

CINDER LAKE LANDFILL CMAR PH 2 CELL D

Project No. 22-002570

April 27th, 2023

Submitted by: Rummel Construction, Inc.

Rummel Construction Inc., serving as the Construction Manager at Risk, is providing GMP#1 for the Cinder Lake Landfill CMAR Phase II Cell D project. The scope of work for GMP#1 entails the excavation necessary to complete the phase II Cell D excavation (approximately 1/3 of overall footprint.) The excavated material will be used to construct minor fills and the balance will be stockpiled in Area E. Additionally, the GMP covers the cost to crush part of the excavated material to a 1" minus for the cushion layer needed under a future liner system as well as placing part of that cushion layer. Finally, the scope includes installing four (4) culverts in the haul road leading to area A.



GMP COST MODEL

Rummel Construction, Inc.
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Client Name: City of Flagstaff	Project Name: Cinder Lake Landfill CMAR Ph 2 Cell D
Project Location: Cinder Lake Landfill	Project Type (CMAR, JOC, Negotiated) : CMAR
Client Project #: 22-002570	Rummel Project #:
Date: 4.27.2023	Revision:

A. DIRECT COSTS			
A.1 Self-perform (labor, equipment & materials)		\$	2,265,915.00
A.2 Sub-consultant / sub-contractor		\$	355,500.00
A.3 Total Direct Costs		\$	2,621,415.00
B. ALLOWANCES & CONTINGENCIES			
B.1 Allowances		\$	-
B.2 Contingencies		\$	40,000.00
B.3 Total Allowances & Contingencies		\$	40,000.00
C. GENERAL CONDITIONS			
C.1 Project-specific general conditions		\$	685,123.00
C.2 Total General Conditions		\$	685,123.00
Subtotal 1 (Cost of Work)		\$	3,346,538.00
D. CONSTRUCTION FEE			
D.1 Overhead and off-site general administrative costs (on subtotal 1)	9.22%	\$	308,550.80
D.2 Profit (on subtotal 1)	5.78%	\$	193,429.90
D.2 Total Construction Fee		\$	501,980.70
Subtotal 2 (Construction Fee)		\$	501,980.70
E. INSURANCE & BONDS			
E.1 Insurance			Included in D1
E.2 Builder's risk policy			Excluded
E.3 Performance and payment bond		\$	21,500.00
D.4 Total Bonds and Insurance		\$	21,500.00
F. TAX			
F.1 Construction Transaction Privilege Tax (65% of applicable rate)	4.485%	\$	173,570.34
F.2 Total Tax:		\$	173,570.34
Subtotal 3 (Bonds, Insurance and Taxes)		\$	195,070.34
G. TOTAL PRICE WITHOUT OWNER CONTINGENCY (Subtotal 1, 2 & 3)		\$	4,043,589.04
Owner Contingency *	7.66%	\$	256,410.96
Total Price With Owner Contingency		\$	4,300,000.00

* Owner contingency is a below the line item based on a percentage of direct costs and is intended exclusively for owner / engineer directed changes. This contingency shall be set per the direction of the owner.

GMP DIRECT COSTS

Item	Description of Cost	QTY	UOM	Unit Cost *	Direct Cost
1	MOBILIZATION/DEMOBILIZATION	1	LS	188,580.00	\$ 188,580.00
2	SURVEY	1	LS	20,000.00	\$ 20,000.00
3	AZPDES	1	LS	17,884.00	\$ 17,884.00
4	PREP AREA D & E	1	LS	25,805.00	\$ 25,805.00
5	EXCAVATION RIPPABLE	396,000	CY	4.86	\$ 1,926,091.00
6	ENGINEERED FILL	4,520	CY	2.05	\$ 9,253.00
7	CRUSHING CUSHION LAYER	26,840	CY	12.50	\$ 335,500.00
8	PLACING CUSHION LAYER	5,600	CY	4.63	\$ 25,927.00
9	24" CONCRETE PIPE W/O HEADWALLS	542	LF	133.53	\$ 72,375.00

\$ 2,621,415.00

SUBCONSULTANT/SUBCONTRACTOR

\$ 355,500.00

SELF-PERFORM

\$ 2,265,915.00

* Unit Cost is calculated from Direct Cost from Cost Report/QTY

GMP GENERAL CONDITIONS

Description of Cost	QTY	UOM	Unit Cost	Direct Cost
PROJECT SUPERVISION	5	MO	38,305.00	\$ 191,525.00
TRAVEL TIME	1	LS	11,273.00	\$ 11,273.00
MECHANIC LODGING	5	MO	8,100.00	\$ 40,500.00
SAFETY/J-JOHNS/LATHE/ETC.	5	MO	9,378.00	\$ 46,890.00
FUEL STORAGE CONTAINMENT	2	EA	1,859.50	\$ 3,719.00
CONSTRUCTION WATER (BUY & HAUL)	10,080	MG	35.45	\$ 357,302.00
KLEIN TANK/HURRICANE PUMP/CONTAINERS	5	MO	3,142.80	\$ 15,714.00
POTHOLE ALLOWANCE	1	DY	2,000.00	\$ 2,000.00
GPS EQUIPMENT	5	MO	3,240.00	\$ 16,200.00
				\$ 685,123.00

GMP CONTINGENCIES
CONTRACTOR CONTINGENCIES

Description of Cost	QTY	UOM	Unit Cost	Direct Cost
TOPO/PLAN DISCREPANCY	1	LS	40,000.00	\$ 40,000.00
				\$ 40,000.00

OWNER CONTINGENCIES

Description of Cost	QTY	UOM	Unit Cost	Direct Cost
FUEL ESCALATION	1	LS	66,410.96	\$ 66,410.96
DRILL & BLAST	28,000	CY	5.00	\$ 140,000.00
HEADWALLS FOR CULVERTS	1	LS	50,000.00	\$ 50,000.00
				\$ 256,410.96

