

SHAFER, KLINE & WARREN, INC.  
 3200 Penn Terrace, Suite 100  
 Columbia, MO 65202  
 (573) 442-4537

Lincoln County, MO  
 2015 Flood Damage-Bridge Repair  
 Contract 6  
 Bridge No.:  
 1670003 - SAND HILL RD;  
 1650045 - MCINTOSH;  
 2280010 - N CHANTILLY RD;  
 3010016 - N LINDSEY RD;  
 2580019 - MEIER RD;  
 3170023 - KAIMANN LN.  
 Bid Date: August 1, 2016

				ENGINEER'S ESTIMATE		Kuesel Excavating Company, Inc. 854 Lone Star Dr. O'Fallon, MO 63366		Travis Hodge Hauling, LLC P.O. Box 1064 Lake Ozark, MO 65049		L. Keeley Construction Company 500 S. Ewing Avenue, Suite G St. Louis, MO 63103	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BRIDGE NO. 1670003 - SAND HILL RD</b>											
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00	\$1,150.00	\$1,150.00	\$3,312.00	\$3,312.00
2	Embankment in Place	C.Y.	47	\$60.00	\$2,820.00	\$60.00	\$2,820.00	\$57.00	\$2,679.00	\$65.00	\$3,055.00
3	MoDOT Type 2 Rock Blanket	C.Y.	259	\$75.00	\$19,425.00	\$48.00	\$12,432.00	\$60.00	\$15,540.00	\$60.00	\$15,540.00
4	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$2,000.00	\$2,000.00
5	Mobilization	L.S.	1	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00
6	Geotextile Fabric	S.Y.	484	\$3.00	\$1,452.00	\$3.50	\$1,694.00	\$5.00	\$2,420.00	\$3.00	\$1,452.00
7	Class B-1 Concrete (Flowable Fill)	C.Y.	22	\$800.00	\$17,600.00	\$950.00	\$20,900.00	\$650.00	\$14,300.00	\$610.00	\$13,420.00
8	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>1670003 Subtotal</b>				<b>\$51,997.00</b>		<b>\$42,546.00</b>		<b>\$40,919.00</b>		<b>\$43,279.00</b>	
<b>BRIDGE NO. 1650045 - MCINTOSH</b>											
1	Removal of Improvements	L.S.	1	\$2,000.00	\$2,000.00	\$1,300.00	\$1,300.00	\$1,150.00	\$1,150.00	\$3,312.00	\$3,312.00
2	Removal of Debris	L.S.	1	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$1,150.00	\$1,150.00	\$3,500.00	\$3,500.00
3	Embankment in Place	C.Y.	11	\$100.00	\$1,100.00	\$110.00	\$1,210.00	\$70.00	\$770.00	\$100.00	\$1,100.00
4	MoDOT Type 2 Rock Blanket	C.Y.	54	\$75.00	\$4,050.00	\$60.00	\$3,240.00	\$80.00	\$4,320.00	\$100.00	\$5,400.00
5	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$2,000.00	\$2,000.00
6	Mobilization	L.S.	1	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00
7	Geotextile Fabric	S.Y.	98	\$3.00	\$294.00	\$3.50	\$343.00	\$5.50	\$539.00	\$3.00	\$294.00
8	Class B-1 Concrete (Flowable Fill)	C.Y.	2	\$1,500.00	\$3,000.00	\$2,500.00	\$5,000.00	\$850.00	\$1,700.00	\$1,500.00	\$3,000.00
9	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>1650045 Subtotal</b>				<b>\$15,844.00</b>		<b>\$15,793.00</b>		<b>\$14,459.00</b>		<b>\$23,106.00</b>	
<b>BRIDGE NO. 2280010 - N CHANTILLY RD</b>											
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00	\$1,150.00	\$1,150.00	\$3,312.00	\$3,312.00
2	Embankment in Place	C.Y.	18	\$100.00	\$1,800.00	\$75.00	\$1,350.00	\$60.00	\$1,080.00	\$200.00	\$3,600.00
3	MoDOT Type 2 Rock Blanket	C.Y.	95	\$75.00	\$7,125.00	\$60.00	\$5,700.00	\$80.00	\$7,600.00	\$75.00	\$7,125.00
4	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$1,500.00	\$1,500.00
5	Mobilization	L.S.	1	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
6	Geotextile Fabric	S.Y.	180	\$3.00	\$540.00	\$3.10	\$558.00	\$5.50	\$990.00	\$3.00	\$540.00
7	Class B-1 Concrete (Flowable Fill)	C.Y.	7	\$800.00	\$5,600.00	\$1,700.00	\$11,900.00	\$750.00	\$5,250.00	\$800.00	\$5,600.00
8	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>2280010 Subtotal</b>				<b>\$23,265.00</b>		<b>\$24,208.00</b>		<b>\$20,900.00</b>		<b>\$25,677.00</b>	
<b>BRIDGE NO. 3010016 - N LINDSEY RD</b>											
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$1,150.00	\$1,150.00	\$5,000.00	\$5,000.00
2	Removal of Debris	L.S.	1	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$1,150.00	\$1,150.00	\$3,000.00	\$3,000.00
3	Embankment in Place	C.Y.	62	\$60.00	\$3,720.00	\$58.00	\$3,596.00	\$60.00	\$3,720.00	\$55.00	\$3,410.00
4	4" Crushed Stone (Type 1)	S.Y.	27	\$10.00	\$270.00	\$21.00	\$567.00	\$23.00	\$621.00	\$50.00	\$1,350.00
5	1.5" Plant Mix Bituminous Pavement (BP-1)	TONS	27	\$38.00	\$1,026.00	\$51.00	\$1,377.00	\$115.00	\$3,105.00	\$135.00	\$3,645.00
6	4" Plant Mix Bituminous Base	TONS	27	\$75.00	\$2,025.00	\$71.00	\$1,917.00	\$115.00	\$3,105.00	\$140.00	\$3,780.00
7	MoDOT Type 2 Rock Blanket	C.Y.	200	\$75.00	\$15,000.00	\$51.00	\$10,200.00	\$60.00	\$12,000.00	\$70.00	\$14,000.00
8	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$1,500.00	\$1,500.00
9	Mobilization	L.S.	1	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
10	Geotextile Fabric	S.Y.	370	\$3.00	\$1,110.00	\$3.10	\$1,147.00	\$5.00	\$1,850.00	\$3.00	\$1,110.00
11	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>3010016 Subtotal</b>				<b>\$33,351.00</b>		<b>\$25,654.00</b>		<b>\$31,531.00</b>		<b>\$40,795.00</b>	

