

DIVISION-WIDE										
TIP NO. N/A		14B.204511, ETC...			2:00 PM					
FED AID NO. N/A		DN11569482			FEBRUARY 23, 2016			ENGINEER'S ESTIMATE \$ 209,600.00		
ANNUAL CORRUGATED METAL PIPE REPAIR CONTRACT										
				Applied Polymerics, Inc.			Graham Co. Land Co.			
				2.8%		Airy, NC	3.9%	Robbinsville, NC	-100.0%	
No.	Section	Item	Quantity	Unit	Unit price	Amount	Unit price	Amount	Unit price	Amount
1	800	MOBILIZATION	5	EA	\$ 2,200.00	\$ 11,000.00	\$ 3,000.00	\$ 15,000.00		\$ -
2	SP	PLACEMENT OF ELASTOMERIC SPRAY-ON COATING	500	SF	\$ 5.00	\$ 2,500.00	\$ 8.50	\$ 4,250.00		\$ -
3	SP	BACKGROUTING/VOID FILLING AT PIPE JOINTS	800	GAL	\$ 115.00	\$ 92,000.00	\$ 150.00	\$ 120,000.00		\$ -
4	SP	TEMPORARY SHOULDER CLOSURE	5	EA	\$ 1,200.00	\$ 6,000.00	\$ 1,500.00	\$ 7,500.00		\$ -
5	SP	TEMPORARY LANE CLOSURE (2-LANE, 2-WAY)	5	EA	\$ 1,600.00	\$ 8,000.00	\$ 1,600.00	\$ 8,000.00		\$ -
6	SP	DEWATERING AND CLEANING	20	DAY	\$ 1,800.00	\$ 36,000.00	\$ 1,200.00	\$ 24,000.00		\$ -
7	SP	SEALING OF PIPE JOINTS	200	LF	\$ 50.00	\$ 10,000.00	\$ 25.00	\$ 5,000.00		\$ -
8	SP	REPAIRS TO CORRUGATED METAL PIPE	2000	SF	\$ 25.00	\$ 50,000.00	\$ 17.00	\$ 34,000.00		\$ -
					TOTAL	\$ 215,500.00		\$ 217,750.00		\$ -

DISTRICT-WIDE, DISTRICT 3, CHEROKEE, CLAY, GRAHAM, AND MACON										
TIP NO. N/A		14.102020; 14.102220; 14.103820; 14.105620				2:00 PM				
FED AID NO. N/A		DNI1575423				FEBRUARY 23, 2016				
GUARDRAIL REPAIR AND MAINTENANCE										
ENGINEER'S ESTIMATE \$ 309,584.00										
					Reynolds Fence & Guardrail Inc			Bagwell Fence Company, Inc.		Bullington Construction Inc
					-41.5% Indian Trail, NC			106.3% Spartanburg, SC		108.8% Oakboro, NC
No.	Section	Item	Quantity	Unit	Unit price	Amount	Unit price	Amount	Unit price	Amount
1	800	ROUTINE MOBILIZATION (30 DAYS) ^ EA	10	EA	\$ 200.00	\$ 2,000.00	\$ 100.00	\$ 1,000.00	\$ 500.00	\$ 5,000.00
2	800	EMERGENCY MOBILIZATION (48 HOURS)	5	EA	\$ 100.00	\$ 500.00	\$ 1,000.00	\$ 5,000.00	\$ 1,850.00	\$ 9,250.00
3	862	SHOP CURVED GUARDRAIL	340	LF	\$ 16.75	\$ 5,695.00	\$ 30.00	\$ 10,200.00	\$ 29.50	\$ 10,030.00
4	862	TERMINAL END SECTION	50	EA	\$ 25.00	\$ 1,250.00	\$ 10.00	\$ 500.00	\$ 25.00	\$ 1,250.00
5	862	STEEL BEAM GUARDRAIL W/STEEL POST	2000	LF	\$ 15.50	\$ 31,000.00	\$ 35.00	\$ 70,000.00	\$ 26.00	\$ 52,000.00