Direct Cost Report

Activity Resource	Desc	Pcs	Quantity	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 100											
Description = GENERAL CONDITIONS				Land Item Unit =	SCHEDULE: 1 100						
					LS	Takeoff Quan:		1.000	Engr Quan:		1.000
140-00	Project Supervision		Quan: 105.00 S		Hrs/Shft: 8.00	Cal: 508	WC: NOUSE				
**Unreviewed											
<u>LA-SUP</u>	(Mod) Project Supervision		840.00	CH	Prod: 105.0000 S	Lab Pcs:	2.50	Eqp Pcs:	2.50		
8TKPUPE	Project Engineer Picku	1.00	840.00	HR	14.500			12,180			12,180
8TKPUPM	Project Manager Pickup	0.50	420.00	HR	14.500			6,090			6,090
8TKPUS	Superintendent Pickup	1.00	840.00	HR	14.500			12,180			12,180
ZE10	Project Engineer	1.00	840.00	MH	69.348	58,253					58,253
ZPM1	Project Manager	0.50	420.00	MH	90.404	37,970					37,970
ZS01	Superintendent	1.00	840.00	MH	77.205	64,852					64,852
\$191,524.85	20.0000 MH/S		2,100.00	MH	[922]	161,075		30,450			191,525
116-00	Travel Time (Initial/Return)		Quan: 128.00 TRP		Hrs/Shft: 8.00	Cal: 508	WC: NOUSE				
**Unreviewed											
----- Travel Time Calc 116-00 -----											
Labor	Description		Time for Travel (1 way)		Qty Needed	Trips EA (min 2)					
LACMN	Laborer, Common		3.00		7	2			14		
LAFM	Laborer, Foreman		3.00		2	2			4		
LAGCK	Laborer, Grade Checker		3.00		3	2			6		
LAMIN	Laborer, Minimum Wage		3.00		0	2			0		
MECH	Mechanic		3.00		4	2			8		
MECHHELP	Mechanic Helper		3.00		4	2			8		
OPBKH	Operator, Backhoe		3.00		0	2			0		
OPBLD	Operator, Finish Motorgrader		3.00		2	2			4		
OPDZR	Operator, Dozer		3.00		4	2			8		
----- End Calculation -----											
LAMIN	==> Laborer, Minimum Wa	1.00	384.00	MH	29.356	11,273					11,273
\$11,273.02	3.0000 MH/TRP		384.00	MH	[41.55]	11,273					11,273
115-00	Mechanic Lodging		Quan: 81.00 S		Hrs/Shft: 8.00	Cal: 508	WC: NOUSE				
**Unreviewed											
Images/Docs Attached											
<u>LA-MEL</u>	(Mod) Mechanic Lodging		648.00	CH	Prod: 8.0000 HU	Lab Pcs:	5.00	Eqp Pcs:	0.00		
AMECHHLD	Mechanic Helper Lodging	2.00	1,296.00	MH	12.500	16,200					16,200
AMECHLD	Mechanic Lodging	2.00	1,296.00	MH	12.500	16,200					16,200
AMECHSLD	Mechanic Super Lodging	1.00	648.00	MH	12.500	8,100					8,100
\$40,500.00	40.0000 MH/S		3,240.00	MH	[]	40,500					40,500
130-00	Safety and Supplies (J-Johns, Lathe, Etc		Quan: 1.00 LS		Hrs/Shft: 8.00	Cal: 508	WC: NOUSE				
**Unreviewed											
Rate updated 2/24/2021 Based on 2020 regular projects.											
6*TLB	Misc Supplies / Wireless JC	1.00	901,732.60	TLB\$	0.052			46,890			46,890
155-01	Fuel Storage Containment		Quan: 2.00 EA		Hrs/Shft: 8.00	Cal: 508	WC: NOUSE				
**Unreviewed											
<u>ECFCLN</u>	Fuel Containment Liner		4.00	CH	Prod: 2.0000 HU	Lab Pcs:	5.00	Eqp Pcs:	1.00		
3PFCLNR	Fuel Containment Liner	1.00	4,200.00	SF	0.650	2,730					2,730
8LDGT	JD210 / Case 570 Ganno	1.00	4.00	HR	37.750			151			151
LACMN	Laborer, Common	4.00	16.00	MH	40.493	648					648
OPGEN	Operator, General	1.00	4.00	MH	47.492	190					190
\$3,718.86	10.0000 MH/EA		20.00	MH	[241.5]	838		2,730	151		3,719
196-00A	Construction Water - Purchase & Delivery		Quan: 10,080.00 MG		Hrs/Shft: 10.00	Cal: 510	WC: NOUSE				
**Unreviewed											
<u>ECDC4K</u>	(Mod) Site Dust Control - 4K		840.00	CH	Prod: 12.0000 UH	Lab Pcs:	3.00	Eqp Pcs:	4.00		
3WTRDONEY	Doney Park Water	1.00	10,080.00	MG	9.700	97,776					97,776
8WTK4	4,000 gal Water Truck	3.00	2,520.00	HR	53.500			134,820			134,820
8YKLEIN	Klein Water Tower	1.00	840.00	HR	6.000			5,040			5,040

Direct Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 100										
Description =	GENERAL CONDITIONS		Land Item Unit =	SCHEDULE: 1 100	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
OPWT	Operator, Water Truck	3.00	2,520.00 MH	47.486	119,666					119,666
\$357,302.43	0.2500 MH/MG		2,520.00 MH	[7.7]	119,666		97,776	139,860		357,302
150-00	Klein Tank/Hurricane Pump/Storage Contai		Quan:	81.00 S	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE		
<u>MIKLEI</u>	(Mod) Klein Tank / Conex		648.00 CH	Prod:	81.0000 S	Lab Pcs:	0.00	Eqp Pcs:	6.00	**Unreviewed
8YHURR	12" Hurricane Water Pu	1.00	648.00 HR	17.250			11,178		11,178	
8YKLEIN	Klein Water Tower	1.00	648.00 HR	6.000			3,888		3,888	
8YSC	Storage Containers	4.00	2,592.00 HR	0.250			648		648	
\$15,714.00				[]			15,714		15,714	
970-61	Pothole Exploration		Quan:	1.00 S	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE		
7POTHOLE	Softdig Services	1.00	8.00 HR	250.000			2,000		2,000	**Unreviewed
205-10	GPS Equipment		Quan:	81.00 S	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE		
excavation duration + finish grade = total shifts										
<u>MIGPS</u>	(Mod) GPS Equipmnet		648.00 CH	Prod:	81.0000 S	Lab Pcs:	0.00	Eqp Pcs:	4.00	**Unreviewed
8SRVYBS	GPS Base Station	1.00	648.00 HR	4.000			2,592		2,592	
8SRVYMC	GPS Machine Control	2.00	1,296.00 HR	8.500			11,016		11,016	
8SRVYRV	GPS Rover	1.00	648.00 HR	4.000			2,592		2,592	
\$16,200.00				[]			16,200		16,200	
=====> Item Totals: 100 - GENERAL CONDITIONS										
\$685,123.26	8,264.0000 MH/LS		8,264.00 MH	[180227.4]	333,352		149,396	202,375		685,123
685,123.260	1 LS				333,352.16		149,396.10	202,375.00		685,123.26

