

**North Carolina Department of Transportation
BID REVIEW**

DATE 9/9/2021
WBS: 0
DESCRIPTION: Signals And Loops
COUNTY: Divison Wide

ITEM	DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		Garrett James Company, LLC			Carolina Power & Signalization, Inc			Watson Electrical Construction, LLC		Fulcher Electric of Fayetteville, Inc		
				UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID		UNIT PRICE	AMOUNT BID		UNIT PRICE	AMOUNT BID	UNIT PRICE	AMOUNT BID	
1	72 HOUR EMERGENCY RESPONSE		4 EA	\$ 2,062.50	\$ 8,250.00	\$ 200.00	\$ 800.00	-90.30%	\$ 3,000.00	\$ 12,000.00	45.45%	\$ 2,000.00	\$ 8,000.00	-7.81%	\$ 3,500.00	\$ 14,000.00
2	PEDESTRIAN SIGNAL HEAD (16", 1SECTION W/COUNTDOWN)		25 EA	\$ 783.80	\$ 19,595.00	\$ 1,000.00	\$ 25,000.00	27.58%	\$ 725.00	\$ 18,125.00	-7.50%	\$ 842.00	\$ 21,050.00	0.23%	\$ 985.00	\$ 24,625.00
3	SIGNAL CABLE		2000 LF	\$ 5.10	\$ 10,200.00	\$ 5.00	\$ 10,000.00	-1.96%	\$ 3.95	\$ 7,900.00	-22.55%	\$ 2.30	\$ 4,600.00	-0.03%	\$ 4.98	\$ 9,960.00
4	VEHICLE SIGNAL HEAD (12", 3 SECTION)		25 EA	\$ 880.00	\$ 22,000.00	\$ 795.00	\$ 19,875.00	-9.66%	\$ 750.00	\$ 18,750.00	-14.77%	\$ 900.00	\$ 22,500.00	0.10%	\$ 850.00	\$ 21,250.00
5	VEHICLE SIGNAL HEAD (12", 4 SECTION)		10 EA	\$ 1,097.30	\$ 10,973.00	\$ 1,180.00	\$ 11,800.00	7.54%	\$ 950.00	\$ 9,500.00	-13.42%	\$ 1,055.00	\$ 10,550.00	-0.36%	\$ 1,175.00	\$ 11,750.00
6	VEHICLE SIGNAL HEAD (12", 5 SECTION)		5 EA	\$ 1,292.50	\$ 6,462.50	\$ 1,280.00	\$ 6,400.00	-0.97%	\$ 1,100.00	\$ 5,500.00	-14.89%	\$ 1,324.00	\$ 6,620.00	0.49%	\$ 1,299.00	\$ 6,495.00
7	BACKPLATE		1 EA	\$ 16.50	\$ 16.50	\$ 200.00	\$ 200.00	1112.12%	\$ 250.00	\$ 250.00	1415.15%	\$ 176.00	\$ 176.00	79.75%	\$ 5.00	\$ 5.00
8	MESSENGER CABLE (1/4")		1500 LF	\$ 2.50	\$ 3,750.00	\$ 3.00	\$ 4,500.00	20.00%	\$ 2.90	\$ 4,350.00	16.00%	\$ 1.20	\$ 1,800.00	-0.03%	\$ 2.99	\$ 4,485.00
9	MESSENGER CABLE (3/8")		1500 LF	\$ 4.50	\$ 6,750.00	\$ 4.20	\$ 6,300.00	-6.67%	\$ 4.00	\$ 6,000.00	-11.11%	\$ 1.70	\$ 2,550.00	-0.04%	\$ 3.75	\$ 5,625.00
10	BORE AND JACK (1,2")		100 LF	\$ 38.50	\$ 3,850.00	\$ 22.00	\$ 2,200.00	-42.86%	\$ 20.00	\$ 2,000.00	-48.05%	\$ 18.00	\$ 1,800.00	-0.93%	\$ 8.00	\$ 800.00
11	BORE AND JACK (2,2")		100 LF	\$ 38.50	\$ 3,850.00	\$ 22.00	\$ 2,200.00	-42.86%	\$ 22.00	\$ 2,200.00	-42.86%	\$ 21.00	\$ 2,100.00	-0.80%	\$ 9.00	\$ 900.00
12	TRACER WIRE		500 LF	\$ 1.10	\$ 550.00	\$ 1.00	\$ 500.00	-9.09%	\$ 0.90	\$ 450.00	-18.18%	\$ 1.10	\$ 550.00	0.00%	\$ 1.00	\$ 500.00
