

<b>Division 12</b> Alexander, Catawba, Cleveland, Gaston, Iredell & Lincoln County On-call Repair, Maintenance & Installation of ITS Systems & Traffic Signals WBS: 12.1002SM, 12.1018SM, 12.1023SM, 12.1036SM, ETC. <b>Bid Tabulations</b> Bids Opened: Tuesday October 27, 2020 at 2:00 pm					<b>Bryant Electric Repair &amp; Construction Co.</b>		<b>Garrett James Company, LLC</b>		<b>Haynes Electric Utility a Division of MB Haynes Corp.</b>		<b>Traffic Control Devices, Inc.</b>		<b>ALS of North Carolina, Inc.</b>	
LINE	SECTION	ITEM DESCRIPTION	QUANTITY	UNIT	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid
1	SP	Emergency Mobilization	10	EA	\$2,500.00	\$25,000.00	\$1,500.00	\$15,000.00	\$1,250.00	\$12,500.00	\$1,930.00	\$19,300.00	\$2,000.00	\$20,000.00
2	1705	Vehicle Signal Head (12", 3-section)	75	EA	\$775.00	\$58,125.00	\$670.00	\$50,250.00	\$750.00	\$56,250.00	\$765.00	\$57,375.00	\$733.00	\$54,975.00
3	1705	Vehicle Signal Head (12", 4-section)	20	EA	\$900.00	\$18,000.00	\$800.00	\$16,000.00	\$900.00	\$18,000.00	\$912.00	\$18,240.00	\$976.00	\$19,520.00
4	1705	Vehicle Signal Head (12", 5-section)	3	EA	\$1,150.00	\$3,450.00	\$1,200.00	\$3,600.00	\$1,100.00	\$3,300.00	\$1,100.00	\$3,300.00	\$1,150.00	\$3,450.00
5	1705	Modify Existing Signal Head	20	EA	\$50.00	\$1,000.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00	\$312.00	\$6,240.00	\$200.00	\$4,000.00
6	SP	Removal of Vehicle Signal Head / Pedestrian Signal Head	60	EA	\$50.00	\$3,000.00	\$75.00	\$4,500.00	\$100.00	\$6,000.00	\$155.00	\$9,300.00	\$75.00	\$4,500.00
7	SP	Remove and Replace Vehicle Signal Head Single LED (Red, Yellow, Green or Arrow)	100	EA	\$87.00	\$8,700.00	\$75.00	\$7,500.00	\$90.00	\$9,000.00	\$126.00	\$12,600.00	\$140.00	\$14,000.00
8	1705	Signal Cable	15,000	LF	\$2.60	\$39,000.00	\$2.75	\$41,250.00	\$2.50	\$37,500.00	\$3.00	\$45,000.00	\$3.28	\$49,200.00
9	SP	Removal of Signal Cable From Messenger Wire	500	LF	\$1.00	\$500.00	\$1.50	\$750.00	\$1.50	\$750.00	\$1.43	\$715.00	\$1.50	\$750.00
10	1706	Backplate	25	EA	\$160.00	\$4,000.00	\$185.00	\$4,625.00	\$200.00	\$5,000.00	\$210.00	\$5,250.00	\$150.00	\$3,750.00
11	1710	Messenger Cable (1/4")	500	LF	\$3.00	\$1,500.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$1.92	\$960.00	\$3.00	\$1,500.00
12	1710	Messenger Cable (3/8")	5,000	LF	\$3.50	\$17,500.00	\$4.00	\$20,000.00	\$4.00	\$20,000.00	\$3.45	\$17,250.00	\$3.00	\$15,000.00
13	SP	Removal of Messenger Cable W/ Conductor Attached	2,500	LF	\$0.50	\$1,250.00	\$2.00	\$5,000.00	\$2.00	\$5,000.00	\$1.43	\$3,575.00	\$1.00	\$2,500.00
14	1715	Unpaved Trenching (1, 2")	1,500	LF	\$8.00	\$12,000.00	\$7.00	\$10,500.00	\$8.00	\$12,000.00	\$8.36	\$12,540.00	\$6.20	\$9,300.00
15	1715	Unpaved Trenching (2, 2")	250	LF	\$9.10	\$2,275.00	\$8.25	\$2,062.50	\$10.00	\$2,500.00	\$10.00	\$2,500.00	\$11.00	\$2,750.00
16	1715	Paved Trenching (2, 2")	100	LF	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$11.75	\$1,175.00	\$50.00	\$5,000.00
17	1716	Junction Box (Std. Size)	50	EA	\$350.00	\$17,500.00	\$800.00	\$40,000.00	\$375.00	\$18,750.00	\$475.00	\$23,750.00	\$425.00	\$21,250.00
