

## CLA - Bechtle Signals, PID 98859 - REBID

BIDS RECEIVED ON: May 19, 2017

PAGE: 1 of 4

				ENGINEER'S ESTIMATE		Bansal Construction, Inc. 3264 Homeward Way Fairfield, OH 45014 Phone (513) 574-5410 Fax (513) 874-1346		Capital Electric Line Builders 3150 Encrete Lane Dayton, OH 45439 Phone (937) 424-2550 Fax (937) 297-1365			
ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
PAVEMENT											
*261	Pavement Restoration, Type D Mod	3	SY	\$475.00	\$1,425.00	\$245.00	\$735.00	\$254.25	\$762.75		
608	4" Concrete Walk	242	SF	\$15.00	\$3,630.00	\$10.00	\$2,420.00	\$13.56	\$3,281.52		
*608	Curb Ramp, As Per Plan	60	SF	\$42.00	\$2,520.00	\$45.00	\$2,700.00	\$45.20	\$2,712.00		
*609	Curb, Type A	102	LF	\$50.00	\$5,100.00	\$45.00	\$4,590.00	\$47.46	\$4,840.92		
TRAFFIC SIGNALS											
625	Conduit, 2", 725.051	104	FT	\$6.00	\$624.00	\$2.60	\$270.40	\$11.56	\$1,202.24		
625	Conduit, 3", 725.051	240	FT	\$7.50	\$1,800.00	\$4.20	\$1,008.00	\$10.05	\$2,412.00		
625	Conduit, 4", 725.051	20	FT	\$10.00	\$200.00	\$5.60	\$112.00	\$9.49	\$189.80		
625	Conduit, Jacked or Drilled, 725.04, 2"	278	FT	\$32.00	\$8,896.00	\$32.00	\$8,896.00	\$27.33	\$7,597.74		
625	Conduit, Jacked or Drilled, 725.04, 3"	152	FT	\$42.00	\$6,384.00	\$36.00	\$5,472.00	\$51.70	\$7,858.40		
625	Conduit, Jacked or Drilled, 725.04, 4"	405	FT	\$48.00	\$19,440.00	\$39.00	\$15,795.00	\$55.87	\$22,627.35		
625	Conduit Cleaned and Cables Removed	1,680	FT	\$1.00	\$1,680.00	\$0.48	\$806.40	\$1.19	\$1,999.20		
625	Trench	237	FT	\$12.00	\$2,844.00	\$9.80	\$2,322.60	\$12.99	\$3,078.63		
625	Pull Box, 725.08, 18"	2	EA	\$750.00	\$1,500.00	\$725.00	\$1,450.00	\$713.84	\$1,427.68		
625	Pull Box, 725.06, 24" x 36"	10	EA	\$1,500.00	\$15,000.00	\$1,100.00	\$11,000.00	\$1,163.26	\$11,632.60		
625	Ground Rod	6	EA	\$180.00	\$1,080.00	\$145.00	\$870.00	\$175.64	\$1,053.84		
630	Sign Hanger Assembly, Mast Arm, As Per Plan	14	EA	\$340.00	\$4,760.00	\$300.00	\$4,200.00	\$339.00	\$4,746.00		
630	Sign, Flat Sheet	112.5	SF	\$21.00	\$2,362.50	\$20.00	\$2,250.00	\$22.60	\$2,542.50		
632	Pedestrian Pushbutton	3	EA	\$220.00	\$660.00	\$150.00	\$450.00	\$221.97	\$665.91		
632	Vehicular Signal Head, (LED), 3-Section, 12" Lens, 1-Way, Polycarbonate, As Per Plan	15	EA	\$815.00	\$12,225.00	\$815.00	\$12,225.00	\$791.33	\$11,869.95		
632	Vehicular Signal Head, (LED), 5-Section, 12" Lens, 1-Way, Polycarbonate, As Per Plan	2	EA	\$1,275.00	\$2,550.00	\$1,165.00	\$2,330.00	\$1,275.78	\$2,551.56		
632	Covering of Vehicular Signal Head	17	EA	\$40.00	\$680.00	\$31.00	\$527.00	\$6.73	\$114.41		
632	Signal Cable, 3 Conductor, No. 10 AWG	391	FT	\$2.25	\$879.75	\$2.10	\$821.10	\$2.93	\$1,145.63		
632	Signal Cable, 5 Conductor, No. 14 AWG	2,940	FT	\$2.25	\$6,615.00	\$1.75	\$5,145.00	\$2.67	\$7,849.80		
632	Signal Cable, 7 Conductor, No. 14 AWG	1,070	FT	\$2.50	\$2,675.00	\$1.95	\$2,086.50	\$2.85	\$3,049.50		

