

McClure
 1901 Pennsylvania Drive
 Columbia, MO 65202
 (573) 234-2632

Miller County, MO
 Taylor Road
 Project Number BRO-B066 (20)
 Bridge No. 0460012
 September 10, 2018

ENGINEER'S ESTIMATE					Gene Haile Excavating, Inc. 31571 Old Eighty Seven California, MO 65018 573-796-3513		E&C Bridge, LLC 205 W. Buchanan P.O. Box California, MO 65018 573-619-2497		Widel, Inc. 5700 M HWY Blackwater, MO 65322 660-846-3791		Brenneke Construction, LLC 844 Lock & Dam Road Jefferson City, MO 65101 573-619-4275		Don Schnieders Excavation Company, Inc. 1307 FarigrondsRoad Jefferson City, MO 65019 573-893-2251			
LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
ROADWAY ITEMS																
1	201	Clearing & Grubbing (Approx 0.13 Acres)	L.S.	1	\$5,000.00	\$5,000.00	\$6,750.00	\$6,750.00	\$2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$1,480.00	\$1,480.00
2	202.3	Removal of Existing Improvements	L.S.	1	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00	\$4,750.00	\$4,750.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$1,480.00	\$1,480.00
3	203	Embankment in Place	C.Y.	1,318	\$25.00	\$32,950.00	\$11.00	\$14,498.00	\$18.00	\$23,724.00	\$11.00	\$14,498.00	\$10.00	\$13,180.00	\$19.70	\$25,964.60
4	606.1	Guardrail Transition Section	EACH	4	\$500.00	\$2,000.00	\$830.00	\$3,320.00	\$790.00	\$3,160.00	\$882.00	\$3,528.00	\$850.00	\$3,400.00	\$790.00	\$3,160.00
5	606.1	Type A Guardrail	L.F.	36	\$40.00	\$1,440.00	\$26.50	\$954.00	\$25.10	\$903.60	\$46.65	\$1,679.40	\$30.00	\$1,080.00	\$25.10	\$903.60
6	606.1	Type A Crashworthy End Terminal	EACH	4	\$2,500.00	\$10,000.00	\$2,600.00	\$10,400.00	\$2,500.00	\$10,000.00	\$2,937.00	\$11,748.00	\$3,000.00	\$12,000.00	\$2,500.00	\$10,000.00
7	618	Mobilization	L.S.	1	\$30,000.00	\$30,000.00	\$7,973.00	\$7,973.00	\$13,000.00	\$13,000.00	\$40,000.00	\$40,000.00	\$35,000.00	\$35,000.00	\$14,000.00	\$14,000.00
8	627	Contractor Surveying and Staking	L.S.	1	\$3,500.00	\$3,500.00	\$2,750.00	\$2,750.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
9	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.4	\$5,000.00	\$2,000.00	\$6,250.00	\$2,500.00	\$7,875.00	\$3,150.00	\$1,400.00	\$560.00	\$6,000.00	\$2,400.00	\$8,000.00	\$3,200.00
10	806.3	Ditch Checks	EACH	3	\$250.00	\$750.00	\$150.00	\$450.00	\$195.00	\$585.00	\$48.00	\$144.00	\$200.00	\$600.00	\$250.00	\$750.00
11	806.7	Silt Fence	L.F.	511	\$4.00	\$2,044.00	\$2.50	\$1,277.50	\$2.60	\$1,328.60	\$0.98	\$500.78	\$4.00	\$2,044.00	\$2.50	\$1,277.50
SUBTOTAL ROADWAY					\$93,684.00	\$52,372.50	\$65,601.20	\$82,658.18	\$84,704.00	\$64,715.70						
SIGNING ITEMS																
