

Utah Department of Transportation Abstract of Bids Project No: F-0012(40)5 Project Name: SR-12; MP 4.59 - 4.78 Desc of Construction: Rehabilitation or Replacement Estimate Completion date on or before County: GARFIELD (17)					Engineer's Estimate		Bidder: KRAEMER NORTH AMERICA LLC ONE PLAINVIEW ROAD P O BOX 220 PLAIN,WI 53577		01/23/2018 Bidder: H D R ENGINEERING 2825 EAST COTTONWOOD PARKWAY SUITE 200 SALT LAKE CITY,UT 74121		Page 1 of 3
No.	Item No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
10 - ROADWAY											
1	015017010	Mobilization	1	Lump	160,000.00	160,000.00	104,318.28	104,318.28	85,048.53	85,048.53	
2	015407010	Public Information Services	1	Lump	5,000.00	5,000.00	840.00	840.00	6,279.00	6,279.00	
3	01554701*	Traffic Control	1	Lump	75,000.00	75,000.00	207,808.79	207,808.79	274,080.00	274,080.00	
4	015717025	Check Dam - Fiber Roll	624	ft	20.00	12,480.00	11.21	6,995.04	12.12	7,562.88	
5	015717075	Drop-Inlet Barrier - Fiber Roll	80	ft	10.00	800.00	12.35	988.00	13.46	1,076.80	
6	015717095	Fiber Roll - 12 Inch	1331	ft	10.00	13,310.00	9.14	12,165.34	10.77	14,334.87	
7	015717115	Pipe-Inlet Barrier - Fiber Roll	48	ft	10.00	480.00	12.35	592.80	13.46	646.08	
8	01721701*	Survey	1	Lump	10,000.00	10,000.00	20,451.20	20,451.20	27,734.36	27,734.36	
9	02056701*	Borrow (Plan Quantity)	469	cu yd	40.00	18,760.00	53.78	25,222.82	45.78	21,470.82	
10	02056702*	Granular Borrow (Plan Quantity)	919	cu yd	50.00	45,950.00	63.18	58,062.42	55.20	50,728.80	
11	022217050	Remove Tree	15	Each	300.00	4,500.00	371.43	5,571.45	437.56	6,563.40	
12	02221716P	Remove Asphalt Pavement	741	sq yd	10.00	7,410.00	13.71	10,159.11	16.16	11,974.56	
13	022317020	Clearing and Grubbing (Plan Quant	1	Acre	7,500.00	7,500.00	4,428.57	4,428.57	4,038.98	4,038.98	
		ity)									
14	02316701*	Rock Removal - Nonexplosive Metho	200	cu yd	200.00	40,000.00	48.00	9,600.00	56.55	11,310.00	
		d (Contingency)									
15	02316702*	Roadway Excavation (Plan Quantity	267	cu yd	100.00	26,700.00	57.22	15,277.74	43.08	11,502.36	
)									
16	023737010	Loose Riprap	44	cu yd	125.00	5,500.00	182.86	8,045.84	215.41	9,478.04	
17	023767030	Turf Reinforcement Mat	264	sq yd	10.00	2,640.00	24.00	6,336.00	28.27	7,463.28	
18	026107386	Drainage Pipe - 18 inch, Smooth,	30	ft	100.00	3,000.00	89.14	2,674.20	105.01	3,150.30	
		Leak-Resistant									
19	02610738P	Drainage Pipe - 24 inch, Smooth,	211	ft	125.00	26,375.00	97.14	20,496.54	114.44	24,146.84	
		Leak-Resistant									
20	02610761P	Drainage Pipe - 18 inch, Reinforc	32	ft	175.00	5,600.00	142.86	4,571.52	168.29	5,385.28	
		ed Concrete, Leak-Resistant (Stru									
		ctural Class V)									
21	02610762P	Drainage Pipe - 24 inch, Reinforc	90	ft	225.00	20,250.00	142.86	12,857.40	168.29	15,146.10	
		ed Concrete, Leak-Resistant (Stru									
		ctural Class V)									
22	026137030	Circular End Section 18 inch	3	Each	550.00	1,650.00	371.43	1,114.29	437.56	1,312.68	
23	026137040	Circular End Section 24 inch	1	Each	750.00	750.00	457.14	457.14	538.53	538.53	
24	02618701*	Clean Pipe Culvert	99	ft	50.00	4,950.00	24.14	2,389.86	29.62	2,932.38	
25	026337040	4 Foot Standard Manhole 3 ft to 5	1	Each	3,500.00	3,500.00	3,200.00	3,200.00	3,769.72	3,769.72	
		ft Deep - CB 11									
26	02633720D	Concrete Drainage Structure 4 ft	2	Each	3,500.00	7,000.00	3,855.72	7,711.44	4,577.52	9,155.04	

