

Project: Klondike Road Bridge
 Federal Project #: BRO-B050 (19)
 Bid Opening: June 14, 2016
 Engineer's Estimate: \$584,406.00

Engineers Estimate	KCI Construction Company, Inc. 10315 Lake Bluff Dr. St. Louis, MO 63123	United Bridge Builders, Inc. PO Box 510648 St. Louis, MO 63151	Gershenson Construction Company Inc. 2 Truitt Dr. Eureka, MO 63025	Krupp Construction 415 Old State Road Ellisville, MO 63021	Kozeny-Wagner, Inc. 951 West Outer Road Arnold, MO 63010
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KLONDIKE ROAD BRIDGE BRO-B050 (19)															
ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY ITEMS:															
2013000	Clearing & Grubbing	AC	0.3	\$20,000.00	\$6,000.00	\$20,000.00	\$6,000.00	\$35,000.00	\$10,500.00	\$21,666.67	\$6,500.00	\$21,000.00	\$6,300.00	\$25,000.00	\$7,500.00
2022010	Removal of Improvements	LS	1	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00	\$6,600.00	\$6,600.00	\$20,500.00	\$20,500.00	\$2,100.00	\$2,100.00	\$4,000.00	\$4,000.00
2031000	Class A Excavation	CY	461	\$25.00	\$11,525.00	\$17.00	\$7,837.00	\$14.42	\$6,647.62	\$25.00	\$11,525.00	\$54.00	\$24,894.00	\$11.00	\$5,071.00
2035500	Embankment In Place	CY	431	\$30.00	\$12,930.00	\$40.00	\$17,240.00	\$27.64	\$11,912.84	\$25.75	\$11,098.25	\$35.00	\$15,085.00	\$19.50	\$8,404.50
2036000	Compacting Embankment	CY	392	\$15.00	\$5,880.00	\$7.00	\$2,744.00	\$12.72	\$4,986.24	\$12.25	\$4,802.00	\$17.00	\$6,664.00	\$4.00	\$1,568.00
3040504	Type 5 Aggregate Base (4" Thick)	SY	1036	\$8.00	\$8,288.00	\$6.00	\$6,216.00	\$8.40	\$8,702.40	\$5.50	\$5,698.00	\$10.00	\$10,360.00	\$8.00	\$8,288.00
3101003	Gravel (A) (6" Thick)	SY	169	\$12.00	\$2,028.00	\$8.00	\$1,352.00	\$8.40	\$1,419.60	\$9.25	\$1,563.25	\$25.00	\$4,225.00	\$8.00	\$1,352.00
4011209	Bituminous Pavement Mixture PG64-22 (BP-1)	TON	105	\$85.00	\$8,925.00	\$86.00	\$9,030.00	\$90.00	\$9,450.00	\$85.00	\$8,925.00	\$140.00	\$14,700.00	\$86.00	\$9,030.00
4013000	Bituminous Pavement Mixture PG64-22 (Base)	TON	314	\$80.00	\$25,120.00	\$86.50	\$27,161.00	\$91.00	\$28,574.00	\$85.00	\$20,410.00	\$86.00	\$27,004.00	\$86.50	\$27,161.00
4071005	Tack Coat	GAL	50	\$7.00	\$350.00	\$8.00	\$400.00	\$8.40	\$420.00	\$5.00	\$250.00	\$35.00	\$1,750.00	\$8.00	\$400.00
4081010	Prime-Liquid Asphalt RC 70 OR MC 30	GAL	370	\$7.00	\$2,590.00	\$6.00	\$2,220.00	\$6.30	\$2,331.00	\$5.00	\$1,850.00	\$4.00	\$1,480.00	\$6.00	\$2,220.00
6062204A	Bridge Anchor Section, 6.5 FT. Posts (Safety Barrier Curb)	EACH	4	\$2,000.00	\$8,000.00	\$1,900.00	\$7,600.00	\$1,850.00	\$7,400.00	\$1,850.00	\$7,400.00	\$1,850.00	\$7,400.00	\$1,850.00	\$7,400.00
6062300A	Transition Section, 6.5 FT. Posts	EACH	4	\$500.00	\$2,000.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00	\$600.00	\$2,400.00
6063015	Type A Crashworthy End Terminal	EACH	4	\$2,500.00	\$10,000.00	\$2,300.00	\$9,200.00	\$2,250.00	\$9,000.00	\$2,500.00	\$10,000.00	\$2,250.00	\$9,000.00	\$2,250.00	\$9,000.00
6079902	Removal And Relocation Of Mailbox	EACH	1.0	\$300.00	\$300.00	\$150.00	\$150.00	\$300.00	\$300.00	\$500.00	\$500.00	\$400.00	\$400.00	\$250.00	\$250.00
6079903	Barbed Wire Fence	LF	275	\$10.00	\$2,750.00	\$13.00	\$3,575.00	\$22.40	\$6,160.00	\$12.00	\$3,300.00	\$12.00	\$3,300.00	\$12.00	\$3,300.00
6119905	Slab Boulder Wall	CY	100	\$320.00	\$32,000.00	\$300.00	\$30,000.00	\$433.00	\$43,300.00	\$397.00	\$39,700.00	\$110.00	\$11,000.00	\$550.00	\$55,000.00
6119907	Special Rock Blanket	CY	374	\$80.00	\$29,920.00	\$47.00	\$17,578.00	\$52.36	\$19,582.64	\$67.00	\$25,058.00	\$78.00	\$29,172.00	\$55.00	\$20,570.00
6161030	Construction Signs	SF	184	\$10.00	\$1,840.00	\$12.00	\$2,208.00	\$10.00	\$1,840.00	\$12.00	\$2,208.00	\$12.00	\$2,208.00	\$10.00	\$1,840.00