18	1720	Wood Pole 35' - Class 3	10	EA	\$600.00	\$6,000.00	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$890.00	\$8,900.00
19	1720	Wood Pole 40' - Class 3	25	EA	\$1,200.00	\$30,000.00	\$1,200.00	\$30,000.00	\$1,000.00	\$25,000.00	\$1,360.00	\$34,000.00	\$1,020.00	\$25,500.00
20	1720	Wood Pole 45', 50', 55' - Class 3	3	EA	\$1,200.00	\$3,600.00	\$1,400.00	\$4,200.00	\$1,650.00	\$4,950.00	\$1,365.00	\$4,095.00	\$1,400.00	\$4,200.00
21	SP	Wood Pole Removal (Including all Attachments)	20	EA	\$250.00	\$5,000.00	\$400.00	\$8,000.00	\$400.00	\$8,000.00	\$340.00	\$6,800.00	\$350.00	\$7,000.00
22	1721	Guy Assembly (Plastic Guard Required)	40	EA	\$450.00	\$18,000.00	\$400.00	\$16,000.00	\$400.00	\$16,000.00	\$615.00	\$24,600.00	\$700.00	\$28,000.00
23	SP	Guy Assembly, without Anchor (Plastic Guard Required)	5	EA	\$300.00	\$1,500.00	\$200.00	\$1,000.00	\$200.00	\$1,000.00	\$335.00	\$1,675.00	\$200.00	\$1,000.00
24	SP	Guy Anchor	20	EA	\$300.00	\$6,000.00	\$250.00	\$5,000.00	\$200.00	\$4,000.00	\$305.00	\$6,100.00	\$320.00	\$6,400.00
25	1722	1" Riser W/ Weatherhead	20	EA	\$370.00	\$7,400.00	\$285.00	\$5,700.00	\$375.00	\$7,500.00	\$355.00	\$7,100.00	\$250.00	\$5,000.00
26	1722	2" Riser with Weatherhead	40	EA	\$510.00	\$20,400.00	\$425.00	\$17,000.00	\$425.00	\$17,000.00	\$750.00	\$30,000.00	\$725.00	\$29,000.00
27	1725	Inductive Loop Sawcut	10,000	LF	\$9.50	\$95,000.00	\$7.00	\$70,000.00	\$8.50	\$85,000.00	\$9.55	\$95,500.00	\$8.00	\$80,000.00
28	1726	Lead-In Cable (14-2)	15,000	LF	\$1.55	\$23,250.00	\$2.00	\$30,000.00	\$2.00	\$30,000.00	\$2.20	\$33,000.00	\$1.75	\$26,250.00
29	1735	Cable Transfers	30	EA	\$500.00	\$15,000.00	\$250.00	\$7,500.00	\$400.00	\$12,000.00	\$445.00	\$13,350.00	\$345.00	\$10,350.00
30	1736	900 MHZ Serial Spread Spectrum Radio	2	EA	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00	\$4,000.00	\$8,000.00	\$2,535.00	\$5,070.00	\$3,500.00	\$7,000.00
31	1736	900 MHZ Serial / Ethernet Spread Spectrum Radio	2	EA	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00	\$4,000.00	\$8,000.00	\$2,535.00	\$5,070.00	\$3,500.00	\$7,000.00

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LINE	SECTION	ITEM DESCRIPTION	QUANTITY	UNIT	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid
32	SP	Modify Radio Installation	3	EA	\$300.00	\$900.00	\$1,000.00	\$3,000.00	\$500.00	\$1,500.00	\$400.00	\$1,200.00	\$1,296.65	\$3,889.95
33	SP	New Electrical Service	8	EA	\$1,110.00	\$8,880.00	\$1,300.00	\$10,400.00	\$1,000.00	\$8,000.00	\$1,660.00	\$13,280.00	\$1,450.00	\$11,600.00
34	1743	Type II Pedestal W/ Foundation	12	EA	\$1,800.00	\$21,600.00	\$2,000.00	\$24,000.00	\$1,500.00	\$18,000.00	\$1,858.00	\$22,296.00	\$2,010.00	\$24,120.00
35	1745	Sign for Signals	5	EA	\$375.00	\$1,875.00	\$300.00	\$1,500.00	\$350.00	\$1,750.00	\$290.00	\$1,450.00	\$360.00	\$1,800.00
36	SP	Sign for Signals (NCDOT Furnished)	25	EA	\$50.00	\$1,250.00	\$175.00	\$4,375.00	\$100.00	\$2,500.00	\$155.00	\$3,875.00	\$125.00	\$3,125.00