PARENT ITEM = 200 CLIENT# = 1
 Description = MOBILIZATION Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

----- Mobilization Load Calculator -----

Legal Mobilization Equipment	Qty	Trips	Total
Backhoes	0	1	0
D6 Dozer	0	1	0
308 Excavator	0	1	0
320 Excavator	0	1	0
950 Loader	0	1	0
966 Loader	1	1	1
Gannon Tractors	0	1	0
14 Motorgrader	1	1	1
140 Motorgrader	0	1	0
16 Motorgrader	0	1	0
160 Motorgrader	0	1	0
613 Scraper	0	1	0
Ag Tractor	0	1	0
Implements - Bee Gee, Discs	0	1	0
5K Waterpull	0	1	0
Water Truck - 2K	0	1	0
Water Truck - 4K	4	1	4
Hurricane Pumps	1	1	1
Klein Tank	1	1	1
Connex Boxes	4	1	4
HDPE Pipe	0	1	0
Attachments (from Heavy)	0	1	0
Misc.	6	1	6

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
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PARENT ITEM = 200 CLIENT# = 1
 Description = MOBILIZATION Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

Total Legal Loads 18

Oversize Mobilization			
Equipment	Qty	Trips	Total
D8 Dozer	0	1	0
623 Scraper	0	1	0
627 Scraper	0	1	0
8K Waterpull	1	1	1
336 Excavator	1	1	1
740 / 475 Articulated Truck	8	1	8
Crusher	0	1	0
815 Compactor	0	1	0

Total Oversize Loads 10

Oversize Heavy Mobilization			
Equipment	Qty	Number of one way trips	Total
D10 Dozer	0	1	0
D9 Dozer	3	1	3
657 Scraper	0	1	0
637 Scraper	0	1	0
631 Scraper	0	1	0
988 Loader	0	1	0
349 Excavator	1	1	1
374 Excavator	2	1	2
773 Rigid Frame Truck	0	1	0

Total Oversize Heavy Loads 6

Total Equipment Prep Hours 3
 Total Equipment Prep Cost \$592
 ----- End Assembly -----

Listing of Sub-Biditems of Parent Item 200:

BID ITEM = 220 Land Item SCHEDULE: 1 100
 Description = MOBILIZATION 2023 Unit = LS Takeoff Quan: 1.000 Engr Quan: 0.000

190-10-02 Mobilization - Legal Move **Quan: 18.00** **LDS Hrs/Shft: 8.00** **Cal: 508** **WC: NOUSE**

**Unreviewed										
<u>MOBRUM</u>	Mobilization Rumco		126.00	CH	Prod:	7.0000 HU	Lab Pcs:	1.00	Eqp Pcs:	1.00
6MBRUM	RUMCO Mob Outside Esc	1.00	18.00	EA	25.000		450			450
8LBLB	Truck and Trailer	1.00	126.00	HR	84.150			10,603		10,603
DRTP	Driver, Transport Low Boy	1.00	126.00	MH	50.838	6,406				6,406
\$17,458.57	7.0000 MH/LDS		126.00	MH	[220.5]	6,406	450	10,603		17,459

190-10-03 Mobilization - Oversize Move **Quan: 10.00** **LDS Hrs/Shft: 8.00** **Cal: 508** **WC: NOUSE**

**Unreviewed										
<u>MOBLGL</u>	Mobilization Legal		70.00	CH	Prod:	7.0000 HU	Lab Pcs:	1.00	Eqp Pcs:	2.00
6MBLGL	Legal Mob Outside Esc	1.00	10.00	EA	74.000		740			740
8LBJEEP	Jeep Trailer	1.00	70.00	HR	15.000			1,050		1,050
8LBLB	Truck and Trailer	1.00	70.00	HR	84.150			5,891		5,891
DRTP	Driver, Transport Low Boy	1.00	70.00	MH	50.838	3,559				3,559
\$11,239.21	7.0000 MH/LDS		70.00	MH	[220.5]	3,559	740	6,941		11,239

190-10-04 Mobilization - Oversize-Heavy Move **Quan: 6.00** **LDS Hrs/Shft: 8.00** **Cal: 508** **WC: NOUSE**

**Unreviewed										
<u>MOBOVS</u>	Mobilization Oversize		48.00	CH	Prod:	8.0000 HU	Lab Pcs:	3.00	Eqp Pcs:	5.00
6MBOVR	Oversize Mob Outside Esc	1.00	6.00	EA	100.000		600			600

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Material	Equip Matl/Exp	Sub-Contract	Total
BID ITEM = 220									
Description =	MOBILIZATION 2023								
				Land Item Unit =	SCHEDULE: 1	100			
					LS	Takeoff	Quan: 1.000	Engr Quan:	0.000
8LBBOOS	Booster Trailer	1.00	48.00 HR	15.000			720		720
8LBJEEP	Jeep Trailer	1.00	48.00 HR	15.000			720		720
8LBLB	Truck and Trailer	1.00	48.00 HR	84.150			4,039		4,039
8LBPILOT	Lowbed Pilot Car	2.00	96.00 HR	14.490			1,391		1,391
DRPI	Driver, Pilot Car	2.00	96.00 MH	41.710	4,004				4,004
DRTP	Driver, Transport Low Boy	1.00	48.00 MH	50.838	2,440				2,440
\$13,914.70	24.0000 MH/LDS		144.00 MH	[636]	6,444		600	6,870	13,915
190-10-07 Mobilization Equipment Setup/Takedown									
				Quan:	3.00 H	Hrs/Shft:	10.00	Cal: 510	WC: NOUSE
**Unreviewed									
<u>MECH</u>	Mech Transport Break			3.00 CH	Prod:	1.0000 HU	Lab Pcs:	3.00	Eqp Pcs: 2.00
8LD980	Cat 980 Wheel Loader (	1.00	3.00 HR	155.890			468		468
8ZMECHTRK	Mechanics Truck	1.00	3.00 HR	22.756			68		68
MECH	Mechanic	1.00	3.00 MH	52.843	159				159
MECHHELP	Mechanic Helper	1.00	3.00 MH	40.793	122				122
OPLDR	Operator, Loader	1.00	3.00 MH	50.833	153				153
\$969.34	3.0000 MH/H		9.00 MH	[94.05]	433		536		969
970-20 MOBILIZATION-Drill&Blast									
				Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NOUSE
**Unreviewed									
4D&S	Drill and Shoot Sub	1.00	1.00 LS	15,000.000				15,000	15,000
=====> Item Totals: 220 - MOBILIZATION 2023									
\$58,581.82	349.0000 MH/LS		349.00 MH	[10272.15]	16,842		1,790	24,950	15,000 58,582
58,581.820	1 LS				16,842.25		1,790.00	24,949.57	15,000.00 58,581.82

