

CLA - Main / Western Signal Upgrade, PID# 108617

BIDS RECEIVED ON: December 20, 2019

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		ENGINEER'S ESTIMATE				Bansal Construction 3271 Homeward Way Fairfield, OH 45014 Phone (513) 874-5410 Fax (513) 874-1346 bill.shuler@bansalinc.com		Miller Cable Company 210 S. Broadway Green Springs, OH 44836 Phone (419) 639-2091 Fax (419) 639-3824 jchamberlin@millercable.com			
ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY											
202	Regulated Underground Storage Tank Removed	2	EA	\$2,000.00	\$4,000.00	\$6,500.00	\$13,000.00	\$17,500.00	\$35,000.00		
*608	6" Concrete Walk	400	SF	\$25.00	\$10,000.00	\$15.00	\$6,000.00	\$44.00	\$17,600.00		
608	Curb Ramp, As Per Plan	8	EA	\$650.00	\$5,200.00	\$2,000.00	\$16,000.00	\$1,250.00	\$10,000.00		
EROSION CONTROL											
832	Erosion Control	1,000	EA	\$1.00	\$1,000.00	\$1.00	\$1,000.00	\$1.00	\$1,000.00		
TRAFFIC CONTROL											
630	Ground Mounted Support, No. 3 Post	26	FT	\$12.00	\$312.00	\$11.00	\$286.00	\$11.00	\$286.00		
630	Sign Hanger Assembly, Mast Arm, As Per Plan	7	EA	\$300.00	\$2,100.00	\$300.00	\$2,100.00	\$300.00	\$2,100.00		
630	Sign, Flat Sheet, As Per Plan	25	SF	\$30.00	\$750.00	\$25.00	\$625.00	\$25.00	\$625.00		
630	Sign, Street Name, As Per Plan	4	EA	\$250.00	\$1,000.00	\$75.00	\$300.00	\$75.00	\$300.00		
TRAFFIC SIGNALS											
625	Conduit, 2", 725.052	68	FT	\$8.00	\$544.00	\$3.60	\$244.80	\$15.00	\$1,020.00		
625	Conduit, 3", 725.052	62	FT	\$12.00	\$744.00	\$5.45	\$337.90	\$17.00	\$1,054.00		
625	Conduit, Jacked or Drilled, 725.052, 3"	253	FT	\$45.00	\$11,385.00	\$50.00	\$12,650.00	\$45.00	\$11,385.00		
625	Trench	6	FT	\$10.00	\$60.00	\$10.50	\$63.00	\$65.00	\$390.00		
625	Trench in Paved Area, Type A, As Per Plan	96	FT	\$65.00	\$6,240.00	\$75.00	\$7,200.00	\$65.00	\$6,240.00		
625	Pull Box, 725.06, 17"x30"	4	EA	\$900.00	\$3,600.00	\$775.00	\$3,100.00	\$900.00	\$3,600.00		
625	Pull Box, 725.06, 24"x36"	1	EA	\$1,500.00	\$1,500.00	\$1,170.00	\$1,170.00	\$1,700.00	\$1,700.00		
625	Ground Rod	8	EA	\$215.00	\$1,720.00	\$260.00	\$2,080.00	\$165.00	\$1,320.00		
625	Plastic Caution Tape	102	FT	\$0.40	\$40.80	\$0.30	\$30.60	\$0.20	\$20.40		
632	Vehicular Signal Head, (LED), 3-Section, 12" Lens, 1-Way, Polycarbonate, As Per Plan, Black, With Backplate	8	EA	\$980.00	\$7,840.00	\$925.00	\$7,400.00	\$1,000.00	\$8,000.00		
632	Pedestrian Signal Head (LED), Type D2, Countdown, As Per Plan	8	EA	\$625.00	\$5,000.00	\$515.00	\$4,120.00	\$600.00	\$4,800.00		
632	Covering of Vehicular Signal Head	8	EA	\$30.00	\$240.00	\$35.00	\$280.00	\$40.00	\$320.00		
632	Covering of Pedestrian Signal Head	8	EA	\$20.00	\$160.00	\$35.00	\$280.00	\$30.00	\$240.00		
632	Pedestrian Pushbutton	4	EA	\$215.00	\$860.00	\$225.00	\$900.00	\$185.00	\$740.00		