13	PAVED TRENCHING (1,2")		50 LF	\$ 17.60	\$ 880.00	\$ 20.00	\$ 1,000.00	13.64%	\$ 15.00	\$ 750.00	-14.77%	\$ 18.00	\$ 900.00	0.04%	\$ 20.00	\$ 1,000.00
14	PAVED TRENCHING (2,2")		50 LF	\$ 20.70	\$ 1,035.00	\$ 23.00	\$ 1,150.00	11.11%	\$ 18.00	\$ 900.00	-13.04%	\$ 21.00	\$ 1,050.00	0.03%	\$ 10.00	\$ 500.00
15	UNPAVED TRENCHING (1,2")		1000 LF	\$ 9.00	\$ 9,000.00	\$ 9.00	\$ 9,000.00	0.00%	\$ 6.75	\$ 6,750.00	-25.00%	\$ 6.40	\$ 6,400.00	-0.03%	\$ 8.50	\$ 8,500.00
16	UNPAVED TRENCHING (2,2")		2000 LF	\$ 10.10	\$ 20,200.00	\$ 10.00	\$ 20,000.00	-0.99%	\$ 8.00	\$ 16,000.00	-20.79%	\$ 12.90	\$ 25,800.00	0.01%	\$ 9.50	\$ 19,000.00
17	DIRECTIONAL DRILL (1,2")		2000 LF	\$ 23.40	\$ 46,800.00	\$ 15.00	\$ 30,000.00	-35.90%	\$ 18.00	\$ 36,000.00	-23.08%	\$ 18.00	\$ 36,000.00	-0.02%	\$ 18.00	\$ 36,000.00
18	DIRECTIONAL DRILL (2,2")		750 LF	\$ 24.50	\$ 18,375.00	\$ 17.00	\$ 12,750.00	-30.61%	\$ 20.00	\$ 15,000.00	-18.37%	\$ 21.00	\$ 15,750.00	-0.03%	\$ 32.00	\$ 24,000.00
19	JUNCTION BOX (STANDARD SIZE)		25 EA	\$ 376.80	\$ 9,420.00	\$ 375.00	\$ 9,375.00	-0.48%	\$ 285.00	\$ 7,125.00	-24.36%	\$ 209.00	\$ 5,225.00	-1.79%	\$ 385.00	\$ 9,625.00
20	JUNCTION BOX (OVERSIZED, HEAVY DUTY)		3 EA	\$ 453.80	\$ 1,361.40	\$ 800.00	\$ 2,400.00	76.29%	\$ 650.00	\$ 1,950.00	43.23%	\$ 502.00	\$ 1,506.00	2.01%	\$ 650.00	\$ 1,950.00
21	WOOD POLE		15 EA	\$ 1,210.00	\$ 18,150.00	\$ 1,290.00	\$ 19,350.00	6.61%	\$ 1,100.00	\$ 16,500.00	-9.09%	\$ 782.00	\$ 11,730.00	-2.21%	\$ 950.00	\$ 14,250.00
22	GUY ASSEMBLY		15 EA	\$ 442.80	\$ 6,642.00	\$ 420.00	\$ 6,300.00	-5.15%	\$ 325.00	\$ 4,875.00	-26.60%	\$ 380.00	\$ 5,700.00	-1.00%	\$ 425.00	\$ 6,375.00
23	1" RISER WITH WEATHERHEAD		2 EA	\$ 247.50	\$ 495.00	\$ 385.00	\$ 770.00	55.56%	\$ 355.00	\$ 710.00	43.43%	\$ 347.00	\$ 694.00	12.92%	\$ 250.00	\$ 500.00
24	2" RISER WITH WEATHERHEAD		15 EA	\$ 459.30	\$ 6,889.50	\$ 680.00	\$ 10,200.00	48.05%	\$ 455.00	\$ 6,825.00	-0.94%	\$ 432.00	\$ 6,480.00	-0.27%	\$ 625.00	\$ 9,375.00
25	2" RISER WITH HEAT SHRINK TUBING		1 EA	\$ 539.00	\$ 539.00	\$ 650.00	\$ 650.00	20.59%	\$ 555.00	\$ 555.00	2.97%	\$ 672.00	\$ 672.00	20.46%	\$ 480.00	\$ 480.00
26	INDUCTIVE LOOP SAWCUT		10000 LF	\$ 6.10	\$ 61,000.00	\$ 9.00	\$ 90,000.00	47.54%	\$ 6.55	\$ 65,500.00	7.38%	\$ 6.00	\$ 60,000.00	0.00%	\$ 6.88	\$ 68,800.00
27	LEAD-IN CABLE (14-2)		5000 LF	\$ 3.40	\$ 17,000.00	\$ 2.60	\$ 13,000.00	-23.53%	\$ 1.98	\$ 9,900.00	-41.76%	\$ 1.50	\$ 7,500.00	-0.01%	\$ 1.99	\$ 9,950.00