6161030	Type III Moveable Barricade	EA	4	\$250.00	\$1,000.00	\$150.00	\$600.00	\$150.00	\$600.00	\$150.00	\$600.00	\$600.00	\$2,400.00	\$150.00	\$600.00
6181000	Mobilization	LS	1	\$43,300.00	\$43,300.00	\$69,209.55	\$69,209.55	\$54,000.00	\$54,000.00	\$43,000.00	\$43,000.00	\$42,000.00	\$42,000.00	\$62,400.00	\$62,400.00
6274000	Contractor Furnished Surveying and Staking	LS	1	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	\$5,800.00	\$5,800.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
7250412	12" Pipe Group C	LF	18	\$80.00	\$1,440.00	\$75.00	\$1,350.00	\$15.00	\$270.00	\$75.00	\$1,350.00	\$150.00	\$2,700.00	\$70.00	\$1,260.00
8061019	Silt Fence	LF	590	\$4.00	\$2,360.00	\$5.00	\$2,950.00	\$2.91	\$1,716.90	\$5.00	\$2,950.00	\$4.00	\$2,360.00	\$4.25	\$2,507.50
8069903	Temporary Construction Fence	LF	200	\$6.00	\$1,200.00	\$6.00	\$1,200.00	\$19.00	\$3,800.00	\$5.25	\$1,050.00	\$6.00	\$1,200.00	\$5.50	\$1,100.00
					SUBTOTAL:		\$232,246.00		\$243,020.55		\$246,913.24		\$238,437.50		\$235,102.00
BRIDGE ITEMS:															
2061000	Class 1 Excavation	CY	90.0	\$50.00	\$4,500.00	\$30.00	\$2,700.00	\$44.00	\$3,960.00	\$78.00	\$7,020.00	\$37.00	\$3,330.00	\$56.00	\$5,040.00
2160500	Removal of Bridges	LS	1.0	\$13,440.00	\$13,440.00	\$16,500.00	\$16,500.00	\$18,000.00	\$18,000.00	\$14,000.00	\$14,000.00	\$11,000.00	\$11,000.00	\$39,000.00	\$39,000.00
7021010	Structural Steel Piles (10")	LF	130.0	\$75.00	\$9,750.00	\$65.00	\$8,450.00	\$110.95	\$14,423.50	\$120.00	\$15,600.00	\$85.00	\$11,050.00	\$140.00	\$18,200.00
7026000	Pre-Bore for Piling	LF	100.0	\$110.00	\$11,000.00	\$200.00	\$20,000.00	\$131.00	\$13,100.00	\$150.00	\$15,000.00	\$165.00	\$16,500.00	\$125.00	\$12,500.00
7027000	Pile Point Reinforcement	EA	10.0	\$130.00	\$1,300.00	\$90.00	\$900.00	\$128.00	\$1,280.00	\$100.00	\$1,000.00	\$105.00	\$1,050.00	\$110.00	\$1,100.00
7032003	Class B Concrete (SubStructure)	CY	66.0	\$1,100.00	\$72,600.00	\$515.00	\$33,990.00	\$521.00	\$34,386.00	\$775.00	\$51,150.00	\$850.00	\$56,100.00	\$435.00	\$28,710.00
7034215	Safety Barrier Curb	LF	243.0	\$90.00	\$21,870.00	\$100.00	\$24,300.00	\$91.00	\$22,113.00	\$79.00	\$19,197.00	\$100.00	\$24,300.00	\$90.00	\$21,870.00
7034221	Slab on Concrete NU-Girder	SY	343.0	\$340.00	\$116,620.00	\$260.00	\$89,180.00	\$346.00	\$118,678.00	\$348.00	\$119,364.00	\$320.00	\$109,760.00	\$320.00	\$109,760.00
7056021	NU 35, Prestressed Concrete NU-Girder	LF	371.0	\$240.00	\$89,040.00	\$300.00	\$111,300.00	\$292.00	\$108,332.00	\$269.00	\$99,799.00	\$330.00	\$122,430.00	\$325.00	\$120,575.00
7071000	Conduit System on Structure	LS	1.0	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,150.00	\$2,150.00	\$2,660.00	\$2,660.00	\$3,200.00	\$3,200.00	\$2,660.00	\$2,660.00
7151001	Vertical Drain at End Bents	EA	2.0	\$1,470.00	\$2,940.00	\$1,400.00	\$2,800.00	\$897.00	\$1,794.00	\$2,850.00	\$5,700.00	\$2,000.00	\$4,000.00	\$3,200.00	\$6,400.00
7161000	Plain Neoprene Bearing Pad	EA	8.0	\$200.00	\$1,600.00	\$100.00	\$800.00	\$192.68	\$1,541.44	\$240.00	\$1,920.00	\$230.00	\$1,840.00	\$200.00	\$1,600.00
					SUBTOTAL:		\$347,660.00		\$313,420.00		\$339,757.94		\$352,410.00		\$364,560.00
LANDSCAPING:															
8052000A	Seeding - Warm Season Mixtures	AC	0.3	\$15,000.00	\$4,500.00	\$19,000.00	\$5,700.00	\$7,500.00	\$2,250.00	\$16,666.67	\$5,000.00	\$20,000.00	\$6,000.00	\$18,000.00	\$5,400.00
					SUBTOTAL:		\$4,500.00		\$5,700.00		\$2,250.00		\$6,000.00		\$5,400.00
	PROJECT TOTAL:				\$584,406.00		\$562,140.55		\$588,921.18		\$595,847.50		\$605,662.00		\$618,437.00
										*Shown on Bid	\$594,847.50				