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TRAFFIC SIGNALS, cont.											
632	Signal Cable, 7 Conductor, No. 14 AWG	1,532	FT	\$2.40	\$3,676.80	\$1.90	\$2,910.80	\$3.00	\$4,596.00		
632	Signal Support Foundation	4	EA	\$3,400.00	\$13,600.00	\$4,250.00	\$17,000.00	\$15,000.00	\$60,000.00		
632	Pedestal Foundation	2	EA	\$1,050.00	\$2,100.00	\$1,250.00	\$2,500.00	\$700.00	\$1,400.00		
632	Loop Detector Lead-In Cable	642	FT	\$1.90	\$1,219.80	\$1.75	\$1,123.50	\$1.25	\$802.50		
632	Power Cable, 2 Conductor, No. 6 AWG	50	FT	\$2.75	\$137.50	\$2.30	\$115.00	\$4.00	\$200.00		
632	Service Cable, 3 Conductor, No. 6 AWG	72	FT	\$3.75	\$270.00	\$2.80	\$201.60	\$4.00	\$288.00		
632	Power Service, As Per Plan	1	EA	\$1,500.00	\$1,500.00	\$3,250.00	\$3,250.00	\$150.00	\$150.00		
632	Signal Support, Type TC-81.21, Design 3, As Per Plan	1	EA	\$5,500.00	\$5,500.00	\$7,000.00	\$7,000.00	\$5,100.00	\$5,100.00		
632	Signal Support, Type TC-81.21, Design 11, As Per Plan	1	EA	\$9,500.00	\$9,500.00	\$11,600.00	\$11,600.00	\$9,850.00	\$9,850.00		
632	Combination Signal Support, Type TC-81.21, Design 3, As Per Plan	2	EA	\$6,500.00	\$13,000.00	\$7,550.00	\$15,100.00	\$5,450.00	\$10,900.00		
632	Pedestal, 5', As Per Plan	1	EA	\$720.00	\$720.00	\$2,950.00	\$2,950.00	\$2,750.00	\$2,750.00		
632	Pedestal, 8', As Per Plan	1	EA	\$1,000.00	\$1,000.00	\$3,050.00	\$3,050.00	\$2,650.00	\$2,650.00		
632	Removal of Traffic Signal Installation, As Per Plan	1	EA	\$3,200.00	\$3,200.00	\$4,100.00	\$4,100.00	\$2,900.00	\$2,900.00		
633	Controller Unit, Type TS2/A2, With Cabinet, Type TS2, As Per Plan	1	EA	\$20,000.00	\$20,000.00	\$19,225.00	\$19,225.00	\$16,500.00	\$16,500.00		
633	Cabinet Foundation, As Per Plan	1	EA	\$1,750.00	\$1,750.00	\$1,140.00	\$1,140.00	\$2,850.00	\$2,850.00		
633	Controller Work Pad, As Per Plan	1	EA	\$500.00	\$500.00	\$725.00	\$725.00	\$650.00	\$650.00		
633	Uninterruptible Power Supply (UPS), 1000 Watt, As Per Plan	1	EA	\$5,800.00	\$5,800.00	\$5,875.00	\$5,875.00	\$5,450.00	\$5,450.00		
633	Controller Item, Misc: Video Monitoring Equipment	1	EA	\$27,500.00	\$27,500.00	\$10,500.00	\$10,500.00	\$2,600.00	\$2,600.00		
633	Controller Item, Misc: Preemption System, As Per Plan	1	EA	\$13,000.00	\$13,000.00	\$12,500.00	\$12,500.00	\$10,500.00	\$10,500.00		
633	Controller Item, Misc: Railroad Preemption	1	EA	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$2,600.00	\$2,600.00		
815	Spread Spectrum Radio, As Per Plan, 900MHZ	1	EA	\$5,500.00	\$5,500.00	\$5,250.00	\$5,250.00	\$4,150.00	\$4,150.00		

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TRAFFIC SIGNALS, cont.											
819	Railroad Preemption Interface, As Per Plan: W. Main St. and Western Ave.	1	EA	\$6,500.00	\$6,500.00	\$9,800.00	\$9,800.00	\$8,000.00	\$8,000.00		
MAINTENANCE OF TRAFFIC											
614	Law Enforcement Officer with Patrol Car for Assistance	40	HOUR	\$70.00	\$2,800.00	\$75.00	\$3,000.00	\$70.00	\$2,800.00		
INCIDENTALS											
614	Maintaining Traffic	1	LS	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$25,200.00	\$25,200.00		
623	Construction Layout Stakes and Surveying	1	LS	\$2,250.00	\$2,250.00	\$4,250.00	\$4,250.00	\$2,197.00	\$2,197.00		
1001	Premium for Owner's Protective Insurance	1	LS	\$2,250.00	\$2,250.00	\$750.00	\$750.00	\$3,500.00	\$3,500.00		
1002	Payment Bond	1	LS	\$2,125.00	\$2,125.00	\$1,858.78	\$1,858.78	\$1,676.10	\$1,676.10		
GRAND TOTAL					\$229,694.90		\$239,941.98		\$298,000.00		

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL		
816	Video Detection System, As Per Plan	1	EA	\$23,500.00	\$23,500.00	\$23,725.00	\$23,725.00	\$28,000.00	\$28,000.00		
GRAND TOTAL					\$23,500.00		\$23,725.00		\$28,000.00		

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
816	Video Detection System, As Per Plan (ITERIS)	1	EA	\$27,000.00	\$27,000.00	\$23,725.00	\$23,725.00	\$29,000.00	\$29,000.00		
GRAND TOTAL					\$27,000.00		\$23,725.00		\$29,000.00		