

# 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	3581	LF		
42	302	24" Conc. Pipe	6029	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	6	EA		
53	302	24" End Section ES-1	6	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	2	EA		
57	302	48" End Section ES-1	2	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 Excavation	1353	CY		
62	302	Drop Inlet DI-1	6	EA		
63	302	Drop Inlet DI-2A, L=3.5'	2	EA		
64	302	Drop Inlet DI-2B, L=4'	9	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
65	302	Drop Inlet DI-2B, L=6'	7	EA		
66	302	Drop Inlet DI-2B, L=8'	1	EA		
67	302	Drop Inlet DI-2B, L=14'	1	EA		
68	302	Drop Inlet DI-2BB, L=4'	3	EA		
69	302	Drop Inlet DI-2BB, L=6'	1	EA		
70	302	Drop Inlet DI-2BB, L=8'	1	EA		
71	302	Drop Inlet DI-2C, L=6'	1	EA		
72	302	Drop Inlet DI-2C, L=20'	1	EA		
73	302	Drop Inlet DI-2D, L=4.67'	1	EA		
74	302	Drop Inlet DI-2E, L=4'	1	EA		
75	302	Drop Inlet DI-2EE, L=6'	1	EA		
76	302	Drop Inlet DI-2EE, L=8'	1	EA		
77	302	Drop Inlet DI-3A, L=2.5'	5	EA		
78	302	Drop Inlet DI-3AA, L=2.5'	1	EA		
79	302	Drop Inlet DI-3B, L=4'	35	EA		
80	302	Drop Inlet DI-3B, L=6'	38	EA		
81	302	Drop Inlet DI-3B, L=8'	26	EA		
82	302	Drop Inlet DI-3B, L=12'	1	EA		
83	302	Drop Inlet DI-3B, L=14'	2	EA		
84	302	Drop Inlet DI-3BB, L=4'	4	EA		
85	302	Drop Inlet DI-3BB, L=6'	7	EA		
86	302	Drop Inlet DI-3BB, L=8'	3	EA		
87	302	Drop Inlet DI-3BB, L=10'	2	EA		
88	302	Drop Inlet DI-3BB, L=16'	1	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
89	302	Drop Inlet DI-3C, L=6'	5	EA		
90	302	Drop Inlet DI-3C, L=8'	2	EA		
91	302	Drop Inlet DI-3C, L=10'	2	EA		
92	302	Drop Inlet DI-3C, L=12'	4	EA		
93	302	Drop Inlet DI-3C, L=20'	3	EA		
94	302	Drop Inlet DI-3CC, L=12'	1	EA		
95	302	Drop Inlet DI-4A, L=4'	2	EA		
96	302	Drop Inlet DI-4AA, L=4'	1	EA		
97	302	Drop Inlet DI-4B, L=6'	9	EA		
98	302	Drop Inlet DI-4B, L=8'	1	EA		
99	302	Drop Inlet DI-4BB, L=6'	3	EA		
100	302	Drop Inlet DI-4BB, L=8'	2	EA		
101	302	Drop Inlet DI-4C, L=20'	1	EA		
102	302	Drop Inlet DI-5, Grate A Type I	8	EA		
103	302	Manhole, MH-1 or 2	204	LF		
104	302	Frame & Cover, MH-1	34	EA		
105	414	Erosion Control Stone EC-1, CL I	283	TON		
106	510	Modify Existing Structure	8	EA		
107	302	Storm Water Man. Drain Structure, SWM-1	17	LF		
108	PLAN	Aquatic Bench Planting	1	LS		
109	302	Concrete Class A4 Box Culvert	192	CY		
110	302,406	Reinf. Steel (Box Culvert)	33330	LB		
111	704	Type B Class I Pvmt Line Mrkg 4"	33936	LF		
112	704	Type B Class I Pvmt Line Mrkg 6"	72492	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
113	704	Type B Class I Pvmt Line Mrkg 24"	3455	LF		
114	704	Pvmt Symb Mrkg Sgl Turn Arrow Ty B Cl I	156	EA		
115	704	Pvmt Symb Mrkg Dbl Turn Arrow Ty B Cl I	9	EA		
116	704	Pvmt Message Mrkg "SCHOOL"	2	EA		
117	704	Pvmt Symb Mrkg Lane Reduction Arrow Ty B Cl I	3	EA		
118	704	Pvmt Symb Mrkg Yield 1" x 1.5" Ty B Cl I	9	EA		
119	701	Sign Panel	293	SF		
120	700	Sign Post STP-1, 2-1/2", 12 Gage	1221	LF		
