

CONTRACT I.D.:DN11885006		PROJECT DESCRIPTION: SIGNAL REPAIR AND MAINTENANCE				
		PROJECT LOCATION: VARIOUS LOCATIONS THROUGHOUT ALL 10 COUNTIES IN DIVISION 14				
WBS ELEMENT: 14.1020SM, ETC..		TIP NO. N/A			FED. AID NO.: TO BE DETERMINED	
LET DATE: 4/9/2019		LET TIME: 2:00 PM			ENGINEER'S ESTIMATE: \$ 1,433,522.00	
		HAYNES ELECTRIC UTILITY CORPORATION				
		-23.3% ASHEVILLE, NC				
No.	Section	Item	Quantity	Unit	Unit price	Amount
1	800	MOBILIZATION	100	EA	\$ 500.00	\$ 50,000.00
2	SP	Metal Pole MOBILIZATION	15	EA	\$ 500.00	\$ 7,500.00
3	SP	EMERGENCY MOBILIZATION	15	EA.	\$ 1,000.00	\$ 15,000.00
4	1098	Furnish & Install Electrical Service	20	EA.	\$ 500.00	\$ 10,000.00
5	903	Supports, Wood (6X6X8)	30	EA.	\$ 75.00	\$ 2,250.00
6	1098	Modify Electrical Service	5	EA.	\$ 300.00	\$ 1,500.00
7	1705	VEHICLE SIG HEAD (8", 3 SECTION) (DOT Supplied)	5	EA.	\$ 100.00	\$ 500.00
8	1705	VEHICLE SIG HEAD (12", 3 SECTION) (DOT Supplied)	100	EA.	\$ 250.00	\$ 25,000.00
9	1705	VEHICLE SIG HEAD (12", 5 SECTION) (DOT Supplied)	5	EA.	\$ 250.00	\$ 1,250.00
10	1705	VEHICLE SIG HEAD (12", 4 SECTION) (DOT Supplied)	20	EA.	\$ 250.00	\$ 5,000.00
11	1705	PEDESTRIAN SIGNAL HEAD (DOT Supplied)	30	EA.	\$ 500.00	\$ 15,000.00
12	1706	BACKPLATE (DOT Supplied)	10	EA.	\$ 50.00	\$ 500.00
13	1705	SIGNAL CABLE (16-7)	30000	LFT.	\$ 2.50	\$ 75,000.00
14	1710	MESSENGER CABLE (3/8")	3000	LFT	\$ 3.00	\$ 9,000.00
15	1715	DIRECTIONAL DRILL (1, 2")	1000	LFT	\$ 13.00	\$ 13,000.00
16	1715	DIRECTIONAL DRILL (2,2")	1000	LFT	\$ 17.00	\$ 17,000.00
17	1715	DIRECTIONAL DRILL (3,2")	1000	LFT	\$ 22.00	\$ 22,000.00
18	1715	TRENCHING (UNPAVED)	5000	LFT	\$ 8.00	\$ 40,000.00
19	1715	TRACER WIRE	6000	LFT	\$ 0.50	\$ 3,000.00
20	1715	TRENCHING (PAVED)	500	LFT	\$ 20.00	\$ 10,000.00
21	1716	JUNCTION BOX (STANDARD)	100	EA.	\$ 275.00	\$ 27,500.00
22	1716	JB (OVERSIZED, HEAVY DUTY)	10	EA.	\$ 400.00	\$ 4,000.00
23	1720	WOOD POLE (35', CLASS 3)	60	EA.	\$ 700.00	\$ 42,000.00
24	1720	WOOD POLE (40', CLASS 3)	10	EA.	\$ 1,200.00	\$ 12,000.00
25	1720	WOOD POLE (45', CLASS 3)	10	EA.	\$ 1,200.00	\$ 12,000.00
26	1721	GUY ASSEMBLY	200	EA.	\$ 250.00	\$ 50,000.00
27	1721	SIDE WALK GUY ASSEMBLY	10	EA.	\$ 300.00	\$ 3,000.00
28	1722	1" RISER W/ WEATHERHEAD	40	EA.	\$ 250.00	\$ 10,000.00