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Material	Equip Matl/Exp	Sub-Contract	Total
BID ITEM = 240									
Description =	DEMOBILIZATION 2023								
				Land Item Unit =	SCHEDULE: 1	100			
					LS	Takeoff	Quan: 1.000	Engr Quan:	0.000
190-10-02 Mobilization - Legal Move									
				Quan:	18.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE
**Unreviewed									
<u>MOBRUM</u>	Mobilization Rumco			126.00 CH	Prod:	7.0000 HU	Lab Pcs:	1.00	Eqp Pcs: 1.00
6MBRUM	RUMCO Mob Outside Esc	1.00	18.00 EA	25.000			450		450
8LBLB	Truck and Trailer	1.00	126.00 HR	84.150			10,603		10,603
DRTP	Driver, Transport Low Boy	1.00	126.00 MH	50.838	6,406				6,406
\$17,458.57	7.0000 MH/LDS		126.00 MH	[220.5]	6,406		450	10,603	17,459
190-10-03 Mobilization - Oversize Move									
				Quan:	10.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE
**Unreviewed									
<u>MOBLGL</u>	Mobilization Legal			70.00 CH	Prod:	7.0000 HU	Lab Pcs:	1.00	Eqp Pcs: 2.00
6MBLGL	Legal Mob Outside Esc	1.00	10.00 EA	74.000			740		740
8LBJEEP	Jeep Trailer	1.00	70.00 HR	15.000			1,050		1,050
8LBLB	Truck and Trailer	1.00	70.00 HR	84.150			5,891		5,891
DRTP	Driver, Transport Low Boy	1.00	70.00 MH	50.838	3,559				3,559
\$11,239.21	7.0000 MH/LDS		70.00 MH	[220.5]	3,559		740	6,941	11,239
190-10-04 Mobilization - Oversize-Heavy Move									
				Quan:	6.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE
**Unreviewed									
<u>MOBOVS</u>	Mobilization Oversize			48.00 CH	Prod:	8.0000 HU	Lab Pcs:	3.00	Eqp Pcs: 5.00
6MBOVR	Oversize Mob Outside Esc	1.00	6.00 EA	100.000			600		600
8LBBOOS	Booster Trailer	1.00	48.00 HR	15.000			720		720
8LBJEEP	Jeep Trailer	1.00	48.00 HR	15.000			720		720
8LBLB	Truck and Trailer	1.00	48.00 HR	84.150			4,039		4,039
8LBPILOT	Lowbed Pilot Car	2.00	96.00 HR	14.490			1,391		1,391
DRPI	Driver, Pilot Car	2.00	96.00 MH	41.710	4,004				4,004
DRTP	Driver, Transport Low Boy	1.00	48.00 MH	50.838	2,440				2,440

Direct Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 240										
Description =	DEMOBILIZATION 2023			Land Item Unit =	SCHEDULE: 1 100					
\$13,914.70	24.0000 MH/LDS		144.00 MH	[636]	6,444		1.000	600	6,870	13,915
190-10-07	Mobilization Equipment Setup/Takedown			Quan:	3.00 H	Hrs/Shft:	10.00	Cal: 510	WC: NOUSE	
<u>MECH</u>	Mech Transport Break		3.00 CH	Prod:	1.0000 HU	Lab Pcs:	3.00	Eqp Pcs:		**Unreviewed
8LD980	Cat 980 Wheel Loader (	1.00	3.00 HR	155.890		468				2.00
8ZMECHTRK	Mechanics Truck	1.00	3.00 HR	22.756		68				468
MECH	Mechanic	1.00	3.00 MH	52.843	159					68
MECHHELP	Mechanic Helper	1.00	3.00 MH	40.793	122					159
OPLDR	Operator, Loader	1.00	3.00 MH	50.833	153					122
\$969.34	3.0000 MH/H		9.00 MH	[94.05]	433			536		153
=====> Item Totals: 240 - DEMOBILIZATION 2023										
\$43,581.82	349.0000 MH/LS		349.00 MH	[10272.15]	16,842		1,790	24,950		43,582
43,581.820	1 LS				16,842.25		1,790.00	24,949.57		43,581.82

BID ITEM = 260										
Description =	MOBILIZATION 2024			Land Item Unit =	SCHEDULE: 1 100					
					LS	Takeoff	Quan:	1.000	Engr	Quan:
										0.000
190-10-02	Mobilization - Legal Move			Quan:	16.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE	
<u>MOBRUM</u>	Mobilization Rumco		80.00 CH	Prod:	5.0000 HU	Lab Pcs:	1.00	Eqp Pcs:		**Unreviewed
6MBRUM	RUMCO Mob Outside Esc	1.00	16.00 EA	25.000		400				1.00
8LBLB	Truck and Trailer	1.00	80.00 HR	84.150			6,732			400
DRTP	Driver, Transport Low Boy	1.00	80.00 MH	50.838	4,067					6,732
\$11,199.09	5.0000 MH/LDS		80.00 MH	[157.5]	4,067		400	6,732		4,067
190-10-03	Mobilization - Oversize Move			Quan:	4.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE	
<u>MOBLGL</u>	Mobilization Legal		20.00 CH	Prod:	5.0000 HU	Lab Pcs:	1.00	Eqp Pcs:		**Unreviewed
6MBLGL	Legal Mob Outside Esc	1.00	4.00 EA	74.000		296				2.00
8LBJEEP	Jeep Trailer	1.00	20.00 HR	15.000			300			296
8LBLB	Truck and Trailer	1.00	20.00 HR	84.150			1,683			300
DRTP	Driver, Transport Low Boy	1.00	20.00 MH	50.838	1,017					1,683
\$3,295.77	5.0000 MH/LDS		20.00 MH	[157.5]	1,017		296	1,983		1,017