6	862	STEEL BEAM GUARDRAIL W/WOOD POST	20	LF	\$ 12.00	\$ 240.00	\$ 35.00	\$ 700.00	\$ 28.00	\$ 560.00
7	862	ADDITIONAL STEEL POST	120	EA	\$ 60.00	\$ 7,200.00	\$ 42.00	\$ 5,040.00	\$ 60.00	\$ 7,200.00
8	862	ADDITIONAL WOOD POST	20	EA	\$ 25.00	\$ 500.00	\$ 40.00	\$ 800.00	\$ 55.00	\$ 1,100.00
9	862	GUARDRAIL POST EXTRA LENGTH	20	LF	\$ 5.00	\$ 100.00	\$ 18.00	\$ 360.00	\$ 18.00	\$ 360.00
10	862	GUARDRAIL ANCHOR UNIT TYPE 350 TL-2	2	EA	\$ 1,250.00	\$ 2,500.00	\$ 2,800.00	\$ 5,600.00	\$ 2,100.00	\$ 4,200.00
11	862	BUFFERED END SECTION FOR BCT, CAT-1, AT-1	2	EA	\$ 75.00	\$ 150.00	\$ 25.00	\$ 50.00	\$ 125.00	\$ 250.00
12	862	BUFFERED END SECTION FOR MELT	2	EA	\$ 25.00	\$ 50.00	\$ 25.00	\$ 50.00	\$ 125.00	\$ 250.00
13	862	GUARDRAIL W/ PREPUNCHED HOLES (RAIL ONLY)	300	LF	\$ 10.50	\$ 3,150.00	\$ 10.00	\$ 3,000.00	\$ 15.00	\$ 4,500.00
14	862	STEEL BEAM GUARDRAIL (RAIL ONLY)	3000	LF	\$ 11.00	\$ 33,000.00	\$ 31.00	\$ 93,000.00	\$ 22.00	\$ 66,000.00
15	862	GUARDRAIL ANCHOR UNIT TYPE AT-1	2	EA	\$ 275.00	\$ 550.00	\$ 200.00	\$ 400.00	\$ 400.00	\$ 800.00
16	862	GUARDRAIL ANCHOR UNIT TYPE CAT-1	2	EA	\$ 375.00	\$ 750.00	\$ 200.00	\$ 400.00	\$ 400.00	\$ 800.00
17	862	GUARDRAIL ANCHOR UNIT TYPE 350	50	EA	\$ 1,900.00	\$ 95,000.00	\$ 2,800.00	\$ 140,000.00	\$ 2,150.00	\$ 107,500.00
18	862	BURIED GUARDRAIL END SECTION	4	EA	\$ 100.00	\$ 400.00	\$ 1,500.00	\$ 6,000.00	\$ 1,200.00	\$ 4,800.00
19	1120	CHANGEABLE MESSAGE SIGN (SHORT TERM)	15	DAY	\$ 20.00	\$ 300.00	\$ 100.00	\$ 1,500.00	\$ 300.00	\$ 4,500.00
20	862	WEATHERING STEEL BEAM GUARDRAIL W/WEATHER	200	LF	\$ 15.00	\$ 3,000.00	\$ 35.00	\$ 7,000.00	\$ 24.00	\$ 4,800.00
21	862	WEATHERING STEEL BEAM GUARDRAIL (RAIL ONLY)	1000	LF	\$ 11.00	\$ 11,000.00	\$ 35.00	\$ 35,000.00	\$ 23.50	\$ 23,500.00
22	862	WEATHERING STEEL BEAM GUARDRAIL ANCHOR UNIT	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 3,500.00	\$ 7,000.00	\$ 2,900.00	\$ 5,800.00
23	862	ADDITIONAL WEATHERING STEEL GUARDRAIL POSTS	4	EA	\$ 40.00	\$ 160.00	\$ 85.00	\$ 340.00	\$ 85.00	\$ 340.00
24	866	WOVEN WIRE FENCE 47" FABRIC	500	LF	\$ 2.50	\$ 1,250.00	\$ 8.00	\$ 4,000.00	\$ 12.50	\$ 6,250.00
25	866	5" TIMBER FENCE POST, 8' LONG	10	LF	\$ 30.00	\$ 300.00	\$ 50.00	\$ 500.00	\$ 100.00	\$ 1,000.00
