

Attachment 1

BID FORM

TO: Purchasing Division
442 W. Washington Street
Room 1086
Suffolk, VA 23434-5237

BID: Route 58 Improvements
IFB: 21033-JS
DUE: November 19, 2020
TIME: 3:00 p.m., Local

Bidder quotes firm price(s) below to furnish all labor, materials, equipment, supervision, transportation, licenses, permits, and fees required to provide installation of the items and all appurtenances and incidental materials and equipment, complete and in place in accordance with all specifications, terms, conditions, and drawings herein.

Bidder shall perform all Quality Control (QC) testing in accordance with the VDOT LAP Manual. Testing shall be in accordance with VDOT specification for procedure and frequency and be conducted by qualified personnel and a certified laboratory. All test results shall be provided to the City in a timely manner and can be used as a basis to accept or reject referenced materials. Cost of all QC testing shall be included in the price for each bid item and shall not be paid separately.

It is the intent of the City to award the bid in total.

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	513	Mobilization	1	LS		
2	517	Construction Survey	1	LS		
3	301	Clearing and Grubbing	1	LS		
4	514	Field Office Type 1	33	MO		
5	303	Regular Excavation	93000	CY		
6	303,305	Borrow Excavation	120205	CY		
7	401	Retaining Wall Excavation	90	CY		
8	515	Flexible Pavement Planing 0"-2"	24973	SY		
9	315	Asphalt Concrete Ty. SM-12.5E	23554	TON		
10	316	Asphalt Concrete Ty. IM-19.0D	48565	TON		
11	315	Asphalt Concrete Ty. BM-25.0A	86684	TON		
12	504	Hydraulic Cement Conc. Sidewalk 4"	6800	SY		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
13	504	Hydraulic Cement Conc. Sidewalk 7"	925	SY		
14	305	Geotextile Subgrade Stabilization	119430	SY		
15	ATTD	Crusher Run Aggr. No. 25 or 26	1245	TON		
16	316	Concrete Entrance Pave. 7"	421	SY		
17	308,309	Aggr. Base Matl. Ty. I No. 21A OR 21B	57746	TON		
18	502	Std. Curb CG-2	3610	LF		
19	502	Radial Curb CG-2	170	LF		
20	502	Std. Curb CG-3	19995	LF		
21	502	Radial Curb CG-3	6342	LF		
22	502	Std. Comb. Curb & Gutter CG-6	3055	LF		
23	502	Rad. Comb. Curb & Gutter CG-6	658	LF		
24	502	Std. Comb. Curb & Gutter CG-7	19673	LF		
25	502	Rad. Comb. Curb & Gutter CG-7	9113	LF		
26	502	Entrance Gutter CG-9D	1945	SY		
27	502	Entrance Gutter CG-13	1556	SY		
28	504	CG-12 Detectable Warning Surface	257	SY		
29	502	Median Strip MS-1	491	SY		
30	505	Guardrail GR-MGS1	270	LF		
31	505	Guardrail GR-MGS2	2	EA		
32	505	Guardrail GR-MGS3	2	EA		
33	505	Guardrail GR-2	13	LF		
34	505	Guardrail GR-9	1	EA		
35	505	Guardrail GR-11	1	EA		
36	505	Fixed Object Attach, GR-FOA-2 TY. 1	1	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
37	505	Fixed Object Attach, GR-FOA-2 TY. 2	1	EA		
38	506	Retaining Wall RW-3	15	CY		
39	302	12" Conc. Pipe	74	LF		