190-10-04	Mobilization - Oversize-Heavy Move			Quan:	1.00 LDS	Hrs/Shft:	8.00	Cal: 508	WC: NOUSE	
<u>MOBOVS</u>	Mobilization Oversize		6.00 CH	Prod:	6.0000 HU	Lab Pcs:	3.00	Eqp Pcs:		**Unreviewed
6MBOVR	Oversize Mob Outside Esc	1.00	1.00 EA	100.000		100				5.00
8LBBOOS	Booster Trailer	1.00	6.00 HR	15.000			90			100
8LBJEEP	Jeep Trailer	1.00	6.00 HR	15.000			90			90
8LBLB	Truck and Trailer	1.00	6.00 HR	84.150			505			90
8LBPILOT	Lowbed Pilot Car	2.00	12.00 HR	14.490			174			505
DRPI	Driver, Pilot Car	2.00	12.00 MH	41.710	501					174
DRTP	Driver, Transport Low Boy	1.00	6.00 MH	50.838	305					501
\$1,764.33	18.0000 MH/LDS		18.00 MH	[477]	806		100	859		305

190-10-07	Mobilization Equipment Setup/Takedown			Quan:	1.00 H	Hrs/Shft:	10.00	Cal: 510	WC: NOUSE	
<u>MECH</u>	Mech Transport Break		1.00 CH	Prod:	1.0000 HU	Lab Pcs:	3.00	Eqp Pcs:		**Unreviewed
8LD980	Cat 980 Wheel Loader (	1.00	1.00 HR	155.890		156				2.00
8ZMECHTRK	Mechanics Truck	1.00	1.00 HR	22.760		23				156
MECH	Mechanic	1.00	1.00 MH	52.840	53					23
MECHHELP	Mechanic Helper	1.00	1.00 MH	40.790	41					53
OPLDR	Operator, Loader	1.00	1.00 MH	50.830	51					41

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 260									
Description =	MOBILIZATION 2024		Land Item Unit =	SCHEDULE: 1 100					
\$323.10	3.0000 MH/H	3.00 MH		[94.05]	144		179		323
930-30 Purchase & Place GCL Storage Cover									
Quan: 9,000.00 SF Hrs/Shft: 10.00 Cal: 510 WC: NOUSE									
**Unreviewed									
<u>ECBALE</u>	(Mod) SWPPP Straw Bale Placement	10.00	CH	Prod: 900.0000 UH		Lab Pcs: 7.00	Eqp Pcs: 2.00		2.00
2ESBG	Sand Bags	1.00	100.00 EA	1.250		125			125
3PLASTIC	Plastic Cover	1.00	9,000.00 SF	0.250		2,250			2,250
8LDGT	JD210 / Case 570 Ganno	1.00	10.00 HR	37.750			378		378
8TLFB	Trailer, Flat Bed	1.00	10.00 HR	10.000			100		100
LACMN	Laborer, Common	6.00	60.00 MH	40.792	2,448				2,448
OPGEN	Operator, General	1.00	10.00 MH	48.491	485				485
\$5,784.97	0.0077 MH/SF	70.00 MH		[0.204]	2,932	125	2,250	478	5,785
930-40 Unload Liner Components									
Quan: 2.00 WEE Hrs/Shft: 10.00 Cal: 510 WC: NOUSE									
**Unreviewed									
2 forklifts to provide 2 weeks of rental									
<u>LA-PLY</u>	(Mod) Place Plywood at Term Berm	100.00	CH	Prod: 50.0000 HU		Lab Pcs: 4.00	Eqp Pcs: 2.00		2.00
8ZRFL	Reach Fork 12,000# 55'	2.00	200.00 HR	34.810			6,962		6,962
LACMN	Laborer, Common	3.00	300.00 MH	40.792	12,238				12,238
OPGEN	Operator, General	1.00	100.00 MH	48.490	4,849				4,849
\$24,048.87	200.0000 MH/WEEK	400.00 MH		[5376.25]	17,087		6,962		24,049
930-99 Interface Friction Testing									
Quan: 1.00 LS Hrs/Shft: 10.00 Cal: 510 WC: NOUSE									
**Unreviewed									
2TEST	interface testing	1.00	1.00 LS	10,000.000		10,000			10,000
970-19 MOBILIZATION-CRUSHING									
Quan: 1.00 LS Hrs/Shft: 10.00 Cal: 510 WC: NOUSE									
**Unreviewed									
4CRS	Rock Crushing Sub	1.00	1.00 LS	30,000.000			30,000		30,000
====> Item Totals: 260 - MOBILIZATION 2024									
\$86,416.13	591.0000 MH/LS	591.00 MH		[16307.8]	26,053	10,125	3,046	17,192	30,000
86,416.130	1 LS				26,053.21	10,125.00	3,046.00	17,191.92	30,000.00
86,416.13									
Total of Above Sub-Biditems									
====> Item Totals: 200 - MOBILIZATION									
\$188,579.77	1,289.0000 MH/LS	1,289.00 MH		[36852.1]	59,738	10,125	6,626	67,091	45,000
188,579.770	1 LS				59,737.71	10,125.00	6,626.00	67,091.06	45,000.00
188,579.77									
BID ITEM = 300 CLIENT# = 2									
Description =	SURVEY		Land Item Unit =	SCHEDULE: 1 100					
				LS	Takeoff Quan:	1.000	Engr Quan:	1.000	
107-03 Survey Crew Hourly									
Quan: 50.00 HR Hrs/Shft: 10.00 Cal: 510 WC: NOUSE									
**Unreviewed									
Initial topo and slope stake.									
7SURVEY	Survey Sub	1.00	100.00 HR	200.000		20,000			20,000
====> Item Totals: 300 - SURVEY									
\$20,000.00				[]		20,000			20,000
20,000.000	1 LS					20,000.00			20,000.00
20,000.00									