29	1722	2" RISER W/ WEATHERHEAD	60	EA.	\$ 350.00	\$ 21,000.00
30	1725	INDUCTIVE LOOP SAWCUT	10000	LFT	\$ 8.00	\$ 80,000.00
31	1726	LEAD-IN CABLE (#18-4, AERIAL)	5000	LFT	\$ 2.00	\$ 10,000.00
32	1726	LEAD-IN CABLE(#18-4, BURIED)	5000	LFT	\$ 2.00	\$ 10,000.00
33	1735	POLE / CABLE TRANSFER	30	EA.	\$ 250.00	\$ 7,500.00
34	1743	SIGNAL PEDESTAL WITH FOUNDATION	30	EA.	\$ 1,300.00	\$ 39,000.00
35	1745	SIGN FOR SIGNALS(DOT Supplied)	30	EA.	\$ 100.00	\$ 3,000.00
36	1746	RELOCATE EXISTING SIGN (S)	40	EA.	\$ 100.00	\$ 4,000.00
37	1750	SIGNAL CABINET FOUNDATION	30	EA.	\$ 1,000.00	\$ 30,000.00
38	1751	INSTALL BASE MOUNT CABINET(DOT Supplied)	30	EA.	\$ 800.00	\$ 24,000.00
39	1751	INSTALL POLE MOUNT CABINET(DOT Supplied)	30	EA.	\$ 300.00	\$ 9,000.00
40	1755	INSTALL FLASHER CABINET(DOT Supplied)	30	EA.	\$ 500.00	\$ 15,000.00
41	1705	12" VEHICLE SIGNAL HEAD ( 1-Section )(DOT Supplied)	30	EA.	\$ 175.00	\$ 5,250.00
42	1751	INSTALL DETECTOR CARD (DOT Supplied)	20	EA.	\$ 10.00	\$ 200.00
43	1753	CABINET BASE EXTENDER / ADAPTER(DOT Supplied)	30	EA.	\$ 75.00	\$ 2,250.00
44	1747	LED BLANKOUT SIGN(DOT Supplied)	10	EA.	\$ 200.00	\$ 2,000.00
45	SP	Set DOT WOOD POLE(DOT Supplied)	10	EA.	\$ 300.00	\$ 3,000.00
46	SP	Install DOT METAL POLE(DOT Supplied)	10	EA.	\$ 900.00	\$ 9,000.00
47	SP	INSTALL DOT METAL POLE WITH MAST ARM(DOT Supplied)	10	EA.	\$ 1,500.00	\$ 15,000.00
48	SP	SOIL TEST	30	EA.	\$ 900.00	\$ 27,000.00
49	SP	METAL POLE REMOVAL	10	EA.	\$ 750.00	\$ 7,500.00
50	SP	DRILLED PIER FOUNDATION	30	CYD	\$ 750.00	\$ 22,500.00
51	SP	METAL POLE FOUNDATION REMOVAL	2	EA.	\$ 2,000.00	\$ 4,000.00
52	1736	900 MHZ WIRELESS REPEATER STANDALONE Radio	10	EA.	\$ 3,500.00	\$ 35,000.00

53	1736	900 MHZ RADIO SYSTEM	10	EA.	\$ 3,000.00	\$ 30,000.00
54	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	10	TON	\$ 200.00	\$ 2,000.00
55	710	4" PORTLAND CEM CONC PVMT, W/O DOWELS	10	SYD	\$ 200.00	\$ 2,000.00
56	610	ACSC, TYPE S9.5B	10	TON	\$ 200.00	\$ 2,000.00
57	225	UNCLASS EXCAV-ROCK	10	CYD	\$ 1,000.00	\$ 10,000.00
58	225	UNCLASS EXCAV-SOIL	10	CYD	\$ 50.00	\$ 500.00
59	SP	REMOVE CABINET BASE	10	EA.	\$ 500.00	\$ 5,000.00
60	SP	REMOVE TRAFFIC SIGNAL CABINET	10	EA.	\$ 500.00	\$ 5,000.00