40	302	15" Conc. Pipe	8423	LF		
41	302	18" Conc. Pipe	3336	LF		
42	302	24" Conc. Pipe	6274	LF		
43	302	30" Conc. Pipe	6629	LF		
44	302	36" Conc. Pipe	1659	LF		
45	302	42" Conc. Pipe	868	LF		
46	302	48" Conc. Pipe	363	LF		
47	302	30" x 19" Elliptical Conc. Pipe	104	LF		
48	320	42" x 27" Elliptical Conc. Pipe	188	LF		
49	302	45" x 29" Elliptical Conc. Pipe	50	LF		
50	302	12" End Section ES-1	3	EA		
51	302	15" End Section ES-1	17	EA		
52	302	18" End Section ES-1	5	EA		
53	302	24" End Section ES-1	4	EA		
54	302	30" End Section ES-1	2	EA		
55	302	36" End Section ES-1	3	EA		
56	302	42" End Section ES-1	3	EA		
57	302	48" End Section ES-1	1	EA		
58	302	30" x 19" End Section ES-1A	1	EA		
59	302	42" x 27" End Section ES-1A	1	EA		
60	302	45" x 29" End Section ES-1A	1	EA		
61	303	Minor Structure Excav. Pipe Culvert	747	CY		
62	303	Minor Structure Excav. Box Culvert	490	CY		
63	302	Drop Inlet DI-1	6	EA		
64	302	Drop Inlet DI-2A, L=3.5'	2	EA		
65	302	Drop Inlet DI-2B, L=4'	9	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
66	302	Drop Inlet DI-2B, L=6'	7	EA		
67	302	Drop Inlet DI-2B, L=8'	1	EA		
68	302	Drop Inlet DI-2B, L=14'	1	EA		
69	302	Drop Inlet DI-2BB, L=4'	3	EA		
70	302	Drop Inlet DI-2BB, L=6'	1	EA		
71	302	Drop Inlet DI-2BB, L=8'	1	EA		
72	302	Drop Inlet DI-2C, L=6'	1	EA		
73	302	Drop Inlet DI-2C, L=20'	1	EA		
74	302	Drop Inlet DI-2D, L=4.67'	1	EA		
75	302	Drop Inlet DI-2E, L=4'	1	EA		
76	302	Drop Inlet DI-2EE, L=6'	1	EA		
77	302	Drop Inlet DI-2EE, L=8'	1	EA		
78	302	Drop Inlet DI-3A, L=2.5'	5	EA		
79	302	Drop Inlet DI-3AA, L=2.5'	1	EA		
80	302	Drop Inlet DI-3B, L=4'	35	EA		
81	302	Drop Inlet DI-3B, L=6'	38	EA		
82	302	Drop Inlet DI-3B, L=8'	26	EA		
83	302	Drop Inlet DI-3B, L=12'	1	EA		
84	302	Drop Inlet DI-3B, L=14'	2	EA		
85	302	Drop Inlet DI-3BB, L=4'	4	EA		
86	302	Drop Inlet DI-3BB, L=6'	7	EA		
87	302	Drop Inlet DI-3BB, L=8'	3	EA		
88	302	Drop Inlet DI-3BB, L=10'	2	EA		
89	302	Drop Inlet DI-3BB, L=16'	1	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
90	302	Drop Inlet DI-3C, L=6'	5	EA		
91	302	Drop Inlet DI-3C, L=8'	2	EA		
92	302	Drop Inlet DI-3C, L=10'	2	EA		
93	302	Drop Inlet DI-3C, L=12'	4	EA		
94	302	Drop Inlet DI-3C, L=20'	3	EA		
95	302	Drop Inlet DI-3CC, L=12'	1	EA		
96	302	Drop Inlet DI-4A, L=4'	2	EA		
97	302	Drop Inlet DI-4AA, L=4'	1	EA		
98	302	Drop Inlet DI-4B, L=6'	9	EA		
99	302	Drop Inlet DI-4B, L=8'	1	EA		
100	302	Drop Inlet DI-4BB, L=6'	3	EA		
101	302	Drop Inlet DI-4BB, L=8'	2	EA		
102	302	Drop Inlet DI-4C, L=20'	1	EA		
103	302	Drop Inlet DI-5, Grate A Type I	8	EA		
104	302	Manhole, MH-1 or 2	204	LF		
105	302	Frame & Cover, MH-1	34	EA		
106	414	Erosion Control Stone EC-1, CL I	283	TON		
107	510	Modify Existing Structure	8	EA		
108	302	Storm Water Man. Drain Structure, SWM-1	17	LF		
109	PLAN	Aquatic Bench Planting	2380	SY		