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Matl/Exp	Equip Ment	Sub-Contract	Total	
BID ITEM = 400										
Description = AZPDES		CLIENT# = 3	Land Item	SCHEDULE: 1	100					
			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000	
810-02	Silt Fence			Quan: 2,000.00 LF	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE			
<u>ECBALE</u>	SWPPP Straw Bale Placement	30.00	CH	Prod: 66.6667 UH	Lab Pcs:	3.00	Eqp Pcs:	2.00	**Unreviewed	
2ESF01	Std. Silt Fence W/stakes	1.00	2,000.00 LF	1.100	2,200			2,200		
8LDGT	JD210 / Case 570 Ganno	1.00	30.00 HR	37.750		1,133		1,133		
8TLFB	Trailer, Flat Bed	1.00	30.00 HR	10.000			300	300		
LACMN	Laborer, Common	2.00	60.00 MH	40.792	2,448			2,448		
OPGEN	Operator, General	1.00	30.00 MH	48.490	1,455			1,455		
\$7,534.78	0.0450 MH/LF		90.00 MH	[1.233]	3,902	2,200	1,433	7,535		
810-12	SWPPP Plans			Quan: 1.00 LS	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE			
8TKPUPE	==> Project Engineer Picku	1.00	40.00 HR	14.500			580	580	**Unreviewed	
ZE10	==> Project Engineer	1.00	40.00 MH	55.478	2,219			2,219		
\$2,799.14	40.0000 MH/LS		40.00 MH	[1288]	2,219		580	2,799		
810-13	SWPPP Permits			Quan: 1.00 LS	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE			
6NOICG	Construction General - NOI	1.00	1.00 EA	4,050.000		4,050		4,050	**Unreviewed	
810-16	SWPPP Inspections Etc.			Quan: 7.00 MOS	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE			
4SWPPP	SWPPP Inspections	1.00	7.00 MO	500.000			3,500	3,500	**Unreviewed	
=====>	Item Totals: 400 - AZPDES									
\$17,883.92	130.0000 MH/LS		130.00 MH	[3754.75]	6,121	2,200	4,050	2,013	3,500	17,884
17,883.920	1 LS				6,121.42	2,200.00	4,050.00	2,012.50	3,500.00	17,883.92

BID ITEM = 500									
Description = PREP AREA D & E		CLIENT# = 4	Land Item	SCHEDULE: 1	100				
			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
203-01-03	Excavation Dozer D9			Quan: 5.00 S	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE		
<u>EXDRIP</u>	(Mod) Hard Dig Ripping	50.00	CH	Prod: 1.0000 SU	Lab Pcs:	2.00	Eqp Pcs:	2.00	**Unreviewed
8DZ09RIP	Cat D9T Dozer (405 hp)	1.00	50.00 HR	293.750		14,688		14,688	
8WP08K	8000 GAL WATER PULL	1.00	50.00 HR	119.000		5,950		5,950	
OPDZR	Operator, Dozer	1.00	50.00 MH	53.846	2,692			2,692	
OPWP	Operator, Waterpull	1.00	50.00 MH	49.494	2,475			2,475	
\$25,804.54	20.0000 MH/S		100.00 MH	[684.75]	5,167		20,638	25,805	
=====>	Item Totals: 500 - PREP AREA D & E								
\$25,804.54	100.0000 MH/LS		100.00 MH	[3423.75]	5,167		20,638	25,805	
25,804.540	1 LS				5,167.04		20,637.50	25,804.54	

BID ITEM = 600									
Description = EXCAVATION RIPPABLE		CLIENT# = 5	Land Item	SCHEDULE: 1	100				
			Unit =	CY	Takeoff Quan:	396,000.000	Engr Quan:	396,000.000	
203-02-41A	Excavation Excavator 374 - AT			Quan: 396,000.00 CY	Hrs/Shft: 10.00	Cal: 510	WC: NOUSE		
									**Unreviewed

fpc 9.75 min
 50/9.75 = 5.1 rounds per hour
 5.1*4*18 = 367 cy per hour (rated at 18 for swell)

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Material	Equip Matl/Exp	Sub-Contract	Total
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BID ITEM = 600 CLIENT# = 5 Land Item SCHEDULE: 1 100
 Description = EXCAVATION RIPPABLE Unit = CY Takeoff Quan: 396,000.000 Engr Quan: 396,000.000

5.1 x 4 = 20.4 loads per hour
 fpc on excavator is 2.15 min with exchange
 50 / 2.15 = 23 loads per hour

<u>EXA374</u>	(Mod) Excavation 374 / 40 Ton AT	540.00	CH	Prod: 733.3333 UH	Lab Pcs:	16.50	Eqp Pcs:	16.50	
8DZ09	Cat D9T Dozer (405 hp)	1.00	540.00 HR	218.750			118,125		118,125
8DZ09RIP	Cat D9T Dozer (405 hp)	2.00	1,080.00 HR	293.750			317,250		317,250
8EX349H	Cat 349 Exc w/ 12,000#	0.50	270.00 HR	287.500			77,625		77,625
8EX374	Cat 374 Excavator (157	2.00	1,080.00 HR	178.500			192,780		192,780
8MG150	Cat 150 Motorgrader (I	1.00	540.00 HR	94.875			51,233		51,233
8RTK040	Deere (46) Articulated	4.00	2,160.00 HR	133.750			288,900		288,900
8RTK040RE	Cat 745 (45) Articulat	4.00	2,160.00 HR	159.991			345,582		345,582
8WP08K	8000 GAL WATER PULL	1.00	540.00 HR	119.000			64,260		64,260
8YGATOR	UTV Gator / Kubota	1.00	540.00 HR	6.130			3,310		3,310
LAGCK	Laborer, Grade Checker	1.00	540.00 MH	51.837	27,992				27,992
OPBLD	Operator, Finish Motorgrad	1.00	540.00 MH	59.536	32,149				32,149
OPDZR	Operator, Dozer	3.00	1,620.00 MH	53.846	87,231				87,231
OPEXC	Operator, Excavator	2.50	1,350.00 MH	52.172	70,433				70,433
OPTRK	Operator, Truck Off Road	8.00	4,320.00 MH	51.503	222,493				222,493
OPWP	Operator, Waterpull	1.00	540.00 MH	49.494	26,727				26,727
\$1,926,090.57	0.0225 MH/CY	8,910.00	MH	[0.784]	467,026		1,459,065		1,926,091

=====> **Item Totals: 600 - EXCAVATION RIPPABLE**
 \$1,926,090.57 0.0225 MH/CY 8,910.00 MH [0.784] 467,026 1,459,065 **1,926,091**
 4.864 396000 CY 1.18 3.68 4.86

BID ITEM = 1600 CLIENT# = 6 Land Item SCHEDULE: 1 100
 Description = ENGINEERED FILL Unit = CY Takeoff Quan: 4,520.000 Engr Quan: 4,520.000

203-41 Place Fill from Onsite Ex **Quan: 4,520.00 CY Hrs/Shft: 10.00 Cal: 510 WC: NOUSE**

<u>PLFILL</u>	(Mod) Place Fill from Onsite Ex	30.00	CH	Prod: 150.6667 UH	Lab Pcs:	3.00	Eqp Pcs:	3.00	**Unreviewed
8MG150	Cat 150 Motorgrader (I	1.00	30.00 HR	94.875			2,846		2,846
8RCVS	Cat CS54 Vib Steel Rol	1.00	30.00 HR	47.578			1,427		1,427
8YGATOR	UTV Gator / Kubota	1.00	30.00 HR	6.130			184		184
LAGCK	Laborer, Grade Checker	1.00	30.00 MH	51.837	1,555				1,555
OPBLD	Operator, Finish Motorgrad	1.00	30.00 MH	59.536	1,786				1,786
OPGEN	Operator, General	1.00	30.00 MH	48.490	1,455				1,455
\$9,253.41	0.0199 MH/CY	90.00	MH	[0.708]	4,796		4,457		9,253

