Acre \$386.90		}					\$96.50
Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15			13 3100)				\$290.40
Seed Mix Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15				7	Fotal Tilliı	ng Cost/Acre	\$386.90
Seed Mix PLS LBS / Acre Seeds per SQ. FT Cost /Acre Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15	EEDING						
Seed Mix PLS LBS / Acre Seeds per SQ. FT Cost /Acre Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15					Rate _		
LBS / Acre per SQ. FT Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15	Seed Mix					Seeds	Cost /Acre
Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15						per SQ.	
Indian Ricegrass - Nespar 1.25 4.05 \$11.09 Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15						FT	
Blue Grama - Lovington 0.30 4.90 \$4.79 Sideoats Grama - El Reno 3.60 11.82 \$30.15	Indian Ricegrass - Nesi	oar				4.05	\$11.09
Sideoats Grama - El Reno 3.60 11.82 \$30.15							
	J						
Totals Seed Mix 11.55 36.92 \$87.64			Totale S	eed Miv	11 55	36.92	\$97.64

Cost /Acre

Application

Description

Drill Seeding (DRMS Survey Cost)	\$232.00
Total Seed Application Cost/Acr	e \$232.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$307.02	\$614.04
Total Mulch Materials Cost/Acre				\$614.04

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$71.57
Power mulcher (MEANS 32 91 13.16 0350)		\$106.29
	Total Mulch Application Cost/Acre	\$177.86

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre				\$0.00	

JOB TIME AND COST

No. of Acres:	8.01	Cost /Acre:	\$1,498.44
Estimated Failure Rate:	40%	Cost /Acre*:	\$319.64
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:

Reseeding Job Cost:

Total Job Cost:

Job Hours:

| \$12,002.50 |
| \$1,024.13 |
| \$13,027 |
| \$8.00 |

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mob/Demob				
Site: Leone Gravel Pit	Permi	t Action: 2021 C	Cost Estimate	Permit/Job#:	M2004026
PROJECT IDENTIFICA	ATION				
Task #: 002		Colorado			Vone
Date: 7/16/2021 User: DC1	County: L	as Animas	F	ilename: N	1026-002
Agency or organiza EQUIPMENT TRANSP		S	Shift b Cost Data Sou		er day G Data
Truck Tractor I	Description: GENI	ERIC ON-HIGHW	AY TRUCK TRACT 400 HP (2ND HALF		ESEL POWERED,
Truck Trailer I	Description: (NG GOOSENECK, D RAILER (25T, 50T, A	ROP DECK I	EQUIPMENT
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons		
Ownership Cost/Hou		\$37.94	\$47.67		
Operating Cost/Hou	ır: \$26.55	\$50.48	\$56.21		
Operator Cost/Hou	ır: \$20.54	\$20.54	\$20.54		

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

Helper Cost/Hour:

\$0.00

\$68.37

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/unit	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)				fleet		
Drill/Broadcast	25.00	\$7.98	\$68.37	2	\$152.70	\$136.74	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$14.98	\$68.37	1	\$83.35	\$68.37	\$250.00
(Bowie LD-90)							

\$23.53

\$132.49

\$23.53

\$147.95

Subtotals:	\$236.05	\$205.11	\$500.00	

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$85.73	1	\$85.73	\$85.73

Subtotals: \$85.73 \$85.73

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: TRINIDAD

Total one-way travel distance: 10.00 miles

Average Travel Speed: 45.00 mph

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

\$1,432.12

\$38.10

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.22	0.22
Return Time (Hours):	0.22	0.22
Loading Time (Hours):	0.25	NA
Unloading Time (Hours):	0.25	NA
Subtotals:	0.94	0.44

JOB TIME AND COST

Total job time:	1.89	Hours
Total job cost:	\$1,470	