110	302	Concrete Class A4 Box Culvert	201	CY		
111	302,406	Reinf. Steel (Box Culvert)	35140	LB		
112	704	Type B Class I Pvmt Line Mrkg 4"	33936	LF		
113	704	Type B Class I Pvmt Line Mrkg 6"	72492	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
114	704	Type B Class I Pvmt Line Mrkg 24"	3455	LF		
115	704	Pvmt Symb Mrkg Sgl Turn Arrow Ty B Cl I	156	EA		
116	704	Pvmt Symb Mrkg Dbl Turn Arrow Ty B Cl I	9	EA		
117	704	Pvmt Message Mrkg "SCHOOL"	2	EA		
118	704	Pvmt Symb Mrkg Lane Reduction Arrow Ty B Cl I	3	EA		
119	704	Pvmt Symb Mrkg Yield 1" x 1.5" Ty B Cl I	9	EA		
120	701	Sign Panel	293	SF		
121	700	Sign Post STP-1, 2-1/2", 12 Gage	1221	LF		
122	700	Conc. Sign Foundation STP-1, Type A	111	EA		
123	510	Relocate Exist. I Post Ground Mount Sign Panel	67	EA		
124	303	Temp. Silt Fence Type A	22475	LF		
125	303	Inlet Protection, Type A	17	EA		
126	303	Inlet Protection, Type B	202	EA		
127	303	Turbidity Curtain, Ty. III	60	LF		
128	303	Check Dam. Rock Ty. II	243	EA		
129	303	Culvert Inlet Protection	11	EA		
130	606	Rolled Erosion Ctrl Product EC-3 Type 3	1680	SY		
131	602	Topsoil Class A 2"	3000	CY		
132	602	Topsoil Class B 2"	3000	CY		
133	603	Regular Seed	4000	LB		
134	603	Overseeding	2500	LB		
135	603	Temporary Seed	2500	LB		
136	603	Fertilizer	40000	LB		
137	603	Lime	40	TON		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
138	508	Demo of Pavement Flexible	29000	SY		
139	508	Demo of Pavement Rigid	10300	SY		
140	508	Obscuring Roadway	10.2	UNIT		
141	505	Remove Existing Guardrail Terminal	6	EA		
142	505	Remove Existing Guardrail	860	LF		
143	510	Remove/Relocate Exist. Mailbox	106	EA		
144	510	Remove Exist Pipe	7392	LF		
145	510	Remove Exist Drainage Structure	52	EA		
146	509	Flowable Backfill	80	CY		
147	516	Closing Well	10	EA		
148	605	Tree Natchez Crape Myrtle	12	EA		
149	605	Tree Little Gem Magnolia	12	EA		
150	605	Tree Willow Oak	5	EA		
151	605	Tree Bosque Elm	4	EA		
152	605	Shrub Steeds Holly	21	EA		
153	605	Shrub Nellie Stephens Holly	11	EA		
154	605	Shrub Sargents Juniper	50	EA		
155	605	Shrub Ruby Loropetalum Fringe Flower	20	EA		
156	605	Shrub Autumn Bravo Encore Azalea	21	EA		
157	605	Shrub Double Knock Out Red Rose	8	EA		
158	PLAN	4' High Ornamental Fence	155	LF		
159	PLAN	Masonry Columns	2	EA		
160	700	4 Conductor Cable	48367	LF		
161	700	6 Conductor Cable	20750	LF		
162	808	Fiber Optic Cable 144 Strand	14574	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
163	808	Fiber Optic Drop Cable 12 Strand	364	LF		
164	510	Modify Underground Splice Enclosure	1	EA		
165	808	Underground Splice Enclosure	4	EA		
166	809	Managed Field Ethernet Switch 100 MBPS	4	EA		
167	809	Distribution SFP Module 100 MBPS, LC, and Short Haul	8	EA		
168	700	2" PVC Conduit (SCH. 40)	12784	LF		
169	700	2" HDPE Conduit (SCH. 80)	2967	LF		
170	700	Trench Excavation ECI-1	12784	LF		