=====> **Item Totals: 1600 - ENGINEERED FILL**
 \$9,253.41 0.0199 MH/CY 90.00 MH [0.708] 4,796 4,457 **9,253**
 2.047 4520 CY 1.06 0.99 2.05

BID ITEM = 1700 CLIENT# = 7 Land Item SCHEDULE: 1 100
 Description = CRUSHING CUSHION LAYER Unit = CY Takeoff Quan: 26,840.000 Engr Quan: 26,840.000

970-19 CUSHION LAYER **Quan: 26,840.00 CY Hrs/Shft: 10.00 Cal: 510 WC: NOUSE**

4CRS	Rock Crushing Sub	1.00	26,840.00 CY	12.500			335,500		335,500
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**Unreviewed

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Perm Labor	Constr Material	Equip Matl/Exp	Sub-Ment	Sub-Contract	Total
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BID ITEM = 1800 CLIENT# = 8 Land Item SCHEDULE: 1 100
 Description = PLACING CUSHION LAYER Unit = CY Takeoff Quan: 5,600.000 Engr Quan: 5,600.000

203-03-11 LHP Cushion Layer Quan: 5,600.00 CY Hrs/Shft: 10.00 Cal: 510 WC: NOUSE

**Unreviewed

3 water trucks in water item is enough

<u>EXL980</u>	(Mod) Excavation Loader 980		22.95 CH	Prod: 244.0002 UH	Lab Pcs: 7.00		Eqp Pcs: 7.00			
8DZ09	Cat D9T Dozer (405 hp)	1.00	22.95 HR	218.749			5,020			5,020
8LD966	Cat 966 Wheel loader (	1.00	22.95 HR	96.500			2,215			2,215
8RCVS	Cat CS54 Vib Steel Rol	1.00	22.95 HR	47.577			1,092			1,092
8RTK040	Deere (46) Articulated	3.00	68.85 HR	133.750			9,209			9,209
8YGATOR	UTV Gator / Kubota	1.00	22.95 HR	6.129			141			141
LAGCK	Laborer, Grade Checker	1.00	22.95 MH	51.837	1,190					1,190
OPDZR	Operator, Dozer	1.00	22.95 MH	53.845	1,236					1,236
OPGEN	Operator, General	1.00	22.95 MH	48.490	1,113					1,113
OPLDR	Operator, Loader	1.00	22.95 MH	50.833	1,167					1,167
OPTRK	Operator, Truck Off Road	3.00	68.85 MH	51.503	3,546					3,546
\$25,927.13	0.0286 MH/CY		160.65 MH	[0.975]	8,251		17,676			25,927

=====> Item Totals: 1800 - PLACING CUSHION LAYER

\$25,927.13	0.0286 MH/CY		160.65 MH	[0.975]	8,251		17,676			25,927
4.630	5600 CY				1.47		3.16			4.63

BID ITEM = 1900 CLIENT# = 9 Land Item SCHEDULE: 1 100
 Description = 24" CONCRETE PIPE W/HEADWALLS Unit = LF Takeoff Quan: 542.000 Engr Quan: 542.000

203-90-03 Structural Backfill 320 Quan: 8.00 EA Hrs/Shft: 10.00 Cal: 510 WC: NOUSE

**Unreviewed

<u>EXES2</u>	Structural Backfill Med		10.00 CH	Prod: 1.2500 HU	Lab Pcs: 6.00		Eqp Pcs: 4.00			
8EX325	Cat 325 Excavator (57,	1.00	10.00 HR	65.500			655			655
8RCMX	Ramex	1.00	10.00 HR	12.000			120			120
8RPC	Plate Compactor	1.00	10.00 HR	12.000			120			120
8WTK4	4,000 gal Water Truck	1.00	10.00 HR	53.500			535			535
LACMN	Laborer, Common	4.00	40.00 MH	40.792	1,632					1,632
OPEXC	Operator, Excavator	1.00	10.00 MH	52.173	522					522
OPWT	Operator, Water Truck	1.00	10.00 MH	47.487	475					475
\$4,058.31	7.5000 MH/EA		60.00 MH	[208.313]	2,628		1,430			4,058

502-24-01 24" RGRCP Ex/Place/Backfill Quan: 542.00 LF Hrs/Shft: 10.00 Cal: 510 WC: NOUSE

**Unreviewed

<u>SDMED</u>	Pipe - Medium Diameter		40.00 CH	Prod: 13.5500 UH	Lab Pcs: 9.00		Eqp Pcs: 6.00			
8EX325	Cat 325 Excavator (57,	1.00	40.00 HR	65.500			2,620			2,620
8LD966	Cat 966 Wheel loader (	1.00	40.00 HR	96.500			3,860			3,860
8RCHR	Walk Behin Hand roller	1.00	40.00 HR	29.482			1,179			1,179
8RCMX	Ramex	1.00	40.00 HR	12.000			480			480
8WTK4	4,000 gal Water Truck	1.00	40.00 HR	53.500			2,140			2,140
8YGATOR	UTV Gator / Kubota	1.00	40.00 HR	6.130			245			245
LACMN	Laborer, Common	5.00	200.00 MH	40.792	8,159					8,159
LAGCK	Laborer, Grade Checker	1.00	40.00 MH	51.837	2,074					2,074
OPEXC	Operator, Excavator	1.00	40.00 MH	52.172	2,087					2,087
OPLDR	Operator, Loader	1.00	40.00 MH	50.833	2,033					2,033
OPWT	Operator, Water Truck	1.00	40.00 MH	47.486	1,899					1,899
\$26,776.26	0.6642 MH/LF		360.00 MH	[19.179]	16,252		10,525			26,776

502-24-02 24" RGRCP Materials Quan: 542.00 LF Hrs/Shft: 10.00 Cal: 510 WC: NOUSE

**Unreviewed

2ABED	Bedding Material	1.00	356.00 TN	25.000		8,900				8,900
2PC244	24 in. R CL4 Conc Pipe C7	1.00	544.00 LF	60.000		32,640				32,640

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 1900		CLIENT# = 9	Land Item	SCHEDULE: 1	100					
Description =	24" CONCRETE PIPE W/HEADWALLS		Unit =	LF	Takeoff Quan:		542.000	Engr Quan:		542.000
\$41,540.00			[]			41,540				41,540
=====> Item Totals: 1900 - 24" CONCRETE PIPE W/HEADWALLS										
\$72,374.57	0.7749 MH/LF	420.00 MH	[22.254]	18,880	41,540			11,955		72,375
133.532	542 LF			34.83	76.64			22.06		133.53
\$3,306,537.17	*** Report Totals ***	19,363.65 MH		903,331	53,865	180,072	1,785,269	384,000		3,306,537

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.
 This report shows TAKEOFF Quantities with the resources.