28	COMMUNICATIONS CABLE (12 FIBER)		1000 LF	\$ 2.60	\$ 2,600.00	\$ 3.00	\$ 3,000.00	15.38%	\$ 2.85	\$ 2,850.00	9.62%	\$ 3.45	\$ 3,450.00	0.03%	\$ 4.25	\$ 4,250.00
29	INTERCONNECT CENTER		1 EA	\$ 2,227.50	\$ 2,227.50	\$ 2,000.00	\$ 2,000.00	-10.21%	\$ 2,350.00	\$ 2,350.00	5.50%	\$ 2,855.00	\$ 2,855.00	31.38%	\$ 1,850.00	\$ 1,850.00
30	FIBER-OPTIC TRANSCEIVER, DROP & REPEAT		1 EA	\$ 2,557.50	\$ 2,557.50	\$ 2,500.00	\$ 2,500.00	-2.25%	\$ 4,400.00	\$ 4,400.00	72.04%	\$ 5,508.00	\$ 5,508.00	118.02%	\$ 2,450.00	\$ 2,450.00
31	DELINEATOR MARKER		1 EA	\$ 107.30	\$ 107.30	\$ 150.00	\$ 150.00	39.79%	\$ 125.00	\$ 125.00	16.50%	\$ 150.00	\$ 150.00	28.47%	\$ 100.00	\$ 100.00
32	CABLE TRANSFER		2 EA	\$ 275.00	\$ 550.00	\$ 350.00	\$ 700.00	27.27%	\$ 300.00	\$ 600.00	9.09%	\$ 689.00	\$ 1,378.00	59.14%	\$ 400.00	\$ 800.00
33	METAL STRAIN SIGNAL POLE		4 EA	\$ 11,761.80	\$ 47,047.20	\$ 13,500.00	\$ 54,000.00	14.78%	\$ 13,500.00	\$ 54,000.00	14.78%	\$ 17,506.00	\$ 70,024.00	10.64%	\$ 15,185.00	\$ 60,740.00
34	INSTALL METAL STRAIN SIGNAL POLE (REUSED)		4 EA	\$ 1,622.50	\$ 6,490.00	\$ 4,000.00	\$ 16,000.00	146.53%	\$ 2,000.00	\$ 8,000.00	23.27%	\$ 3,635.00	\$ 14,540.00	12.58%	\$ 1,500.00	\$ 6,000.00
35	INSTALL METAL POLE WITH SINGLE MAST ARM (REUSED)		4 EA	\$ 1,787.50	\$ 7,150.00	\$ 4,200.00	\$ 16,800.00	134.97%	\$ 2,500.00	\$ 10,000.00	39.86%	\$ 4,685.00	\$ 18,740.00	17.25%	\$ 2,000.00	\$ 8,000.00
36	INSTALL METAL POLE WITH DUAL MAST ARM (REUSED)		4 EA	\$ 1,980.00	\$ 7,920.00	\$ 4,400.00	\$ 17,600.00	122.22%	\$ 3,500.00	\$ 14,000.00	76.77%	\$ 5,210.00	\$ 20,840.00	18.35%	\$ 2,000.00	\$ 8,000.00
37	SOIL TEST		15 EA	\$ 1,760.00	\$ 26,400.00	\$ 2,200.00	\$ 33,000.00	25.00%	\$ 1,200.00	\$ 18,000.00	-31.82%	\$ 3,642.00	\$ 54,630.00	5.70%	\$ 1,850.00	\$ 27,750.00
38	DRILLED PIER FOUNDATION		40 CY	\$ 1,017.50	\$ 40,700.00	\$ 1,350.00	\$ 54,000.00	32.68%	\$ 850.00	\$ 34,000.00	-16.46%	\$ 1,111.00	\$ 44,440.00	0.17%	\$ 900.00	\$ 36,000.00
39	METAL STRAIN POLE DESIGN		4 EA	\$ 426.30	\$ 1,705.20	\$ 500.00	\$ 2,000.00	17.29%	\$ 375.00	\$ 1,500.00	-12.03%	\$ 325.00	\$ 1,300.00	-5.07%	\$ 25.00	\$ 100.00
40	MAST ARM WITH METAL POLE DESIGN		4 EA	\$ 426.30	\$ 1,705.20	\$ 700.00	\$ 2,800.00	64.20%	\$ 375.00	\$ 1,500.00	-12.03%	\$ 325.00	\$ 1,300.00	-3.62%	\$ 25.00	\$ 100.00
41	SIGN FOR SIGNALS		5 EA	\$ 299.80	\$ 1,499.00	\$ 385.00	\$ 1,925.00	28.42%	\$ 700.00	\$ 3,500.00	133.49%	\$ 521.00	\$ 2,605.00	11.49%	\$ 850.00	\$ 4,250.00
42	TYPE I POST WITH FOUNDATION		5 EA	\$ 2,000.00	\$ 10,000.00	\$ 1,900.00	\$ 9,500.00	-5.00%	\$ 2,100.00	\$ 10,500.00	5.00%	\$ 1,541.00	\$ 7,705.00	-2.61%	\$ 1,800.00	\$ 9,000.00