171	700	Bored Conduit 2"	2967	LF		
172	700	Junction Box JB-S1	118	EA		
173	700	Junction Box JB-S2	53	EA		
174	700	Junction Box JB-S3	5	EA		
175	700	Electrical Service SE-9 Type B	2	EA		
176	705	Control Center CCW-1 Type B	2	EA		
177	ATTD	Lighting Controller Gateway	2	EA		
178	ATTD	Lighting Controller Node	180	EA		
179	ATTD	Roadway Luminaire (35FT MH, Dual 12FT Arms, 244W)	67	EA		
180	ATTD	Roadway Luminaire (35FT MH, 12FT Arms, 244W)	46	EA		
181	ATTD	City Standard Traffic Signal Cabinet	3	EA		
182	ATTD	City Standard Traffic Signal Controller	3	EA		
183	700	Concrete Foundation (CF-3)	3	EA		
184	703	Uninterruptible Power Supply Cabinet (Detached)	3	EA		
185	ATTD	Traffic UPS System with Natural Gas Generator Backup	3	EA		
186	700	Pedestal Pole (PF-2 15')	1	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
187	700	Pedestal Pole (PF-2 10')	24	EA		
188	700	Concrete Foundation (PF-2)	25	EA		
189	700	Signal Pole (MP-3, Type A)	2	EA		
190	700	Signal Pole (MP-3, Type D)	1	EA		
191	700	Signal Pole (MP-3, Type B1)	7	EA		
192	700	Signal Pole (MP-3, Type E1)	2	EA		
193	700	Mast Arm (35')	1	EA		
194	700	Mast Arm (40')	2	EA		
195	700	Mast Arm (55')	1	EA		
196	700	Mast Arm (65')	3	EA		
197	700	Mast Arm (70')	2	EA		
198	700	Mast Arm (75')	3	EA		
199	700	Concrete Foundation (PF-8, no wing walls)	12	EA		
200	703	Traffic Signal Head Section, (LED 12", HVS Backplate)	192	EA		
201	703	Pedestrian Signal Head (SP-8)	28	EA		
202	703	Hanger Assembly (SM-3 One-Way)	62	EA		
203	703	Hanger Assembly (SMB-1 One-Way)	1	EA		
204	703	Hanger Assembly (SMB-3 One-Way)	28	EA		
205	701	Sign Panel	189	SF		
206	703	Pedestrian Actuation (PA-2)	26	EA		
207	700	Electrical Service (SE-5)	3	EA		
208	700	Electrical Service Grounding Electrode (10-foot)	3	EA		
209	700	Junction Box (JB-S2)	13	EA		
210	700	Junction Box (JB-S3)	3	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
211	700	Conduit (2" GRS)	90	LF		
212	700	Conduit (2" PVC)	340	LF		
213	700	Conduit (3" PVC)	755	LF		
214	700	Bored Conduit (3" HDPE)	1840	LF		
215	700	Conduit (4" PVC)	10	LF		
216	700	Bored Conduit (4" HDPE)	480	LF		
217	700	Conductor Cable, 1C/6 AWG	270	LF		
218	700	Conductor Cable, 2C/14 AWG	6600	LF		
219	700	Conductor Cable, 5C/14 AWG	17300	LF		
220	700	Conductor Cable, 7C/14 AWG	6650	LF		
221	700	Conductor Cable, 3C/12 AWG	4350	LF		
222	703	Emergency Vehicle Preemption Detection System (4 Way)	4	EA		
223	703	Emergency Vehicle Preemption Detector Cable	4450	LF		
224	ATTD	Wifi Detector	3	EA		
225	ATTD	Video Detection System	3	EA		
226	ATTD	Video Detection Cable	6350	LF		
227	ATTD	Pan/Tilt/Zoom Camera and Equipment	3	EA		
228	ATTD	Pan/Tilt/Zoom Cable	600	LF		
229	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Single Text Line)	9	EA		
230	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Double Text Line)	4	EA		