'Unreviewed' Activities are marked.

Actual Unit Cost is used, which includes taxes, escalation, etc.

Bid Date: 02/27/23 Owner: CITYOFFLAGSTAFF Engineering Firm: TETRATECH
 Estimator-In-Charge:

JOB NOTES

[[Attached Files: CLass A Risk Classification 1.pdf, Class A Risk Classification 2.pdf, Class B Risk Classifications.pdf]]
 Labor Rates Updated 02/27/2023 Labor Burden updated 04/05/2022 Equipment Rates Updated 07/12/2022

*****Estimate created on: 10/12/2021 by User#: 52 - Chad Bryce
 Source estimate used: J:\HCSS\HEAVYBID\MSTR_LIBEST\MASTEREST18

*****Estimate created on: 04/03/2023 by User#: 103 - Mike Claflin
 Source estimate used: J:\HCSS\HEAVYBID\MSTR_LIBEST\MASTEREST22

*****Estimate created on: 04/06/2023 by User#: 103 - Mike Claflin
 Source estimate used: J:\HCSS\HEAVYBID\23EST\CINDERLKLFBV2

*****Estimate created on: 04/25/2023 by User#: 103 - Mike Claflin
 Source estimate used: J:\HCSS\HEAVYBID\23EST\CINDERLKLFBV3

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

- 410 4 X 10 HR WEEK NO OT
- 508 5 X 8 HR WEEK
- 509 5 X 9 HR WEEK
- 510 5 x 10 HR WEEK (Default Calendar)**
- 5E8 5 X 8 (Pay 9 - Work 8)
- 608 6 X 8 HR WEEK
- 610 6 X 10 HR WEEK
- 6E8 6 X 8 (Pay 9 - Work 8)

CINDER LAKE LANDFILL CMAR PH 2 CELL D

Project No. 22-002570

GMP based on the following

Specifications dated April 26, 2023, pages 1-133

Plans dated April 2023

1. Sheet C-001
2. Sheet C-002
3. Sheet C-100
4. Sheet C-101
5. Sheet C-101A
6. Sheet C-102
7. Sheet C-102A
8. Sheet C-111
9. Sheet C-112
10. Sheet C-301
11. Sheet C-501
12. Sheet C-502
13. Sheet C-503

Cinder Lake Landfill Cell D GMP1

Qualifications

GMP No. 1 consists only of the excavation of the partial Cell D Landfill cell, crushing of the cushion layer and a partial placement of the cushion layer. All other components of the lined cell shown on the plans and identified in the specifications will be done under a future GMP to the CMAR contract.

Part of the owner's contingency is to be used for fuel escalation (or a credit if fuel decreases). This GMP is based on using the Fuel Escalation clause in the specifications.

We have assumed Tetrattech will be performing any needed QA/QC.

Additional qualifications may be forthcoming after review of final plans and specifications.



Job Quote

Customer Information

Customer: Rummel Construction
 Contact: Mike Claflin

Phone: 602.663.2039
 Fax: _____
 Email: mclaflin@rummelconstruction.com

Job Information

Job Location: Flagstaff Landfill
 Bid Date: April 27, 2023 Start Date: Unknown

Material	Quantity Bid US Tons	Price Per Ton
<u>1" Minus</u>	<u>70,000 Minimum</u>	<u>\$6.75</u>
	<u>6.75/ton x 1.85 ton/Cy = 12.50/Cy</u>	

Mobilization: \$35,000.00

Contractor Responsibilities

- Water Dust Control (To Tank)
- Provide Adequate Stockpile Area
- Provide Adequate Space for Plant
-
- Quality Control
- Dozer to Push Material to Site
-
-

Notes/Comments: Oversize material disposal will need to be discussed. Price is based on fuel cost of \$4.50/gallon. Each Additiional dime increase on fuel will result in \$.02 increase in material price.



Proposal

1950 E. Adams, Suite C Show Low, AZ 85901
 (928) 537-2008 Fax (928) 537-2912 Email: office@perkinscinders.com

Proposal Submitted to: Rummel Construction, Inc MIKE CLAFLIN		Date: 4/25/2023			
Street: 7520 E. Adobe Drive,		Phone: (480)222-9922		Cell Phone:	
City, State, and Zip: Scottsdale Az 85255		Email: mclaflin@rummelconstruction.com			
Job Location: 6770 E LANDFILL ROAD FLAGSTAFF AZ, 86004					
We hereby submit specifications and estimates for:					
Item #	Description	Quantity	Unit	Unit Price	Total Price
1	Mobilization				\$ 45,900.00
2	Crushing Approx 50,000 CY 1" minus Basalt & Cinder	50,000	CY	\$ 13.25	\$ 662,500.00

Subtotal: \$ 708,400.00
 5.967% Sales Tax: Exempt
 Total: \$ 708,400.00

Exclusions and Conditions:

- * Due to the volatility of fuel and oil, prices are subject to change.
- * Any and all permits to be paid for and obtained by others.
- * Price does not include obtaining or installation of a storm water pollution prevention plan (SWPPP) if necessary.
- * Absolutely no retainage will be implied or withheld on this job.
- * All necessary sanitary facilities such as port-a-johns to be provided by others.
- * Onsite water source is to be provided at no charge
- * We do not guarantee crushed material to meet a specific gradation
- * Provided material to be crushed will be a 24" minus
- * A hammer hoe is not included in our pricing
- * Pricing is based upon loose cubic yardage stockpiled with a stacker and the volume based upon drone technology take off flights

We propose hereby to furnish material and labor-completion in accordance with the above specifications for the sum of:

Seven hundred eight thousand four hundred dollars and no cents \$ 708,400.00

Payment to be made as follows: Per terms of credit on file with Perkins Cinders, Inc.

Payment due for work done on a monthly billing cycle.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____ Date of Acceptance: _____