121	700	Conc. Sign Foundation STP-1, Type A	111	EA		
122	510	Relocate Exist. I Post Ground Mount Sign Panel	67	EA		
123	303	Temp. Silt Fence Type A	22475	LF		
124	303	Inlet Protection, Type A	17	EA		
125	303	Inlet Protection, Type B	202	EA		
126	303	Turbidity Curtain, Ty. III	60	LF		
127	303	Check Dam. Rock Ty. II	243	EA		
128	303	Culvert Inlet Protection	11	EA		
129	602	Topsoil Class A 2"	3000	CY		
130	602	Topsoil Class B 2"	3000	CY		
131	603	Regular Seed	4000	LB		
132	603	Overseeding	2500	LB		
133	603	Temporary Seed	2500	LB		
134	603	Fertilizer	40000	LB		
135	603	Lime	40	TON		
136	508	Demo of Pavement Flexible	29000	SY		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
137	508	Demo of Pavement Rigid	10300	SY		
138	508	Obscuring Roadway	10.2	UNIT		
139	505	Remove Existing Guardrail Terminal	6	EA		
140	505	Remove Existing Guardrail	860	LF		
141	510	Remove/Relocate Exist. Mailbox	106	EA		
142	510	Remove Exist Pipe	7392	LF		
143	510	Remove Exist Drainage Structure	52	EA		
144	509	Flowable Backfill	80	CY		
145	516	Closing Well	10	EA		
146	605	Tree Natchez Crape Myrtle	12	EA		
147	605	Tree Little Gem Magnolia	12	EA		
148	605	Tree Willow Oak	5	EA		
149	605	Tree Bosque Elm	4	EA		
150	605	Shrub Steeds Holly	21	EA		
151	605	Shrub Nellie Stephens Holly	11	EA		
152	605	Shrub Sargents Juniper	50	EA		
153	605	Shrub Ruby Loropetalum Fringe Flower	20	EA		
154	605	Shrub Autumn Bravo Encore Azalea	21	EA		
155	605	Shrub Double Knock Out Red Rose	8	EA		
156	PLAN	4' High Ornamental Fence	155	LF		
157	PLAN	Masonry Columns	2	EA		
158	700	4 Conductor Cable	48367	LF		
159	700	6 Conductor Cable	20750	LF		
160	808	Fiber Optic Cable 144 Strand	14574	LF		
161	808	Fiber Optic Drop Cable 12 Strand	364	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
162	510	Modify Underground Splice Enclosure	1	EA		
163	808	Underground Splice Enclosure	4	EA		
164	809	Managed Field Ethernet Switch 100 MBPS	4	EA		
165	809	Distribution SFP Module 100 MBPS, LC, and Short Haul	8	EA		
166	700	2" PVC Conduit (SCH. 40)	12784	LF		
167	700	2" HDPE Conduit (SCH. 80)	2967	LF		
168	700	Trench Excavation ECI-1	12784	LF		
169	700	Bored Conduit 2"	2967	LF		
170	700	Junction Box JB-S1	118	EA		
171	700	Junction Box JB-S2	53	EA		
172	700	Junction Box JB-S3	5	EA		
173	700	Electrical Service SE-9 Type B	2	EA		
174	705	Control Center CCW-1 Type B	2	EA		
175	ATTD	Lighting Controller Gateway	2	EA		
176	ATTD	Lighting Controller Node	180	EA		
177	ATTD	Roadway Luminaire (35FT MH, Dual 12FT Arms, 244W)	67	EA		
178	ATTD	Roadway Luminaire (35FT MH, 12FT Arms, 244W)	46	EA		
179	ATTD	City Standard Traffic Signal Cabinet	3	EA		
180	ATTD	City Standard Traffic Signal Controller	3	EA		
181	700	Concrete Foundation (CF-3)	3	EA		
182	703	Uninterruptible Power Supply Cabinet (Detached)	3	EA		
183	ATTD	Traffic UPS System with Natural Gas Generator Backup	3	EA		
184	700	Pedestal Pole (PF-2 15')	1	EA		
185	700	Pedestal Pole (PF-2 10')	24	EA		



ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
186	700	Concrete Foundation (PF-2)	25	EA		
187	700	Signal Pole (MP-3, Type A)	2	EA		
188	700	Signal Pole (MP-3, Type D)	1	EA		
189	700	Signal Pole (MP-3, Type B1)	7	EA		
190	700	Signal Pole (MP-3, Type E1)	2	EA		
191	700	Mast Arm (35')	1	EA		
192	700	Mast Arm (40')	2	EA		
193	700	Mast Arm (55')	1	EA		
194	700	Mast Arm (65')	3	EA		
195	700	Mast Arm (70')	2	EA		
196	700	Mast Arm (75')	3	EA		
197	700	Concrete Foundation (PF-8, no wing walls)	12	EA		
198	703	Traffic Signal Head Section, (LED 12", HVS Backplate)	192	EA		
199	703	Pedestrian Signal Head (SP-8)	28	EA		
200	703	Hanger Assembly (SM-3 One-Way)	62	EA		
201	703	Hanger Assembly (SMB-1 One-Way)	1	EA		
202	703	Hanger Assembly (SMB-3 One-Way)	28	EA		
203	701	Sign Panel	189	SF		
204	703	Pedestrian Actuation (PA-2)	26	EA		
205	700	Electrical Service (SE-5)	3	EA		
206	700	Electrical Service Grounding Electrode (10-foot)	3	EA		
207	700	Junction Box (JB-S2)	13	EA		
208	700	Junction Box (JB-S3)	3	EA		
209	700	Conduit (2" GRS)	90	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
210	700	Conduit (2" PVC)	340	LF		
211	700	Conduit (3" PVC)	755	LF		
212	700	Bored Conduit (3" HDPE)	1840	LF		
213	700	Conduit (4" PVC)	10	LF		
214	700	Bored Conduit (4" HDPE)	480	LF		
215	700	Conductor Cable, 1C/6 AWG	270	LF		
216	700	Conductor Cable, 2C/14 AWG	6600	LF		
217	700	Conductor Cable, 5C/14 AWG	17300	LF		
218	700	Conductor Cable, 7C/14 AWG	6650	LF		
219	700	Conductor Cable, 3C/12 AWG	4350	LF		
220	703	Emergency Vehicle Preemption Detection System (4 Way)	4	EA		
221	703	Emergency Vehicle Preemption Detector Cable	4450	LF		
222	ATTD	Wifi Detector	3	EA		
223	ATTD	Video Detection System	3	EA		
224	ATTD	Video Detection Cable	6350	LF		
225	ATTD	Pan/Tilt/Zoom Camera and Equipment	3	EA		
226	ATTD	Pan/Tilt/Zoom Cable	600	LF		
227	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Single Text Line)	9	EA		
228	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Double Text Line)	4	EA		
229	700	Trench Excavation (ECI-1)	625	LF		
230	ATTD	Remove Existing Signal Equipment	1	LS		
231	511	Allaying Dust	675	HR		
232	512	Group 2 Channelizing Devices	845000	DAY		
233	512	Type III 3 Barricade 8'	80	EA		
234	512	Traffic Barrier Ser. Conc. MB-7D PC	6000	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
235	512	Electronic Arrow Board	28800	HR		
236	512	Truck Mounted Attenuator	21600	HR		
237	512	Impact Atten. Ser. Ty. 1 TL-3, >=40 MPH	16	EA		
238	512	Port. Changeable Mess. Sign	21600	HR		
239	512	Flagger Service	640	HR		
240	ATTD	Uniformed Flaggers	384	HR		
241	512	Eradication of Exist. Linear Pvmt Marking	100000	LF		
242	512	Type D Class II Temp Pvmt Mrkg 4"	289343	LF		
243	512	Type D Class II Temp Pvmt Mrkg 6"	11550	LF		
244	512	Type D Class II Temp Pvmt Mrkg 24"	1290	LF		
245	512	Sign Wood Post 4" x 4"	1770	LF		
246	512	Temporary (Construction) Sign	2000	SF		
247	512	Temp. Pvmt Symbol Mrkg (Single Turn Arrow), Ty. A	109	EA		
248	512	Temporary Traffic Control Signal (Centerpoint Drive)	1	LS		
249	512	Temporary Traffic Control Signal (Kenyon Rd/Forest Glen Dr)	1	LS		
250	512	Temporary Traffic Control Signal (Northbrook Ave/Manning Rd)	1	LS		
251	512	Temporary Traffic Control Signal (Staley Dr)	1	LS		
252	520	Fire Hydrant	23	EA		
253	520	3/4" Water Meter Box & Yoke	9	EA		
254	520	1" Water Meter Box & Yoke	5	EA		
255	520	3/4" Water Service Line	275	LF		
256	520	1" Water Service Line	372	LF		
257	520	Reconstruct Exist Manhole	20	VF		
258	520	4" DI Water Main	45	LF		
259	520	6" DI Water Main	622	LF		
260	520	8" DI Water Main	539	LF		
261	520	10" DI Water Main	58	LF		
262	520	12" DI Water Main	160	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
263	520	20" DI Water Main	1100	LF		
264	520	2" PVC Force Main	55	LF		
265	520	3" Water Main	26	LF		
266	520	4" DI Force Main	20	LF		
267	520	6" DI Force Main	405	LF		
268	520	8" DI Force Main	43	LF		
269	520	10" DI Force Main	1448	LF		
270	520	4" Gate Valve & Box	1	EA		
271	520	6" Gate Valve & Box	10	EA		
272	520	16" Gate Valve & Box	1	EA		
273	520	8"x6" Tapping Sleeve & Valve	4	EA		
274	520	20"x6" Tee	1	EA		
275	520	20"x8" Tapping Sleeve & Valve	2	EA		
276	520	20" 22.5° Bend Water	24	EA		
277	520	20" 45° Bend Water	14	EA		
278	520	20" Sleeve Water	13	EA		
279	510	Adjust Exist. Aire Vent Box	14	EA		
280	510	Adjust Exist. Valve Box	52	EA		
281	509	Flowable Fill Utility Abandon	797	CY		
282	520	6" Offset Existing Pipe	55	LF		
283	520	8" Offset Existing Pipe	148	LF		
284	520	10" Offset Existing Pipe	56	LF		
285	520	20" Offset Existing Pipe	115	LF		
286	520	24" Offset Existing Pipe	64	LF		
287	520	8" DI Sanitary Sewer Pipe	63	LF		
288	520	Sanitary Sewer Manhole	2	EA		
<b>UPC 100937 TOTAL BID PRICE:</b>			<b>\$ _____</b>			