12	616	Type III Moveable Barricades	EACH	6	\$375.00	\$2,250.00	\$150.00	\$900.00	\$135.00	\$810.00	\$1,710.00	\$10,260.00	\$300.00	\$1,800.00	\$135.00	\$810.00
13	616	Construction Signs	EACH	6	\$200.00	\$1,200.00	\$95.00	\$570.00	\$90.00	\$540.00	\$180.00	\$1,080.00	\$300.00	\$1,800.00	\$90.00	\$540.00
SUBTOTAL SIGNING					\$3,450.00	\$1,470.00	\$1,350.00	\$11,340.00	\$3,600.00	\$1,350.00						
BRIDGE ITEMS																
14	206	Excavation for Structures	C.Y.	59.0	\$100.00	\$5,900.00	\$15.00	\$885.00	\$65.00	\$3,835.00	\$100.00	\$5,900.00	\$65.00	\$3,835.00	\$50.00	\$2,950.00
15	611.3	Type 2 Rock Blanket	C.Y.	536	\$60.00	\$32,160.00	\$45.00	\$24,120.00	\$42.00	\$22,512.00	\$43.00	\$23,048.00	\$50.00	\$26,800.00	\$57.60	\$30,873.60
16	624	Geotextile Fabric	S.Y.	960	\$4.00	\$3,840.00	\$2.50	\$2,400.00	\$2.50	\$2,400.00	\$1.90	\$1,824.00	\$3.00	\$2,880.00	\$2.30	\$2,208.00
17	702	HP 10X42 Structural Steel Piles	L.F.	120	\$70.00	\$8,400.00	\$95.00	\$11,400.00	\$52.00	\$6,240.00	\$105.00	\$12,600.00	\$85.00	\$10,200.00	\$95.75	\$11,490.00
18	702	Pile Point Reinforcement	EACH	10	\$200.00	\$2,000.00	\$120.00	\$1,200.00	\$125.00	\$1,250.00	\$200.00	\$2,000.00	\$150.00	\$1,500.00	\$100.00	\$1,000.00
19	702.4.3	Preboring for Piling	L.F.	105	\$250.00	\$26,250.00	\$100.00	\$10,500.00	\$215.00	\$22,575.00	\$210.00	\$22,050.00	\$150.00	\$15,750.00	\$197.00	\$20,685.00
20	703	Class B-2 Concrete	C.Y.	27.8	\$700.00	\$19,460.00	\$550.00	\$15,290.00	\$750.00	\$20,850.00	\$195.00	\$5,421.00	\$500.00	\$13,900.00	\$634.00	\$17,625.20
21	703	Slab on Concrete I-Girder	S.Y.	210	\$350.00	\$73,500.00	\$295.00	\$61,950.00	\$290.00	\$60,900.00	\$250.00	\$52,500.00	\$245.00	\$51,450.00	\$350.00	\$73,500.00
22	705	Prestressed Concrete Type 6 I-Girders (89'-8 1/2")	EACH	3	\$27,000.00	\$81,000.00	\$25,435.00	\$76,305.00	\$24,500.00	\$73,500.00	\$21,900.00	\$65,700.00	\$25,000.00	\$75,000.00	\$22,700.00	\$68,100.00
23	713	SL-1 Rail on Bridge	L.F.	184	\$55.00	\$10,120.00	\$58.50	\$10,764.00	\$55.27	\$10,169.68	\$70.00	\$12,880.00	\$56.00	\$10,304.00	\$55.27	\$10,169.68
24	715	Vertical Drain at End Bents	EACH	2	\$2,000.00	\$4,000.00	\$1,200.00	\$2,400.00	\$800.00	\$1,600.00	\$388.00	\$776.00	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
25	716.1	Plain Neoprene Bearing Pads	EACH	6	\$175.00	\$1,050.00	\$100.00	\$600.00	\$150.00	\$900.00	\$172.00	\$1,032.00	\$200.00	\$1,200.00	\$190.00	\$1,140.00
SUBTOTAL BRIDGE					\$267,680.00	\$217,814.00	\$226,731.68	\$205,731.00	\$214,819.00	\$241,741.48						
TOTAL CONTRACTOR					\$364,814.00	\$271,656.50	\$293,682.88	\$299,729.18	\$303,123.00	\$307,807.18						