231	700	Trench Excavation (ECI-1)	625	LF		
232	ATTD	Remove Existing Signal Equipment	1	LS		
233	511	Allaying Dust	675	HR		
234	512	Group 2 Channelizing Devices	845000	DAY		
235	512	Type III 3 Barricade 8'	80	EA		
236	512	Traffic Barrier Ser. Conc. MB-7D PC	6000	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
237	512	Electronic Arrow Board	28800	HR		
238	512	Truck Mounted Attenuator	21600	HR		
239	512	Impact Atten. Ser. Ty. 1 TL-3, >=40 MPH	16	EA		
240	512	Port. Changeable Mess. Sign	21600	HR		
241	512	Flagger Service	640	HR		
242	ATTD	Uniformed Flaggers	384	HR		
243	512	Eradication of Exist. Linear Pvmt Marking	100000	LF		
244	512	Type D Class II Temp Pvmt Mrkg 4"	289343	LF		
245	512	Type D Class II Temp Pvmt Mrkg 6"	11550	LF		
246	512	Type D Class II Temp Pvmt Mrkg 24"	1290	LF		
247	512	Sign Wood Post 4" x 4"	1770	LF		
248	512	Temporary (Construction) Sign	2000	SF		
249	512	Temp. Pvmt Symbol Mrkg (Single Turn Arrow), Ty. A	109	EA		
250	512	Temporary Traffic Control Signal (Centerpoint Drive)	1	LS		
251	512	Temporary Traffic Control Signal (Kenyon Rd/Forest Glen Dr)	1	LS		
252	512	Temporary Traffic Control Signal (Northbrook Ave/Manning Rd)	1	LS		
253	512	Temporary Traffic Control Signal (Staley Dr)	1	LS		
254	520	Fire Hydrant	23	EA		
255	520	3/4" Water Meter Box & Yoke	9	EA		
256	520	1" Water Meter Box & Yoke	5	EA		
257	520	3/4" Water Service Line	275	LF		
258	520	1" Water Service Line	372	LF		
259	520	Reconstruct Exist Manhole	20	VF		
260	520	4" DI Water Main	45	LF		
261	520	6" DI Water Main	622	LF		
262	520	8" DI Water Main	539	LF		
263	520	10" DI Water Main	58	LF		
264	520	12" DI Water Main	160	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
265	520	20" DI Water Main	1100	LF		
266	520	2" PVC Force Main	55	LF		
267	520	3" Water Main	26	LF		
268	520	4" DI Force Main	20	LF		
269	520	6" DI Force Main	405	LF		
270	520	8" DI Force Main	43	LF		
271	520	10" DI Force Main	1448	LF		
272	520	4" Gate Valve & Box	1	EA		
273	520	6" Gate Valve & Box	10	EA		
274	520	16" Gate Valve & Box	1	EA		
275	520	8"x6" Tapping Sleeve & Valve	4	EA		
276	520	20"x6" Tee	1	EA		
277	520	20"x8" Tapping Sleeve & Valve	2	EA		
278	520	20" 22.5° Bend Water	24	EA		
279	520	20" 45° Bend Water	14	EA		
280	520	20" Sleeve Water	13	EA		
281	510	Adjust Exist. Aire Vent Box	14	EA		
282	510	Adjust Exist. Valve Box	52	EA		
283	509	Flowable Fill Utility Abandon	797	CY		
284	520	6" Offset Existing Pipe	55	LF		
285	520	8" Offset Existing Pipe	148	LF		
286	520	10" Offset Existing Pipe	56	LF		
287	520	20" Offset Existing Pipe	115	LF		
288	520	24" Offset Existing Pipe	64	LF		
289	520	8" DI Sanitary Sewer Pipe	63	LF		
290	520	Sanitary Sewer Manhole	2	EA		
UPC 100937 TOTAL BID PRICE:				\$ _____		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	513	Mobilization	1	LS		