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	1	LS		
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	602	Topsoil Class A 2"	450	CY		
67	602	Topsoil Class B 2"	450	CY		
68	603	Regular Seed	840	LB		
69	603	Overseeding	120	LB		
70	603	Temporary Seed	120	LB		
71	603	Fertilizer	1250	LB		
72	603	Lime	14	TON		

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



ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
97	ATTD	Roadway Luminaire (35FT MH, Dual 12FT Arms, 244W)	7	EA		
98	ATTD	Roadway Luminaire (35FT MH, 12FT Arms, 244W)	10	EA		
99	ATTD	Roadway Luminaire (35FT MH, 8FT Arms, 244W)	5	EA		
100	ATTD	City Standard Traffic Signal Cabinet	1	EA		
101	ATTD	City Standard Traffic Signal Controller	1	EA		
102	700	Concrete Foundation (CF-3)	1	EA		
103	703	Uninterruptible Power Supply Cabinet (Detached)	1	EA		
104	ATTD	Traffic UPS System with Natural Gas Generator Backup	1	EA		
105	700	Pedestal Pole (PF-2 10')	2	EA		
106	700	Pedestal Pole (PF-2 6')	1	EA		
107	700	Concrete Foundation (PF-2)	3	EA		
108	700	Signal Pole (MP-3, Type A)	1	EA		
109	700	Signal Pole (MP-3, Type B1)	2	EA		
110	700	Signal Pole (MP-3, Type E1)	1	EA		
111	700	Mast Arm (45')	1	EA		
112	700	Mast Arm (50')	1	EA		
113	700	Mast Arm (65')	1	EA		
114	700	Mast Arm (70')	1	EA		
115	700	Concrete Foundation (PF-8, no wing walls)	4	EA		
116	703	Traffic Signal Head Section, (LED 12", Retroreflective Backplate)	54	EA		
117	703	Pedestrian Signal Head (SP-8)	6	EA		
118	703	Hanger Assembly (SM-3 One-Way)	18	EA		
119	703	Hanger Assembly (SMB-3 One-Way)	6	EA		
120	701	Sign Panel	13	SF		

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

ITEM NO.	SPEC. SECTION	UPC 104359 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
145	ATTD	Pan/Tilt/Zoom Cable	100	LF		
146	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Single Text Line)	2	EA		
147	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Double Text Line)	2	EA		
148	700	Trench Excavation (ECI-1)	150	LF		
149	ATTD	Remove Existing Signal Equipment	1	LS		
150	511	Allaying Dust	200	HR		
151	512	Group 2 Channelizing Devices	26040	DAY		
152	512	Type III 3 Barricade 8'	7	EA		
153	512	Traffic Barrier Ser. Conc. MB-7D PC	3399	LF		
154	512	Electronic Arrow Board	1800	HR		
155	512	Truck Mounted Attenuator	1800	HR		
156	512	Impact Atten. Ser. Ty. 1 TL-3, >=40 MPH	12	EA		
157	512	Port. Changeable Mess. Sign	2688	HR		
158	512	Flagger Service	80	HR		
159	ATTD	Uniformed Flaggers	96	HR		
160	512	Eradication of Exist. Linear Pvmt Marking	10000	LF		
161	512	Type D Class II Temp Pvmt Mrkg 4"	26000	LF		
162	512	Type D Class II Temp Pvmt Mrkg 6"	13000	LF		
163	512	Type D Class II Temp Pvmt Mrkg 24"	530	LF		
164	512	Sign Wood Post 4" x 4"	40	LF		
165	512	Temporary (Construction) Sign	64	SF		
166	512	Temp. Pvmt Symbol Mrkg (Single Turn Arrow), Ty. A	8	EA		
167	512	Temporary Traffic Control Signal (Manning Bridge Road)	1	LS		
168	520	Fire Hydrant	1	EA		

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

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