WORKING DAYS = 110

LIQUIDATED DAMAGES = \$700 PER DAY

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 1901 Pennsylvania Drive
 Columbia, MO 65202
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Miller County, MO
Taylor Road
Project Number BRO-B066 (20)
Bridge No. 0460012
September 10, 2018

					C & C Bridge & Concrete, Inc. 2124 Riverview Lane Pilot Grove, MO 65276 660-834-3109		Chester Bros Construction Co. P.O. Box 430 Hannibal, MO 63401 573-221-5958		Boone Construction Co. 5611 Brown Station Road Columbia, MO 65202 573-474-1011		Sharp Excavating, LLC 41940 Highway 154 Perry, MO 63462 573-565-2651		Emery Sapp & Sons, Inc. 2301 I-70 Drive NW Columbia, MO 65202 573-445-8331		Larry Mudd DBA PostOak AgriBusiness 675 NE 75 Rd. Knob Noster, MO 65336 660-563-4851	
LINE	ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
ROADWAY ITEMS																
1	201	Clearing & Grubbing (Approx 0.13 Acres)	L.S.	1	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00
2	202.3	Removal of Existing Improvements	L.S.	1	\$3,500.00	\$3,500.00	\$8,100.00	\$8,100.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00
3	203	Embankment in Place	C.Y.	1,318	\$10.00	\$13,180.00	\$17.00	\$22,406.00	\$20.00	\$26,360.00	\$15.00	\$19,770.00	\$20.00	\$26,360.00	\$16.00	\$21,088.00
4	606.1	Guardrail Transition Section	EACH	4	\$1,000.00	\$4,000.00	\$790.00	\$3,160.00	\$790.00	\$3,160.00	\$900.00	\$3,600.00	\$790.00	\$3,160.00	\$948.00	\$3,792.00
5	606.1	Type A Guardrail	L.F.	36	\$40.00	\$1,440.00	\$26.00	\$936.00	\$25.10	\$903.60	\$30.00	\$1,080.00	\$25.10	\$903.60	\$30.12	\$1,084.32
6	606.1	Type A Crashworthy End Terminal	EACH	4	\$3,000.00	\$12,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$2,500.00	\$10,000.00	\$3,000.00	\$12,000.00
7	618	Mobilization	L.S.	1	\$25,000.00	\$25,000.00	\$30,050.00	\$30,050.00	\$38,000.00	\$38,000.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00	\$24,284.00	\$24,284.00
8	627	Contractor Surveying and Staking	L.S.	1	\$3,000.00	\$3,000.00	\$3,200.00	\$3,200.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$3,585.00	\$3,585.00	\$5,400.00	\$5,400.00
9	805	Seeding (includes Fertilizing & Mulching)	ACRE	0.4	\$6,000.00	\$2,400.00	\$5,300.00	\$2,120.00	\$5,000.00	\$2,000.00	\$10,000.00	\$4,000.00	\$8,000.00	\$3,200.00	\$3,600.00	\$1,440.00
10	806.3	Ditch Checks	EACH	3	\$350.00	\$1,050.00	\$125.00	\$375.00	\$250.00	\$750.00	\$150.00	\$450.00	\$350.00	\$1,050.00	\$324.00	\$972.00
11	806.7	Silt Fence	L.F.	511	\$5.00	\$2,555.00	\$3.00	\$1,533.00	\$3.00	\$1,533.00	\$0.50	\$255.50	\$4.50	\$2,299.50	\$5.69	\$2,907.59
SUBTOTAL ROADWAY						\$71,625.00		\$84,880.00		\$94,706.60		\$112,155.50		\$91,258.10		\$78,467.91
SIGNING ITEMS																