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No.	Item No.	Description	Qty	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
		Wide X 3 ft to 5 ft Deep - CB 5									
27	02633720P	Concrete Drainage Structure 4 ft	2	Each	5,000.00	10,000.00	5,028.58	10,057.16	5,923.85	11,847.70	
		Wide X 7 ft to 9 ft Deep - CB 5									
28	027217020	Untreated Base Course (Plan Quant	455	cu yd	60.00	27,300.00	77.80	35,399.00	60.58	27,563.90	
		ity)									
29	02737701*	Borrow Soft Spot Repair (Continge	92	cu yd	50.00	4,600.00	54.86	5,047.12	64.62	5,945.04	
		ncy)									
30	027417050	HMA - 1/2 inch	498	Ton	150.00	74,700.00	131.43	65,452.14	154.83	77,105.34	
31	02765701*	Pavement Marking Paint	55	gal	50.00	2,750.00	268.58	14,771.90	316.39	17,401.45	
32	028427030	Delineator - Culvert Marker	6	Each	50.00	300.00	280.00	1,680.00	134.63	807.78	
33	03611701*	Bollard	8	Each	5,000.00	40,000.00	1,840.96	14,727.68	2,263.39	18,107.12	
34	135537055	Utility Coordination and Location	1	Lump	5,000.00	5,000.00	4,523.72	4,523.72	8,077.97	8,077.97	
		Subtotal				673,755.00		703,994.51		783,685.93	
		20 - STRUCTURES V-55 Rock Tunnel									
35	02222701*	Rock Scaling	20	Hour	600.00	12,000.00	14.76	295.20	492.15	9,843.00	
36	02342701*	Shotcrete	2300	sq ft	70.00	161,000.00	24.69	56,787.00	35.00	80,500.00	
37	02342702*	Shotcrete Drainage System	120	ft	15.00	1,800.00	7.29	874.80	36.44	4,372.80	
38	02342703*	Remove Shotcrete	2300	sq ft	50.00	115,000.00	26.31	60,513.00	17.75	40,825.00	
39	10292701*	Tunnel Instrumentation	1	Lump	20,000.00	20,000.00	21,877.15	21,877.15	33,089.45	33,089.45	
		Subtotal				309,800.00		140,347.15		168,630.25	
		20 - STRUCTURES V-56 Rock Tunnel									
40	02222701*	Rock Scaling	20	Hour	600.00	12,000.00	141.76	2,835.20	492.15	9,843.00	
41	02342701*	Shotcrete	4245	sq ft	70.00	297,150.00	21.47	91,140.15	35.94	152,565.30	
42	02342702*	Shotcrete Drainage System	515	ft	15.00	7,725.00	7.30	3,759.50	36.52	18,807.80	
43	02342703*	Remove Shotcrete	4410	sq ft	50.00	220,500.00	16.29	71,838.90	17.75	78,277.50	
44	10292701*	Tunnel Instrumentation	1	Lump	10,000.00	10,000.00	17,020.15	17,020.15	27,131.68	27,131.68	
		Subtotal				547,375.00		186,593.90		286,625.28	
		30 - LANDSCAPING									
45	029117015	HECP Type 1	25	1000sqft	150.00	3,750.00	97.14	2,428.50	215.41	5,385.25	
46	029127050	Strip, Stockpile, and Spread Tops	3708	sq yd	2.50	9,270.00	2.28	8,454.24	2.69	9,974.52	
		oil (Plan Quantity)									
47	029227040	Broadcast Seed	25	1000sqft	150.00	3,750.00	125.66	3,141.50	148.10	3,702.50	
		Subtotal				16,770.00		14,024.24		19,062.27	
		40 - SIGNING									
48	028917028	Sign Type A-1, 12 Inch X 36 Inch	8	Each	100.00	800.00	168.00	1,344.00	370.24	2,961.92	
49	028917042	Sign Type A-1, 24 inch x 24 inch	2	Each	150.00	300.00	224.00	448.00	336.58	673.16	
50	02891708P	Sign Type A-2, 12 inch X 9 inch	2	Each	75.00	150.00	168.00	336.00	158.87	317.74	

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No.	Item No.	Description	Qty	Unit					Unit Price	Amount	Unit Price
51	028917100	Sign Type A-2, 24 inch X 18 inc	2	Each	100.00	200.00	224.00	448.00	235.61	471.22	
		h									
52	028917110	Sign Type A-2, 30 inch X 24 inc	1	Each	200.00	200.00	280.00	280.00	437.56	437.56	
		h									
53	028917270	Remove Sign Less Than 20 Square F	9	Each	100.00	900.00	112.00	1,008.00	201.95	1,817.55	
		eet									
54	028917300	Small Sign Tubular Steel Post Bas	13	Each	120.00	1,560.00	134.86	1,753.18	158.87	2,065.31	
		e (B1)									
55	028917355	Sign Post P1	13	Each	75.00	975.00	268.58	3,491.54	316.39	4,113.07	
		Subtotal				5,085.00		9,108.72		12,857.53	
Total:					1,552,785.00		1,054,068.52		1,270,861.26		
Percent of Engineer's Estimate:							%		%		