26	866	4" TIMBER FENCE POST, 7.5' LONG	30	LF	\$ 15.00	\$ 450.00	\$ 50.00	\$ 1,500.00	\$ 100.00	\$ 3,000.00
27	862	THRIE BEAM GUARDRAIL	20	LF	\$ 12.00	\$ 240.00	\$ 30.00	\$ 600.00	\$ 30.00	\$ 600.00
28	SP	CABLE ANCHOR BRACKET FOR GRAU TYPE 350	10	EA	\$ 5.00	\$ 50.00	\$ 10.00	\$ 100.00	\$ 50.00	\$ 500.00
29	SP	GUARDRAIL EXTRUDER FOR GRAU TYPE 350	10	EA	\$ 100.00	\$ 1,000.00	\$ 500.00	\$ 5,000.00	\$ 500.00	\$ 5,000.00
30	SP	CABLE ASSEMBLY 3/4" X6'6" FOR GRAU TYPE 350	10	EA	\$ 20.00	\$ 200.00	\$ 10.00	\$ 100.00	\$ 40.00	\$ 400.00
31	SP	STRUT FOR GRAU TYPE 350	10	EA	\$ 5.00	\$ 50.00	\$ 10.00	\$ 100.00	\$ 40.00	\$ 400.00
32	SP	STEEL YIELDING TERM POST 1/2 HOLES GRAU TYPE 350	10	EA	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 40.00	\$ 400.00
33	SP	ET HBA POST #1 TOP FOR GRAU-TYPE 350	10	EA	\$ 40.00	\$ 400.00	\$ 500.00	\$ 5,000.00	\$ 100.00	\$ 1,000.00
34	SP	ET HBA POST #1 & #2 BOTTOM FOR GRAU-TYPE 350	10	EA	\$ 40.00	\$ 400.00	\$ 35.00	\$ 350.00	\$ 40.00	\$ 400.00
35	SP	ET HBA POST #2 UP TO POST #8 TPI GRAU TYPE 350	10	EA	\$ 40.00	\$ 400.00	\$ 75.00	\$ 750.00	\$ 85.00	\$ 850.00
36	SP	6'6" ANGLE STRUT FOR GRAU TYPE 350	10	EA	\$ 10.00	\$ 100.00	\$ 10.00	\$ 100.00	\$ 40.00	\$ 400.00
37	SP	IMPACT ATTENUATOR- NOSE PIECE	2	EA	\$ 350.00	\$ 700.00	\$ 1,000.00	\$ 2,000.00	\$ 2,500.00	\$ 5,000.00
38	SP	IMPACT ATTENUATOR- SIDE PIECE	3	EA	\$ 300.00	\$ 900.00	\$ 1,000.00	\$ 3,000.00	\$ 500.00	\$ 1,500.00
39	SP	IMPACT ATTENUATOR- CARTRIDGE	5	EA	\$ 300.00	\$ 1,500.00	\$ 1,000.00	\$ 5,000.00	\$ 800.00	\$ 4,000.00
40	862	GUARDRAIL ANCHOR UNIT, TYPE M-350	4	EA	\$ 800.00	\$ 3,200.00	\$ 1,850.00	\$ 7,400.00	\$ 1,900.00	\$ 7,600.00
41	862	GUARDRAIL ANCHOR UNIT TYPE B-77	2	EA	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 800.00	\$ 1,600.00
42	863	REMOVE EXISTING GUARDRAIL	200	LF	\$ 2.00	\$ 400.00	\$ 2.00	\$ 400.00	\$ 4.00	\$ 800.00
43	862	3'6" WOOD BREAKAWAY GUARDRAIL	10	EA	\$ 30.00	\$ 300.00	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00
44	864	REMOVE AND RESET GUARDRAIL	100	LF	\$ 5.00	\$ 500.00	\$ 6.00	\$ 600.00	\$ 12.00	\$ 1,200.00
45	SP	TRAFFIC CONTROL TWO-LANE	120	EA	\$ 575.00	\$ 69,000.00	\$ 1.00	\$ 120.00	\$ 550.00	\$ 66,000.00
46	SP	TRAFFIC CONTROL MULTILANE	36	EA	\$ 350.00	\$ 12,600.00	\$ 1.00	\$ 36.00	\$ 400.00	\$ 14,400.00
					TOTAL	\$ 296,685.00		\$ 432,346.00		\$ 437,590.00