37	SP	Removal of Sign for Signals	15	EA	\$25.00	\$375.00	\$50.00	\$750.00	\$100.00	\$1,500.00	\$78.00	\$1,170.00	\$50.00	\$750.00
38	1750	Signal Cabinet Foundation	5	EA	\$1,300.00	\$6,500.00	\$1,000.00	\$5,000.00	\$1,250.00	\$6,250.00	\$2,070.00	\$10,350.00	\$1,600.00	\$8,000.00
39	SP	Install Grounding Systems	5	EA	\$600.00	\$3,000.00	\$400.00	\$2,000.00	\$400.00	\$2,000.00	\$455.00	\$2,275.00	\$800.00	\$4,000.00
40	SP	Removal of Existing Cabinet	8	EA	\$200.00	\$1,600.00	\$600.00	\$4,800.00	\$500.00	\$4,000.00	\$175.00	\$1,400.00	\$300.00	\$2,400.00
41	1751	Controller W/ Cabinet - Type 2070L, Base or Pole Mounted	8	EA	\$12,500.00	\$100,000.00	\$12,000.00	\$96,000.00	\$12,500.00	\$100,000.00	\$12,985.00	\$103,880.00	\$12,500.00	\$100,000.00
42	1751	Detector Card (2070L)	20	EA	\$125.00	\$2,500.00	\$100.00	\$2,000.00	\$125.00	\$2,500.00	\$160.00	\$3,200.00	\$100.00	\$2,000.00
43	1752	Modify Foundation for Controller Cabinet	3	EA	\$300.00	\$900.00	\$425.00	\$1,275.00	\$1,000.00	\$3,000.00	\$270.00	\$810.00	\$900.00	\$2,700.00
44	1753	Cabinet Base Adapter	8	EA	\$300.00	\$2,400.00	\$375.00	\$3,000.00	\$400.00	\$3,200.00	\$325.00	\$2,600.00	\$590.00	\$4,720.00
45	1753	Cabinet Base Extender	12	EA	\$350.00	\$4,200.00	\$375.00	\$4,500.00	\$400.00	\$4,800.00	\$360.00	\$4,320.00	\$700.00	\$8,400.00
46	1755	Beacon Control Assembly and Cabinet (F-1 F-2 or F-3)	2	EA	\$1,000.00	\$2,000.00	\$4,200.00	\$8,400.00	\$4,000.00	\$8,000.00	\$4,890.00	\$9,780.00	\$4,400.00	\$8,800.00
47	1705	Pedestrian Signal Head, (16", 1 Section)	4	EA	\$500.00	\$2,000.00	\$1,200.00	\$4,800.00	\$500.00	\$2,000.00	\$2,680.00	\$10,720.00	\$1,040.00	\$4,160.00
48	1715	Tracer Wire	500	LF	\$0.25	\$125.00	\$1.00	\$500.00	\$1.00	\$500.00	\$0.72	\$360.00	\$0.75	\$375.00
49	1715	Unpaved Trenching (1,1")	200	LF	\$4.00	\$800.00	\$8.00	\$1,600.00	\$7.00	\$1,400.00	\$5.70	\$1,140.00	\$6.50	\$1,300.00
50	1715	Unpaved Trenching (2,1")	200	LF	\$4.75	\$950.00	\$9.00	\$1,800.00	\$9.00	\$1,800.00	\$6.74	\$1,348.00	\$8.00	\$1,600.00
51	1715	Paved Trenching (1, 1")	100	LF	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$7.65	\$765.00	\$50.00	\$5,000.00
52	1715	Paved Trenching (2, 1")	100	LF	\$10.50	\$1,050.00	\$21.00	\$2,100.00	\$20.00	\$2,000.00	\$8.59	\$859.00	\$50.00	\$5,000.00
53	1715	Paved Trenching (1,2")	100	LF	\$11.00	\$1,100.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$9.90	\$990.00	\$50.00	\$5,000.00
54	1715	Directional Drilling (1, 2")	150	LF	\$20.00	\$3,000.00	\$23.00	\$3,450.00	\$20.00	\$3,000.00	\$13.60	\$2,040.00	\$20.00	\$3,000.00
55	1715	Directional Drilling (2, 2")	250	LF	\$19.00	\$4,750.00	\$24.00	\$6,000.00	\$25.00	\$6,250.00	\$15.55	\$3,887.50	\$21.00	\$5,250.00
56	1715	Bore & Jack (1,2")	200	LF	\$21.00	\$4,200.00	\$20.00	\$4,000.00	\$30.00	\$6,000.00	\$17.75	\$3,550.00	\$52.00	\$10,400.00
57	1716	Junction Box (Oversized)	5	EA	\$500.00	\$2,500.00	\$725.00	\$3,625.00	\$500.00	\$2,500.00	\$655.00	\$3,275.00	\$540.00	\$2,700.00
58	SP	Guy Assemble Removal	25	EA	\$25.00	\$625.00	\$125.00	\$3,125.00	\$100.00	\$2,500.00	\$145.00	\$3,625.00	\$192.00	\$4,800.00
