

SHAFER, KLINE & WARREN, INC.  
 3200 Penn Terrace, Suite 100  
 Columbia, MO 65202  
 (573) 234-2632

Morgan County, MO  
 Old Five Road  
 Soft Match Credit - GRS-IBS  
 Bridge No. 3350025  
 Bid Date: March 8, 2018

ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		Gene Haile Excavating, Inc. 31571 Old Eighty Seven California, MO 65018 573-796-3513		Concrete Structures 32312 Jacket Factory Rd California, MO 65018 573-301-1980		Mera Excavating, LLC 24 Scenic Acres Ln Bonnots Mill, MO 65016 573-301-6494		Do-Rite Construction & Excavating 1719 S HWY 6 S Lincoln, MO 65338 660-547-2627		Moon Construction 1553 HWY B Tipton, MO 65081 573-353-9536		AVG
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
<b>ROADWAY ITEMS</b>																
1	Clearing & Grubbing (Approx 0.1 Acres)	L.S.	1	\$2,500.00	\$2,500.00	\$2,750.00	\$2,750.00	\$1,500.00	\$1,500.00	\$315.00	\$315.00	\$557.00	\$557.00	\$1,000.00	\$1,000.00	\$1,224.40
2	Removal of Existing Improvements	L.S.	1	\$5,000.00	\$5,000.00	\$1,250.00	\$1,250.00	\$3,000.00	\$3,000.00	\$4,235.00	\$4,235.00	\$1,860.00	\$1,860.00	\$2,500.00	\$2,500.00	\$2,569.00
3	Embankment in Place	C.Y.	126	\$30.00	\$3,780.00	\$15.50	\$1,953.00	\$18.00	\$2,268.00	\$31.20	\$3,931.20	\$29.25	\$3,685.50	\$50.00	\$6,300.00	\$3,627.54
4	Aggregate Base Course (6in Layer MoDOT Type 1)	S.Y.	258	\$14.00	\$3,612.00	\$8.00	\$2,064.00	\$8.00	\$2,064.00	\$13.07	\$3,372.06	\$11.50	\$2,967.00	\$12.00	\$3,096.00	\$2,712.61
5	Plant Mix Bituminous Pavement (4in Layer BP-1 )	S.Y.	326	\$45.00	\$14,670.00	\$35.00	\$11,410.00	\$47.41	\$15,455.66	\$39.72	\$12,948.72	\$38.40	\$12,518.40	\$50.00	\$16,300.00	\$13,726.56
6	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$300.00	\$1,200.00	\$325.00	\$1,300.00	\$340.00	\$1,360.00	\$330.00	\$1,320.00	\$500.00	\$2,000.00	\$1,436.00
7	Type A Crashworthy End Terminal	EACH	4	\$2,500.00	\$10,000.00	\$2,625.00	\$10,500.00	\$2,750.00	\$11,000.00	\$2,950.00	\$11,800.00	\$2,885.00	\$11,540.00	\$2,750.00	\$11,000.00	\$11,168.00
8	Mobilization	L.S.	1	\$20,000.00	\$20,000.00	\$13,484.00	\$13,484.00	\$13,750.00	\$13,750.00	\$14,700.00	\$14,700.00	\$10,390.00	\$10,390.00	\$15,000.00	\$15,000.00	\$13,464.80
9	Seeding (includes Fertilizing & Mulching)	ACRE	0	\$10,000.00	\$1,000.00	\$20,000.00	\$2,000.00	\$15,000.00	\$1,500.00	\$8,000.00	\$800.00	\$19,425.00	\$1,942.50	\$10,000.00	\$1,000.00	\$1,448.50
10	Silt Fence	L.F.	105	\$3.50	\$367.50	\$3.00	\$315.00	\$4.00	\$420.00	\$2.95	\$309.75	\$3.35	\$351.75	\$15.00	\$1,575.00	\$594.30
<b>SUBTOTAL ROADWAY</b>					<b>\$62,929.50</b>		<b>\$46,926.00</b>		<b>\$52,257.66</b>		<b>\$53,771.73</b>		<b>\$47,132.15</b>		<b>\$59,771.00</b>	\$51,971.71
<b>SIGNING ITEMS</b>																
