

18E005: East Duck Lake Road over Mason Creek Grand Traverse County - Green Lake Township

Bid Form

PAY ITEM CODE	ITEM	ESTIMATED QUANTITY	UNIT	ENGINEER ESTIMATE		ELMER'S CRANE AND DOZER, INC.		JOHN HENRY EXCAVATING, INC	
				UNIT	EXTENDED	UNIT	EXTENDED	UNIT	EXTENDED
1500001	Mobilization, Max. ____ \$15,000	1	LSUM	15,000.00	15,000.00	6,000.00	6,000.00	15,000.00	15,000.00
2017002	Clearing - Special	3	Sta	1,200.00	3,600.00	2,500.00	7,500.00	2,500.00	7,500.00
2030006	Culv, Rem, 24 inch to 48 inch	2	Ea	5,000.00	10,000.00	2,538.43	5,076.86	5,000.00	10,000.00
2050011	Embankment, CIP	231	Cyd	10.00	2,310.00	11.91	2,751.21	13.00	3,003.00
2060002	Backfill, Structure, CIP	404	Cyd	12.00	4,848.00	13.50	5,454.00	15.00	6,060.00
2060010	Excavation, Fdn	794	Cyd	8.00	6,352.00	12.08	9,591.52	5.00	3,970.00
2080014	Erosion Control, Filter Bag	2	Ea	15.00	30.00	406.60	813.20	150.00	300.00
2080036	Erosion Control, Silt Fence	300	Ft	1.50	450.00	2.33	699.00	2.00	600.00
3020016	Aggregate Base, 6 inch	455	Syd	5.00	2,275.00	8.50	3,867.50	10.00	4,550.00
3070125	Shoulder, CI II, 3 inch	52	Syd	3.00	156.00	9.00	468.00	20.00	1,040.00
5010005	HMA Surface, Rem	371	Syd	1.00	371.00	2.80	1,038.80	5.00	1,855.00
5010703	HMA, LVSP	95	Ton	90.00	8,550.00	120.00	11,400.00	230.00	21,850.00
7050002	Pile Driving Equipment, Furn	1	LSUM	15,000.00	15,000.00	16,000.00	16,000.00	40,000.00	40,000.00
7050011	Pile, Treated Timber, Driven	1100	Ft	6.00	6,600.00	35.00	38,500.00	5.00	5,500.00
7050015	Test Pile, Treated Timber	2	Ea	1,400.00	2,800.00	1,405.09	2,810.18	1,000.00	2,000.00
7097000	Timber Bridge Materials Use Tax	13,127	DLR	1.00	13,127.00	1.00	13,127.00	1.00	13,127.00
7097051	Structure, Timber - Install	1	LSUM	27,500.00	27,500.00	36,000.00	36,000.00	79,500.00	79,500.00
8070000	Guardrail, Type B	38	Ft	17.00	646.00	26.35	1,001.30	25.00	950.00
8070010	Guardrail, Curved, Type B	13	Ft	20.00	260.00	36.90	479.70	35.00	455.00
8070024	Guardrail Anch, Bridge, Det T3	4	Ea	1,500.00	6,000.00	3,004.00	12,016.00	2,850.00	11,400.00
8070042	Guardrail Approach Terminal, Type 2B	3	Ea	1,800.00	5,400.00	3,004.00	9,012.00	2,850.00	8,550.00
8070050	Guardrail Departing Terminal, Type B	1	Ea	600.00	600.00	843.00	843.00	800.00	800.00
8070080	Guardrail Reflector	2	Ea	6.00	12.00	15.00	30.00	15.00	30.00
8120090	Culv, Temp	1	Ea	7,500.00	7,500.00	7,500.00	7,500.00	20,000.00	20,000.00
8127051	Traffic Control	1	LSUM	5,000.00	5,000.00	3,900.00	3,900.00	7,500.00	7,500.00
8130005	Riprap, Heavy	82	Syd	55.00	4,510.00	108.00	8,856.00	125.00	10,250.00
8137031	Riprap - Special	2	Ton	400.00	800.00	150.00	300.00	500.00	1,000.00
8167011	Slope Restoration	765	Syd	4.00	3,060.00	6.50	4,972.50	4.00	3,060.00
TOTAL PRICE				ENGINEER ESTIMATE	\$152,757.00	ELMER'S CRANE AND	\$210,007.77	JOHN HENRY	\$279,850.00
+/- % ENGINEERS ESTIMATE					0.0%	DOZER, INC.	37.5%	EXCAVATING, INC	83.2%

PAY ITEM CODE	ITEM	ESTIMATED QUANTITY	UNIT	ENGINEER ESTIMATE of July 2018		KRENN TIMBER BRIDGE, INC.	
				UNIT	EXTENDED	UNIT	EXTENDED
7097051	Structure, Timber - Deliver*	1	LSUM	175,000.00	175,000.00	192,787.50	192,787.50
7057050	Test Pile, Treated Timber, Furnish	2	Ea			982.80	1,965.60
7050011	Pile, Treated Timber, Furnish	1100	Ft			21.84	24,024.00
TOTAL PRICE				ENGINEER ESTIMATE	\$175,000.00	KRENN TIMBER BRIDGE,	\$218,777.10
+/- % ENGINEERS ESTIMATE					0.0%	INC.	25.0%

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ITEM			ENGINEER'S ESTIMATE	KRENN	ELMER'S
Structure, Timber - Deliver			\$175,000.00	\$218,777.10	
Structure, Timber - Construct			\$152,757.00		\$210,007.77
TOTAL PRICE			\$327,757.00	\$428,784.87	
+/- % ENGINEERS ESTIMATE			0.00%	30.8%	

Oct. 25, 2017 Structure Comparison Estimates -	
Note - These estimates do not include Admin/Engineering	
Concrete Box Culvert	\$275,000
Precast 3-sided Arch	\$500,000
Timber Bridge	\$250,000
Metal Bottomless w/ permanent sheeting	\$350,000

Timber Bridge materials and construction:	\$428,784.87
CRA Administrative Services:	\$12,500.00
Construction Admin/Engineering:	\$25,000.00
	\$466,284.87
Cost Offsets:	
CRA Grant	\$130,000.00
GTB/NRCS Grant	\$170,000.00
Estimated Cost to GTCRC:	\$166,284.87