2	517	Construction Survey	1	LS		
3	301	Clearing and Grubbing	1	LS		
4	514	Field Office Type 1	12	MO		
5	303	Regular Excavation	15000	CY		
6	303,305	Borrow Excavation	13000	CY		
7	515	Flexible Pavement Planing 0"-2"	3192	SY		
8	315	Asphalt Concrete Ty. SM-12.5E	2889	TON		
9	316	Asphalt Concrete Ty. IM-19.0D	7065	TON		
10	315	Asphalt Concrete Ty. BM-25.0A	12771	TON		
11	504	Hydraulic Cement Conc. Sidewalk 4"	747	SY		
12	504	Hydraulic Cement Conc. Sidewalk 7"	109	SY		
13	305	Geotextile Subgrade Stabilization	13924	SY		
14	ATTD	Crusher Run Aggr. No. 25 or 26	190	TON		
15	308,309	Aggr. Base Matl. Ty. I No. 21A OR 21B	6604	TON		
16	502	Std. Curb CG-2	565	LF		
17	502	Radial Curb CG-2	1475	LF		
18	502	Std. Curb CG-3	178	LF		
19	502	Radial Curb CG-3	1860	LF		
20	502	Std. Comb. Curb & Gutter CG-6	538	LF		
21	502	Rad. Comb. Curb & Gutter CG-6	971	LF		
22	502	Std. Comb. Curb & Gutter CG-7	334	LF		
23	502	Rad. Comb. Curb & Gutter CG-7	2157	LF		
24	502	Entrance Gutter CG-9D	244	SY		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
25	504	CG-12 Detectable Warning Surface	30	SY		
26	502	Median Strip MS-1	174	SY		
27	502	Sign Island SI-2	108	SY		
28	302	15" Conc. Pipe	1313	LF		
29	302	18" Conc. Pipe	812	LF		
30	302	24" Conc. Pipe	515	LF		
31	302	30" Conc. Pipe	336	LF		
32	302	36" Conc. Pipe	60	LF		
33	302	18" End Section ES-1	3	EA		
34	302	30" End Section ES-1	1	EA		
35	302	36" End Section ES-1	2	EA		
36	302	Drop Inlet DI-2B, L=4'	3	EA		
37	302	Drop Inlet DI-3A, L=2.5'	3	EA		
38	302	Drop Inlet DI-3B, L=4'	10	EA		
39	302	Drop Inlet DI-3B, L=6'	2	EA		
40	302	Drop Inlet DI-3B, L=8'	1	EA		
41	302	Drop Inlet DI-3C, L=6'	1	EA		
42	302	Drop Inlet DI-3C, L=8'	1	EA		
43	302	Drop Inlet DI-3C, L=12'	2	EA		
44	302	Manhole, MH-1 or 2	33	LF		
45	302	Frame & Cover, MH-1	9	EA		
46	302	DI-Precast Top (T-DI-3A)	2	EA		
47	414	Erosion Control Stone EC-1, CL 1	44	TON		
48	414	Erosion Control Stone EC-1, CL A1	4	TON		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
49	510	Modify Existing Structure	5	EA		
50	302	Storm Water Man. Drain Structure, SWM-1	6	LF		
51	PLAN	Aquatic Bench Planting	884	SY		
52	704	Type B Class I Pvmt Line Mrkg 4"	6845	LF		
53	704	Type B Class I Pvmt Line Mrkg 6"	9766	LF		
54	704	Type B Class I Pvmt Line Mrkg 24"	1010	LF		
55	704	Pvmt Symb Mrkg Sgl Turn Arrow Ty B Cl I	27	EA		
56	704	Pvmt Symb Mrkg Lane Reduction Arrow Ty B Cl I	2	EA		
57	704	Pvmt Symb Mrkg Yield 1" x 1.5" Ty B Cl I	9	EA		
58	701	Sign Panel	84	SF		
59	700	Sign Post STP-1, 2-1/2", 12 Gage	297	LF		
60	700	Conc. Sign Foundation STP-1, Type A	27	EA		
61	510	Relocate Exist. I Post Ground Mount Sign Panel	16	EA		
62	303	Temp. Silt Fence Type A	4180	LF		
63	303	Inlet Protection, Type B	26	EA		
64	303	Check Dam. Rock Ty. II	29	EA		
65	303	Culvert Inlet Protection	5	EA		
66	606	Rolled Erosion Ctrl Product EC-3 Type 3	488	SY		