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PAGE: 2 of 4

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
632	Signal Support Foundation, As Per Plan	4	FT	\$4,000.00	\$16,000.00	3,876.00	\$15,504.00	3,605.06	\$14,420.24		
632	Interconnect Misc: Disconnect Existing Cable	7	EA	\$500.00	\$3,500.00	50.00	\$350.00	226.97	\$1,588.79		
632	Strain Pole Foundation	1	EA	\$4,450.00	\$4,450.00	3,880.00	\$3,880.00	3,379.06	\$3,379.06		
632	Loop Detector Lead-In Cable	1,200	FT	\$1.75	\$2,100.00	1.50	\$1,800.00	2.38	\$2,856.00		
632	Power Cable, 3 Conductor, No. 6 AWG	75	FT	\$4.00	\$300.00	3.00	\$225.00	4.09	\$306.75		
632	Power Service, As Per Plan	7	EA	\$2,400.00	\$16,800.00	2,490.00	\$17,430.00	3,071.05	\$21,497.35		
632	Service Cable, 3 Conductor, No. 6 AWG	159	FT	\$3.75	\$596.25	2.95	\$469.05	4.09	\$650.31		
632	Signal Support, Mechanical Damper for TC-81.21 Mast Arm (Greater than 59' in length), As Per Plan	3	EA	\$700.00	\$2,100.00	960.00	\$2,880.00	404.38	\$1,213.14		
632	Signal Support, Type TC-81.21, Design 11, As Per Plan	1	EA	\$9,000.00	\$9,000.00	9,230.00	\$9,230.00	9,820.06	\$9,820.06		
632	Signal Support, Type TC-81.21, Design 14, As Per Plan	3	EA	\$12,500.00	\$37,500.00	12,780.00	\$38,340.00	13,775.06	\$41,325.18		
632	Strain Pole, Type TC-81.10, Design 6, As Per Plan	1	EA	\$4,250.00	\$4,250.00	4,256.00	\$4,256.00	4,037.02	\$4,037.02		
632	Pedestal, 3', Transformer Base	2	EA	\$550.00	\$1,100.00	456.00	\$912.00	991.18	\$1,982.36		
632	Removal of Traffic Signal Installation for Storage, As Per Plan	7	EA	\$1,500.00	\$10,500.00	3,280.00	\$22,960.00	2,418.65	\$16,930.55		
632	Removal of Pedestrian Pushbutton	2	EA	\$100.00	\$200.00	20.00	\$40.00	107.84	\$215.68		
632	Reuse of Controller	2	EA	\$1,000.00	\$2,000.00	500.00	\$1,000.00	888.51	\$1,777.02		
633	Controller Unit, Type TS2/A2, with Cabinet, Type TS2, As Per Plan	6	EA	\$17,500.00	\$105,000.00	17,700.00	\$106,200.00	19,538.06	\$117,228.36		
633	Controller Unit, Type TS2/A2, As Per Plan	1	EA	\$4,500.00	\$4,500.00	3,290.00	\$3,290.00	3,822.47	\$3,822.47		
633	Cabinet Foundation	2	EA	\$1,600.00	\$3,200.00	1,495.00	\$2,990.00	2,036.12	\$4,072.24		
633	Controller Work Pad	2	EA	\$450.00	\$900.00	375.00	\$750.00	975.69	\$1,951.38		
633	Preemption Detector Cable	1,100	FT	\$2.25	\$2,475.00	1.90	\$2,090.00	2.78	\$3,058.00		
633	Uninterruptible Power Supply (UPS), Battery Replacement	1	EA	\$1,500.00	\$1,500.00	1,408.00	\$1,408.00	1,458.67	\$1,458.67		