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				ENGINEER'S ESTIMATE		Kuesel Excavating Company, Inc. 854 Lone Star Dr. O'Fallon, MO 63366		Travis Hodge Hauling, LLC P.O. Box 1064 Lake Ozark, MO 65049		L. Keeley Construction Company 500 S. Ewing Avauue, Suite G St. Louis, MO 63103	
ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BRIDGE NO. 2580019 - MEIER RD</b>											
1	Removal of Improvements	L.S.	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,150.00	\$1,150.00	\$5,000.00	\$5,000.00
2	Removal of Debris	L.S.	1	\$1,000.00	\$1,000.00	\$1,300.00	\$1,300.00	\$1,150.00	\$1,150.00	\$3,500.00	\$3,500.00
3	Embankment in Place	C.Y.	158	\$60.00	\$9,480.00	\$45.00	\$7,110.00	\$100.00	\$15,800.00	\$28.00	\$4,424.00
4	MoDOT Type 2 Rock Blanket	C.Y.	147	\$75.00	\$11,025.00	\$55.00	\$8,085.00	\$68.00	\$9,996.00	\$60.00	\$8,820.00
5	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$1,000.00	\$1,000.00
6	Mobilization	L.S.	1	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
7	Geotextile Fabric	S.Y.	278	\$3.00	\$834.00	\$3.50	\$973.00	\$5.00	\$1,390.00	\$3.00	\$834.00
8	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>2580019 Subtotal</b>					<b>\$30,539.00</b>		<b>\$22,068.00</b>		<b>\$34,316.00</b>		<b>\$27,578.00</b>
<b>BRIDGE NO. 3170023 - KAIMANN LN</b>											
1	Removal of Improvements	L.S.	1	\$3,000.00	\$3,000.00	\$2,600.50	\$2,600.50	\$1,150.00	\$1,150.00	\$5,000.00	\$5,000.00
2	Embankment in Place	C.Y.	37	\$100.00	\$3,700.00	\$60.00	\$2,220.00	\$57.00	\$2,109.00	\$100.00	\$3,700.00
3	MoDOT Type 2 Rock Blanket	C.Y.	115	\$75.00	\$8,625.00	\$52.00	\$5,980.00	\$70.00	\$8,050.00	\$60.00	\$6,900.00
4	Traffic Control	L.S.	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$1,150.00	\$1,150.00	\$1,500.00	\$1,500.00
5	Mobilization	L.S.	1	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00
6	Geotextile Fabric	S.Y.	213	\$3.00	\$639.00	\$3.50	\$745.50	\$5.00	\$1,065.00	\$3.00	\$639.00
7	Class B-1 Concrete (Flowable Fill)	C.Y.	4	\$800.00	\$3,200.00	\$2,450.00	\$9,800.00	\$750.00	\$3,000.00	\$1,000.00	\$4,000.00
8	Seeding (Includes Fertilizer & Mulch)	ACRES	0.02	\$10,000.00	\$200.00	\$25,000.00	\$500.00	\$69,000.00	\$1,380.00	\$100,000.00	\$2,000.00
<b>2980009 Subtotal</b>					<b>\$24,864.00</b>		<b>\$24,746.00</b>		<b>\$20,204.00</b>		<b>\$25,739.00</b>
<b>Total Contractor</b>					<b>\$179,860.00</b>		<b>\$155,015.00</b>		<b>\$162,329.00</b>		<b>\$186,174.00</b>

CALENDER DAYS = 75

LIQUIDATED DAMAGES = \$500 PER DAY