67	602	Topsoil Class A 2"	450	CY		
68	602	Topsoil Class B 2"	450	CY		
69	603	Regular Seed	840	LB		
70	603	Overseeding	120	LB		
71	603	Temporary Seed	120	LB		
72	603	Fertilizer	1250	LB		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
73	603	Lime	14	TON		
74	508	Demo of Pavement Flexible	3600	SY		
75	510	Remove/Relocate Exist. Mailbox	6	EA		
76	510	Remove Exist. Pipe	1367	LF		
77	510	Remove Exist. Drainage Structure	12	EA		
78	509	Flowable Backfill	3	CY		
79	516	Closing Well	2	EA		
80	700	4 Conductor Cable	2820	LF		
81	700	6 Conductor Cable	11109	LF		
82	808	Fiber Optic Cable 144 Strand	2388	LF		
83	808	Fiber Optic Drop Cable 12 Strand	198	LF		
84	808	Underground Splice Enclosure	1	EA		
85	809	Managed Field Ethernet Switch 100 MBPS	1	EA		
86	809	Distribution SFP Module 100 MBPS, LC, and Short Haul	2	EA		
87	700	2" PVC Conduit (SCH. 40)	2131	LF		
88	700	2" HDPE Conduit (SCH. 80)	855	LF		
89	700	Trench Excavation ECI-1	2131	LF		
90	700	Bored Conduit 2"	855	LF		
91	700	Junction Box JB-S1	29	EA		
92	700	Junction Box JB-S2	8	EA		
93	700	Junction Box JB-S3	1	EA		
94	700	Electrical Service SE-9 Type B	1	EA		
95	705	Control Center CCW-1 Type B	1	EA		
96	ATTD	Lighting Controller Gateway	1	EA		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
97	ATTD	Lighting Controller Node	29	EA		
98	ATTD	Roadway Luminaire (35FT MH, Dual 12FT Arms, 244W)	7	EA		
99	ATTD	Roadway Luminaire (35FT MH, 12FT Arms, 244W)	10	EA		
100	ATTD	Roadway Luminaire (35FT MH, 8FT Arms, 244W)	5	EA		
101	ATTD	City Standard Traffic Signal Cabinet	1	EA		
102	ATTD	City Standard Traffic Signal Controller	1	EA		
103	700	Concrete Foundation (CF-3)	1	EA		
104	703	Uninterruptible Power Supply Cabinet (Detached)	1	EA		
105	ATTD	Traffic UPS System with Natural Gas Generator Backup	1	EA		
106	700	Pedestal Pole (PF-2 10')	2	EA		
107	700	Pedestal Pole (PF-2 6')	1	EA		
108	700	Concrete Foundation (PF-2)	3	EA		
109	700	Signal Pole (MP-3, Type A)	1	EA		
110	700	Signal Pole (MP-3, Type B1)	2	EA		
111	700	Signal Pole (MP-3, Type E1)	1	EA		
112	700	Mast Arm (45')	1	EA		
113	700	Mast Arm (50')	1	EA		
114	700	Mast Arm (65')	1	EA		
115	700	Mast Arm (70')	1	EA		
116	700	Concrete Foundation (PF-8, no wing walls)	4	EA		
117	703	Traffic Signal Head Section, (LED 12", Retroreflective Backplate)	54	EA		
118	703	Pedestrian Signal Head (SP-8)	6	EA		
119	703	Hanger Assembly (SM-3 One-Way)	18	EA		
120	703	Hanger Assembly (SMB-3 One-Way)	6	EA		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
121	701	Sign Panel	13	SF		
122	703	Pedestrian Actuation (PA-2)	5	EA		
123	703	Pedestrian Actuation (PA-4)	1	EA		
124	700	Electrical Service (SE-5)	1	EA		
125	700	Electrical Service Grounding Electrode (10-foot)	1	EA		
126	700	Junction Box (JB-S1)	3	EA		
127	700	Junction Box (JB-S2)	4	EA		
128	700	Junction Box (JB-S3)	1	EA		