61	SP	REMOVE & DISPOSE MESSENGER & SIGNAL CABLE	5000	LFT	\$ 1.00	\$ 5,000.00
62	SP	REMOVE SIGNAL HEAD	20	EA.	\$ 100.00	\$ 2,000.00
63	SP	RELOCATE WOOD POLE	10	EA.	\$ 700.00	\$ 7,000.00
64	SP	REMOVE WOOD POLE	15	EA.	\$ 300.00	\$ 4,500.00
65	1752-4	CONDUIT ENTRANCE INTO EXISTING Foundation	5	EA.	\$ 400.00	\$ 2,000.00
66	1754-4	MODIFY FOUNDATION FOR CONTROLLER Cabinet	5	EA.	\$ 400.00	\$ 2,000.00
67	1705	INSTALL LED IN EXISTING SIGNAL HEAD(DOT Supplied)	1000	EA.	\$ 25.00	\$ 25,000.00
68	1745	Type III PEDESTAL WITH FOUNDATION(DOT Supplied)	5	EA.	\$ 1,500.00	\$ 7,500.00
69	SP	Troubleshooting Fiber Communications System	1.00	HR	\$ 175.00	\$ 175.00
70	1730	Communications Cable ( 12 Fiber )	3000	LF	\$ 2.00	\$ 6,000.00
71	1730	Communications Cable ( 24 Fiber )	3000	LF	\$ 2.25	\$ 6,750.00
72	1730	Communications Cable ( 36 Fiber )	3000	LF	\$ 2.50	\$ 7,500.00
73	1730	Communications Cable ( 48 Fiber )	3000	LF	\$ 3.00	\$ 9,000.00
74	1730	Drop Cable	10	LF	\$ 2.00	\$ 20.00
75	1731	Splice Enclosure	10	EA.	\$ 1,200.00	\$ 12,000.00
76	1731	Modify Splice ENCLOSURE	10	EA.	\$ 1,000.00	\$ 10,000.00
77	1731	Interconnect Center	10	EA.	\$ 1,500.00	\$ 15,000.00
78	1732	Fiber-Optic Transceiver, Drop and repeat	10	EA.	\$ 1,500.00	\$ 15,000.00
79	1732	Fiber-Optic Transceiver, Self Healing Ring	10	EA.	\$ 1,500.00	\$ 15,000.00
80	1733	Delineator Marker	20	EA.	\$ 100.00	\$ 2,000.00
81	1734	Remove Existing Communication Cable	2000	LF	\$ 1.00	\$ 2,000.00
82	SP	Adjust Span and Guy Wire Attachment	20	EA.	\$ 250.00	\$ 5,000.00
83	SP	Attachment W/lashed Multi-Conductor ( 1/4" )	25	EA.	\$ 250.00	\$ 6,250.00
84	SP	Extra Fiber Optic Jumpsers, Pigtails, & Connectors	25	EA.	\$ 100.00	\$ 2,500.00
85	SP	Fiber Optic Storage Racks ( Snow Shoes )	20	EA.	\$ 200.00	\$ 4,000.00
86	SP	Remove and Reinstall Existing Fiber	20	LF	\$ 3.00	\$ 60.00
87	SP	Communication Cable ( Fusion Splice )	40	LF	\$ 50.00	\$ 2,000.00
88	SP	FURNISH & INSTALL METAL STRAIN POLE (COST +10%)	10	EA	\$ 1.00	\$ 10.00
89	SP	FURNISH & INST SINGLE METAL MAST ARM POLE (COST +10%)	10	EA	\$ 1.00	\$ 10.00
90	SP	FURNISH & INST DOUBLE METAL MAST ARM POLE (COST +10%)	10	EA	\$ 1.00	\$ 10.00
91	SP	STRAP OR UNSTRAP WIRE (S) TO EXISTING MESSENGER CABLE	10	LFT	\$ 6.00	\$ 60.00
<b>TOTAL</b>						<b>\$ 1,100,045.00</b>