12	616	Type III Moveable Barricades	EACH	6	\$250.00	\$1,500.00	\$150.00	\$900.00	\$135.00	\$810.00	\$350.00	\$2,100.00	\$135.00	\$810.00	\$180.00	\$1,080.00
13	616	Construction Signs	EACH	6	\$250.00	\$1,500.00	\$100.00	\$600.00	\$90.00	\$540.00	\$150.00	\$900.00	\$90.00	\$540.00	\$200.00	\$1,200.00
SUBTOTAL SIGNING						\$3,000.00		\$1,500.00		\$1,350.00		\$3,000.00		\$1,350.00		\$2,280.00
BRIDGE ITEMS																
14	206	Excavation for Structures	C.Y.	59.0	\$30.00	\$1,770.00	\$22.00	\$1,298.00	\$50.00	\$2,950.00	\$50.00	\$2,950.00	\$70.00	\$4,130.00	\$14.58	\$860.22
15	611.3	Type 2 Rock Blanket	C.Y.	536	\$50.00	\$26,800.00	\$48.00	\$25,728.00	\$56.00	\$30,016.00	\$50.00	\$26,800.00	\$75.00	\$40,200.00	\$46.50	\$24,924.00
16	624	Geotextile Fabric	S.Y.	960	\$3.00	\$2,880.00	\$2.00	\$1,920.00	\$1.60	\$1,536.00	\$3.00	\$2,880.00	\$3.00	\$2,880.00	\$3.24	\$3,110.40
17	702	HP 10X42 Structural Steel Piles	L.F.	120	\$90.00	\$10,800.00	\$80.00	\$9,600.00	\$74.00	\$8,880.00	\$40.00	\$4,800.00	\$35.00	\$4,200.00	\$33.26	\$3,991.20
18	702	Pile Point Reinforcement	EACH	10	\$150.00	\$1,500.00	\$125.00	\$1,250.00	\$90.00	\$900.00	\$350.00	\$3,500.00	\$125.00	\$1,250.00	\$2,699.17	\$26,991.70
19	702.4.3	Preboring for Piling	L.F.	105	\$200.00	\$21,000.00	\$205.00	\$21,525.00	\$180.00	\$18,900.00	\$200.00	\$21,000.00	\$170.00	\$17,850.00	\$71.43	\$7,500.15
20	703	Class B-2 Concrete	C.Y.	27.8	\$700.00	\$19,460.00	\$775.00	\$21,545.00	\$575.00	\$15,985.00	\$700.00	\$19,460.00	\$850.00	\$23,630.00	\$416.58	\$11,580.92
21	703	Slab on Concrete I-Girder	S.Y.	210	\$350.00	\$73,500.00	\$345.00	\$72,450.00	\$375.00	\$78,750.00	\$265.00	\$55,650.00	\$475.00	\$99,750.00	\$325.00	\$68,250.00
22	705	Prestressed Concrete Type 6 I-Girders (89'-8 1/2")	EACH	3	\$21,500.00	\$64,500.00	\$22,000.00	\$66,000.00	\$20,000.00	\$60,000.00	\$25,000.00	\$75,000.00	\$25,000.00	\$75,000.00	\$62,224.80	\$186,674.40
23	713	SL-1 Rail on Bridge	L.F.	184	\$55.00	\$10,120.00	\$56.00	\$10,304.00	\$60.00	\$11,040.00	\$55.00	\$10,120.00	\$70.00	\$12,880.00	\$66.32	\$12,202.88
24	715	Vertical Drain at End Bents	EACH	2	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$467.00	\$934.00
25	716.1	Plain Neoprene Bearing Pads	EACH	6	\$125.00	\$750.00	\$150.00	\$900.00	\$180.00	\$1,080.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$210.00	\$1,260.00
SUBTOTAL BRIDGE						\$235,080.00		\$236,120.00		\$233,037.00		\$225,060.00		\$285,970.00		\$348,279.87
TOTAL CONTRACTOR						\$309,705.00		\$322,500.00		\$329,093.60		\$340,215.50		\$378,578.10		\$429,027.78

WORKING DAYS = 110

LIQUIDATED DAMAGES = \$700 PER DAY

Average 11 bidders = \$325,919.88

Note: Text in Red is Bidders error.