43	TYPE II PEDESTAL WITH FOUNDATION		5 EA	\$ 2,785.80	\$ 13,929.00	\$ 2,200.00	\$ 11,000.00	-21.03%	\$ 1,200.00	\$ 6,000.00	-56.92%	\$ 1,847.00	\$ 9,235.00	-2.84%	\$ 2,250.00	\$ 11,250.00
44	TYPE III PEDESTAL WITH FOUNDATION		1 EA	\$ 3,000.00	\$ 3,000.00	\$ 1,350.00	\$ 1,350.00	-55.00%	\$ 850.00	\$ 850.00	-71.67%	\$ 5,229.00	\$ 44,440.00	4.13%	\$ 8,500.00	\$ 8,500.00
45	LED BLANKOUT SIGN		5 EA	\$ 2,300.00	\$ 11,500.00	\$ 3,400.00	\$ 17,000.00	47.83%	\$ 3,200.00	\$ 16,000.00	39.13%	\$ 3,257.00	\$ 16,285.00	5.63%	\$ 2,850.00	\$ 14,250.00
46	RELOCATE EXISTING BLANKOUT SIGN		1 EA	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00	-30.00%	\$ 250.00	\$ 250.00	-75.00%	\$ 658.00	\$ 658.00	-48.86%	\$ 250.00	\$ 250.00
47	SIGNAL CABINET FOUNDATION		4 EA	\$ 1,237.50	\$ 4,950.00	\$ 1,200.00	\$ 4,800.00	-3.03%	\$ 750.00	\$ 3,000.00	-39.39%	\$ 927.00	\$ 3,708.00	-6.47%	\$ 1,250.00	\$ 5,000.00
48	CONTROLLER WITH CABINET (TYPE 2070E, BASE MOUNTED)		1 EA	\$ 13,500.00	\$ 13,500.00	\$ 14,300.00	\$ 14,300.00	5.93%	\$ 14,500.00	\$ 14,500.00	7.41%	\$ 17,720.00	\$ 17,720.00	29.51%	\$ 15,005.98	\$ 15,005.98
49	CONTROLLER WITH CABINET (TYPE 2070E, POLE MOUNTED)		1 EA	\$ 13,500.00	\$ 13,500.00	\$ 12,600.00	\$ 12,600.00	-6.67%	\$ 13,500.00	\$ 13,500.00	0.00%	\$ 16,660.00	\$ 16,660.00	25.08%	\$ 5,800.00	\$ 5,800.00
50	CONTROLLER WITH CABINET (TYPE 2070LX, BASE MOUNTED)		1 EA	\$ 11,500.00	\$ 11,500.00	\$ 14,400.00	\$ 14,400.00	25.22%	\$ 14,500.00	\$ 14,500.00	26.09%	\$ 17,630.00	\$ 17,630.00	42.57%	\$ 15,005.98	\$ 15,005.98
51	CONTROLLER WITH CABINET (TYPE 2070LX, POLE MOUNTED)		1 EA	\$ 11,500.00	\$ 11,500.00	\$ 12,900.00	\$ 12,900.00	12.17%	\$ 13,500.00	\$ 13,500.00	17.39%	\$ 15,570.00	\$ 15,570.00	31.55%	\$ 5,800.00	\$ 5,800.00
52	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2070LXN2 CONTI)		1 EA	\$ 15,000.00	\$ 15,000.00	\$ 24,500.00	\$ 24,500.00	63.33%	\$ 21,000.00	\$ 21,000.00	40.00%	\$ 16,135.00	\$ 16,135.00	4.63%	\$ 25,175.00	\$ 25,175.00
53	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2070LXN2 CONTI)		1 EA	\$ 15,000.00	\$ 15,000.00	\$ 23,000.00	\$ 23,000.00	53.33%	\$ 21,000.00	\$ 21,000.00	40.00%	\$ 26,098.00	\$ 26,098.00	48.25%	\$ 1,000.00	\$ 1,000.00
BIDTOTAL				\$	587,071.80	\$	673,695.00		\$	574,940.00		\$	662,096.00		\$	592,126.96
% DIFFERENCE							14.76%			-2.07%			12.78%			0.86%

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