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PAGE: 3 of 4

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
633	Reuse of Preemption Installation	6	EA	\$850.00	\$5,100.00	550.00	\$3,300.00	549.51	\$3,297.06		
633	Reuse of Uninterruptible Power Supply	1	EA	\$1,000.00	\$1,000.00	1,000.00	\$1,000.00	873.02	\$873.02		
633	Replace Antenna Feed Line	2	EA	\$350.00	\$700.00	500.00	\$1,000.00	441.67	\$883.34		
633	Ethernet Drop Cable	2	EA	\$500.00	\$1,000.00	250.00	\$500.00	1,520.03	\$3,040.06		
633	10/100/1000 Ethernet Switch	7	EA	\$7,200.00	\$50,400.00	7,250.00	\$50,750.00	7,088.17	\$49,617.19		
633	Central Office Monitor (Software)	1	EA	\$96,000.00	\$96,000.00	92,000.00	\$92,000.00	105,685.37	\$105,685.37		
633	Central Office Monitor (Hardware)	1	EA	\$18,000.00	\$18,000.00	15,600.00	\$15,600.00	19,624.57	\$19,624.57		
633	Video Monitoring Equipment	1	EA	\$17,000.00	\$17,000.00	\$17,260.00	\$17,260.00	\$22,065.37	\$22,065.37		
644	Stop Line	18	FT	\$9.50	\$171.00	\$8.65	\$155.70	\$9.77	\$175.86		
644	Crosswalk Line	218	FT	\$7.00	\$1,526.00	\$6.65	\$1,449.70	\$7.51	\$1,637.18		
644	Removal of Pavement Marking	272	FT	\$6.00	\$1,632.00	\$5.95	\$1,618.40	\$6.72	\$1,827.84		
804	Fiber Optic Patch Cord, 1 Fiber	2	EA	\$480.00	\$960.00	\$15.00	\$30.00	\$29.33	\$58.66		
804	Fiber Termination Panel, 6 Fiber	2	EA	\$750.00	\$1,500.00	\$450.00	\$900.00	\$657.34	\$1,314.68		
804	Fiber Termination Panel, 12 Fiber	2	EA	\$800.00	\$1,600.00	\$475.00	\$950.00	\$685.59	\$1,371.18		
804	Slack Installation	8	EA	\$250.00	\$2,000.00	\$125.00	\$1,000.00	\$554.67	\$4,437.36		
804	Fiber Optic Cable Testing	1	LS	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$1,951.37	\$1,951.37		
804	Drop Cable, Armored, 6 Fiber	2,050	FT	\$2.50	\$5,125.00	\$2.95	\$6,047.50	\$4.37	\$8,958.50		
809	CCTV IP-Camera System, Dome-Type	3	EA	\$8,000.00	\$24,000.00	\$7,350.00	\$22,050.00	\$9,029.06	\$27,087.18		
809	ITS Cabinet - Pole Mounted	3	EA	\$5,800.00	\$17,400.00	\$5,670.00	\$17,010.00	\$5,567.37	\$16,702.11		
809	ITS Device, Misc: 70 Foot Pole Support	2	EA	\$35,000.00	\$70,000.00	\$39,780.00	\$79,560.00	\$44,838.51	\$89,677.02		
815	Spread Spectrum Radio, As Per Plan, 900 MHZ	7	EA	\$3,500.00	\$24,500.00	\$3,530.00	\$24,710.00	\$3,780.99	\$26,466.93		
815	Spread Spectrum Radio, As Per Plan, 5.8 GHZ	4	EA	\$4,200.00	\$16,800.00	\$4,000.00	\$16,000.00	\$4,657.87	\$18,631.48		
816	Video Detection System	1	EA	\$22,000.00	\$22,000.00	\$22,975.00	\$22,975.00	\$21,583.05	\$21,583.05		

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PAGE: 4 of 4

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
MISCELLANEOUS											
614	Maintaining Traffic	1	LS	\$22,000.00	\$22,000.00	\$20,000.00	\$20,000.00	\$25,576.87	\$25,576.87		
614	Law Enforcement Officer with Patrol Car for Assistance	40	HR	\$65.00	\$2,600.00	\$55.00	\$2,200.00	\$73.45	\$2,938.00		
623	Construction Layout Stakes and Surveying	1	LS	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$8,787.87	\$8,787.87		
624	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$30,500.00	\$30,500.00	\$6,558.25	\$6,558.25		
1001	Premium for Owner's Protective Insurance	1	LS	1000	\$1,000.00	\$783.00	\$783.00	\$1,921.00	\$1,921.00		
1002	Premium for Contract Performance and Payment Bond	1	LS	7500	\$7,500.00	\$5,900.00	\$5,900.00	\$5,650.00	\$5,650.00		
<b>BASE BID TOTAL</b>					<b>\$776,015.50</b>		<b>\$763,735.35</b>		<b>\$839,200.93</b>		