11	Type III Moveable Barricades	EACH	6	\$375.00	\$2,250.00	\$132.00	\$792.00	\$150.00	\$900.00	\$143.00	\$858.00	\$144.25	\$865.50	\$250.00	\$1,500.00	\$983.10
12	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$110.00	\$660.00	\$175.00	\$1,050.00	\$50.00	\$300.00	\$115.40	\$692.40	\$100.00	\$600.00	\$660.48
<b>SUBTOTAL SIGNING</b>					<b>\$3,450.00</b>		<b>\$1,452.00</b>		<b>\$1,950.00</b>		<b>\$1,158.00</b>		<b>\$1,557.90</b>		<b>\$2,100.00</b>	\$1,643.58
<b>BRIDGE ITEMS</b>																
13	Excavation for Structures	C.Y.	309.0	\$100.00	\$30,900.00	\$25.00	\$7,725.00	\$18.00	\$5,562.00	\$50.00	\$15,450.00	\$26.50	\$8,188.50	\$50.00	\$15,450.00	\$10,475.10
14	Removal of Existing Bridge	L.S.	1	\$10,000.00	\$10,000.00	\$5,800.00	\$5,800.00	\$5,750.00	\$5,750.00	\$8,200.00	\$8,200.00	\$17,850.00	\$17,850.00	\$10,000.00	\$10,000.00	\$9,520.00
15	Type 2 Rock Blanket	C.Y.	203	\$50.00	\$10,150.00	\$40.00	\$8,120.00	\$48.00	\$9,744.00	\$50.00	\$10,150.00	\$65.00	\$13,195.00	\$50.00	\$10,150.00	\$10,271.80
16	Geotextile Fabric	S.Y.	340	\$3.00	\$1,020.00	\$3.00	\$1,020.00	\$9.00	\$3,060.00	\$1.50	\$510.00	\$1.90	\$646.00	\$10.00	\$3,400.00	\$1,727.20
17	Class B-2 Concrete	C.Y.	8.5	\$600.00	\$5,100.00	\$650.00	\$5,525.00	\$675.00	\$5,737.50	\$355.00	\$3,017.50	\$365.00	\$3,102.50	\$420.00	\$3,570.00	\$4,190.50
18	Precast Concrete Box Girders (33'-7") (Horiz.)	EACH	8	\$3,700.00	\$29,600.00	\$5,625.00	\$45,000.00	\$5,316.75	\$42,534.00	\$5,675.00	\$45,400.00	\$5,515.00	\$44,120.00	\$5,200.00	\$41,600.00	\$43,730.80
19	Reinforcing Steel (Substructure)	LBS.	540	\$1.30	\$702.00	\$2.50	\$1,350.00	\$2.00	\$1,080.00	\$2.80	\$1,512.00	\$1.92	\$1,036.80	\$2.00	\$1,080.00	\$1,211.76
20	SL-1 Guardrail on Bridge	L.F.	50	\$50.00	\$2,500.00	\$64.00	\$3,200.00	\$67.04	\$3,352.00	\$72.00	\$3,600.00	\$70.00	\$3,500.00	\$85.00	\$4,250.00	\$3,580.40
21	GRS-IBS Retaining Wall	S.F.	1234	\$12.00	\$14,808.00	\$23.00	\$28,382.00	\$24.00	\$29,616.00	\$13.07	\$16,128.38	\$32.20	\$39,734.80	\$25.00	\$30,850.00	\$28,942.24
22	GRS-IBS Geogrid	S.Y.	1500	\$8.00	\$12,000.00	\$5.00	\$7,500.00	\$6.50	\$9,750.00	\$3.62	\$5,430.00	\$5.50	\$8,250.00	\$7.00	\$10,500.00	\$8,286.00
23	GRS-IBS Reinforced Backfill (3/4" Clean)	C.Y.	260	\$25.00	\$6,500.00	\$75.00	\$19,500.00	\$52.00	\$13,520.00	\$122.85	\$31,941.00	\$60.50	\$15,730.00	\$45.00	\$11,700.00	\$18,478.20
<b>SUBTOTAL BRIDGE</b>					<b>\$123,280.00</b>		<b>\$133,122.00</b>		<b>\$129,705.50</b>		<b>\$141,338.88</b>		<b>\$155,353.60</b>		<b>\$142,550.00</b>	\$140,414.00
<b>TOTAL CONTRACTOR</b>					<b>\$189,659.50</b>		<b>\$181,500.00</b>		<b>\$183,913.16</b>		<b>\$196,268.61</b>		<b>\$204,043.65</b>		<b>\$204,421.00</b>	\$194,029.28

CALENDER DAYS = 75

LIQUIDATED DAMAGES = \$700 PER DAY