59	1722	1/2" Riser w/ Weatherhead	25	EA	\$150.00	\$3,750.00	\$200.00	\$5,000.00	\$300.00	\$7,500.00	\$297.00	\$7,425.00	\$421.41	\$10,535.25
60	1722	Heat Shrink Tubing Retrofit Kit	5	EA	\$20.00	\$100.00	\$120.00	\$600.00	\$300.00	\$1,500.00	\$138.00	\$690.00	\$145.78	\$728.90
61	1722	2" Riser with Tubing	3	EA	\$450.00	\$1,350.00	\$415.00	\$1,245.00	\$500.00	\$1,500.00	\$665.00	\$1,995.00	\$553.55	\$1,660.65
62	1730	Communications Cable (24 or Less Fiber)	250	LF	\$4.00	\$1,000.00	\$3.00	\$750.00	\$3.00	\$750.00	\$2.21	\$552.50	\$2.61	\$652.50
63	SP	Triplexed Cable	50	LF	\$5.00	\$250.00	\$6.00	\$300.00	\$5.00	\$250.00	\$3.00	\$150.00	\$23.58	\$1,179.00
64	1730	Drop Cable	200	LF	\$3.00	\$600.00	\$3.00	\$600.00	\$2.00	\$400.00	\$2.22	\$444.00	\$2.61	\$522.00
65	1731	Interconnect Center	2	EA	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00	\$1,750.00	\$3,500.00	\$1,575.00	\$3,150.00	\$1,644.90	\$3,289.80
66	1731	Splice Enclosure	2	EA	\$1,500.00	\$3,000.00	\$2,400.00	\$4,800.00	\$1,750.00	\$3,500.00	\$1,910.00	\$3,820.00	\$1,980.30	\$3,960.60
67	1731	Modify Splice Enclosure	1	EA	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$1,250.00	\$1,250.00	\$1,435.00	\$1,435.00	\$1,507.30	\$1,507.30
68	1743	Type I Post w/ Foundation	2	EA	\$1,250.00	\$2,500.00	\$1,800.00	\$3,600.00	\$1,000.00	\$2,000.00	\$1,345.00	\$2,690.00	\$1,064.04	\$2,128.08
69	1743	Type III Pedestal w/ Foundation	2	EA	\$3,000.00	\$6,000.00	\$3,800.00	\$7,600.00	\$1,750.00	\$3,500.00	\$3,075.00	\$6,150.00	\$5,105.56	\$10,211.12

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LINE	SECTION	ITEM DESCRIPTION	QUANTITY	UNIT	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid	Unit Bid	Amount Bid
70	1747	LED Blankout Sign	4	EA	\$2,000.00	\$8,000.00	\$3,500.00	\$14,000.00	\$3,500.00	\$14,000.00	\$3,075.00	\$12,300.00	\$3,338.32	\$13,353.28
71	1747	Relocate Existing Blankout Sign	2	EA	\$400.00	\$800.00	\$1,200.00	\$2,400.00	\$250.00	\$500.00	\$300.00	\$600.00	\$109.20	\$218.40
72	SP	Removal of Existing Concrete Cabinet Fnd.	5	CYD	\$250.00	\$1,250.00	\$200.00	\$1,000.00	\$750.00	\$3,750.00	\$378.00	\$1,890.00	\$369.47	\$1,847.35
73	SP	Remove & Replace Misc. Concrete	10	EA	\$400.00	\$4,000.00	\$420.00	\$4,200.00	\$200.00	\$2,000.00	\$925.00	\$9,250.00	\$838.22	\$8,382.20
74	1757	Traffic Signal Removal	2	EA	\$500.00	\$1,000.00	\$1,800.00	\$3,600.00	\$2,500.00	\$5,000.00	\$3,235.00	\$6,470.00	\$2,848.07	\$5,696.14
75	SP	Install / Replace Vehicle Motion Detector Sys.	2	EA	\$500.00	\$1,000.00	\$2,000.00	\$4,000.00	\$7,500.00	\$15,000.00	\$1,290.00	\$2,580.00	\$15,551.12	\$31,102.24
76	SP	Fiber Optic Trouble Shooting	5	HR	\$100.00	\$500.00	\$250.00	\$1,250.00	\$200.00	\$1,000.00	\$166.00	\$830.00	\$247.80	\$1,239.00
77	1705	Vehicle Signal Head (12", 1 Section)	10	EA	\$250.00	\$2,500.00	\$385.00	\$3,850.00	\$400.00	\$4,000.00	\$550.00	\$5,500.00	\$429.72	\$4,297.20
<b>Engineer's Estimate: \$ 685,160.00</b>					<b>\$680,380.00</b> <b>Bryant Electric Repair &amp; Const. Co.</b>		<b>\$718,032.50</b>		<b>\$720,350.00</b>		<b>\$797,797.00</b>		<b>\$814,445.96</b>	