129	700	Conduit (2" GRS)	20	LF		
130	700	Conduit (2" PVC)	50	LF		
131	700	Conduit (3" PVC)	135	LF		
132	700	Bored Conduit (3" HDPE)	880	LF		
133	700	Conduit (4" PVC)	20	LF		
134	700	Bored Conduit (4" HDPE)	280	LF		
135	700	Conductor Cable, 1C/6 AWG	400	LF		
136	700	Conductor Cable, 2C/14 AWG	1300	LF		
137	700	Conductor Cable, 5C/14 AWG	3600	LF		
138	700	Conductor Cable, 7C/14 AWG	1500	LF		
139	700	Conductor Cable, 3C/12 AWG	1100	LF		
140	703	Emergency Vehicle Preemption Detection System (4 Way)	1	EA		
141	703	Emergency Vehicle Preemption Detector Cable	1200	LF		
142	ATTD	Wifi Detector	1	EA		
143	ATTD	Video Detection System	1	EA		
144	ATTD	Video Detection Cable	1850	LF		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
145	ATTD	Pan/Tilt/Zoom Camera and Equipment	1	EA		
146	ATTD	Pan/Tilt/Zoom Cable	100	LF		
147	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Single Text Line)	2	EA		
148	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Double Text Line)	2	EA		
149	700	Trench Excavation (ECI-1)	150	LF		
150	ATTD	Remove Existing Signal Equipment	1	LS		
151	511	Allaying Dust	200	HR		
152	512	Group 2 Channelizing Devices	26040	DAY		
153	512	Type III 3 Barricade 8'	7	EA		
154	512	Traffic Barrier Ser. Conc. MB-7D PC	3399	LF		
155	512	Electronic Arrow Board	1800	HR		
156	512	Truck Mounted Attenuator	1800	HR		
157	512	Impact Atten. Ser. Ty. 1 TL-3, >=40 MPH	12	EA		
158	512	Port. Changeable Mess. Sign	2688	HR		
159	512	Flagger Service	80	HR		
160	ATTD	Uniformed Flaggers	96	HR		
161	512	Eradication of Exist. Linear Pvmt Marking	10000	LF		
162	512	Type D Class II Temp Pvmt Mrkg 4"	26000	LF		
163	512	Type D Class II Temp Pvmt Mrkg 6"	13000	LF		
164	512	Type D Class II Temp Pvmt Mrkg 24"	530	LF		
165	512	Sign Wood Post 4" x 4"	40	LF		
166	512	Temporary (Construction) Sign	64	SF		
167	512	Temp. Pvmt Symbol Mrkg (Single Turn Arrow), Ty. A	8	EA		
168	512	Temporary Traffic Control Signal (Manning Bridge Road)	1	LS		

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
169	520	Fire Hydrant	1	EA		
170	520	3/4" Water Meter Box & Yoke	1	EA		
171	520	3/4" Water Service Line	24	LF		
172	520	1 1/2" Water Service Line	20	LF		
173	520	6" DI Water Main	19	LF		
174	520	16" DI Water Main	368	LF		
175	520	20" Offset Existing Pipe	70	LF		
176	520	10" DI Force Main	766	LF		
177	520	24" Casing Pipe	128	LF		
178	520	6" Gate Valve & Box	1	EA		
179	520	10" Gate Valve & Box	1	EA		
180	520	16" Gate Valve & Box	2	EA		
181	520	16"x6" Tee	1	EA		
182	520	16"x16" Tee	1	EA		
183	520	16" 45° Bend Water	8	EA		
184	520	16" Sleeve Water	2	EA		
185	520	2" Air Release Valve and Box	1	EA		
186	510	Adjust Exist. Aire Vent Box	2	EA		
187	510	Adjust Exist. Valve Box	2	EA		
188	302	Jacked and Bored Pipe 10"	128	LF		
UPC 104359 TOTAL BID PRICE:				\$ _____		

TOTAL BID PRICE 100937 and 104359 **\$ _____**