

BID FORM

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

BID: Route 58 Improvements
IFB: 21033-JS
DUE: November 4, 2020
TIME: 3:00 p.m., Local

Bidder quotes firm price(s) below, exclusive of all state sales taxes, 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	20185	TON		
10	316	Asphalt Concrete Ty. IM-19.0D	43511	TON		
11	315	Asphalt Concrete Ty. BM-25.0A	60442	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	270	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	3685	LF		
42	302	24" Conc. Pipe	6267	LF		
43	302	30" Conc. Pipe	6629	LF		
44	302	36" Conc. Pipe	1579	LF		
45	302	42" Conc. Pipe	868	LF		
46	302	48" Conc. Pipe	363	LF		
47	302	12" End Section ES-1	3	EA		
48	302	15" End Section ES-1	17	EA		
49	302	18" End Section ES-1	6	EA		
50	302	24" End Section ES-1	6	EA		
51	302	30" End Section ES-1	2	EA		
52	302	36" End Section ES-1	3	EA		
53	302	42" End Section ES-1	2	EA		
54	302	48" End Section ES-1	2	EA		
55	303	Minor Structure Excavation	1353	CY		
56	302	Drop Inlet DI-1	6	EA		
57	302	Drop Inlet DI-2A, L=3.5'	2	EA		
58	302	Drop Inlet DI-2B, L=4'	9	EA		
59	302	Drop Inlet DI-2B, L=6'	7	EA		
60	302	Drop Inlet DI-2B, L=8'	1	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
61	302	Drop Inlet DI-2B, L=14'	1	EA		
62	302	Drop Inlet DI-2BB, L=4'	3	EA		
63	302	Drop Inlet DI-2BB, L=6'	1	EA		
64	302	Drop Inlet DI-2BB, L=8'	1	EA		
65	302	Drop Inlet DI-2C, L=6'	1	EA		
66	302	Drop Inlet DI-2C, L=20'	1	EA		
67	302	Drop Inlet DI-2D, L=4.67'	1	EA		
68	302	Drop Inlet DI-2E, L=4'	1	EA		
69	302	Drop Inlet DI-2EE, L=6'	1	EA		
70	302	Drop Inlet DI-2EE, L=8'	1	EA		
71	302	Drop Inlet DI-3A, L=2.5'	5	EA		
72	302	Drop Inlet DI-3AA, L=2.5'	1	EA		
73	302	Drop Inlet DI-3B, L=4'	35	EA		
74	302	Drop Inlet DI-3B, L=6'	38	EA		
75	302	Drop Inlet DI-3B, L=8'	26	EA		
76	302	Drop Inlet DI-3B, L=12'	1	EA		
77	302	Drop Inlet DI-3B, L=14'	2	EA		
78	302	Drop Inlet DI-3BB, L=4'	4	EA		
79	302	Drop Inlet DI-3BB, L=6'	7	EA		
80	302	Drop Inlet DI-3BB, L=8'	3	EA		
81	302	Drop Inlet DI-3BB, L=10'	2	EA		
82	302	Drop Inlet DI-3BB, L=16'	1	EA		
83	302	Drop Inlet DI-3C, L=6'	5	EA		
84	302	Drop Inlet DI-3C, L=8'	2	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
85	302	Drop Inlet DI-3C, L=10'	2	EA		
86	302	Drop Inlet DI-3C, L=12'	4	EA		
87	302	Drop Inlet DI-3C, L=20'	3	EA		
88	302	Drop Inlet DI-3CC, L=12'	1	EA		
89	302	Drop Inlet DI-4A, L=4'	2	EA		
90	302	Drop Inlet DI-4AA, L=4'	1	EA		
91	302	Drop Inlet DI-4B, L=6'	9	EA		
92	302	Drop Inlet DI-4B, L=8'	1	EA		
93	302	Drop Inlet DI-4BB, L=6'	3	EA		
94	302	Drop Inlet DI-4BB, L=8'	2	EA		
95	302	Drop Inlet DI-4C, L=20'	1	EA		
96	302	Drop Inlet DI-5, Grate A Type I	8	EA		
97	302	Manhole, MH-1 or 2	204	LF		
98	302	Frame & Cover, MH-1	34	EA		
99	414	Erosion Control Stone EC-1, CL I	283	TON		
100	510	Modify Existing Structure	8	EA		
101	302	Storm Water Man. Drain Structure, SWM-1	17	LF		
102	PLAN	Aquatic Bench Planting	1	LS		
103	302	Concrete Class A4 Box Culvert	192	CY		
104	302,406	Reinf. Steel (Box Culvert)	33330	LB		
105	704	Type B Class I Pvmt Line Mrkg 4"	33936	LF		
106	704	Type B Class I Pvmt Line Mrkg 6"	72492	LF		
107	704	Type B Class I Pvmt Line Mrkg 24"	3455	LF		
108	704	Pvmt Symb Mrkg Sgl Turn Arrow Ty B Cl I	156	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
109	704	Pvmt Symb Mrkg Dbl Turn Arrow Ty B Cl I	9	EA		
110	704	Pvmt Message Mrkg "SCHOOL"	2	EA		
111	704	Pvmt Symb Mrkg Lane Reduction Arrow Ty B Cl I	3	EA		
112	704	Pvmt Symb Mrkg Yield 1" x 1.5" Ty B Cl I	9	EA		
113	701	Sign Panel	293	SF		
114	700	Sign Post STP-1, 2-1/2", 12 Gage	1221	LF		
115	700	Conc. Sign Foundation STP-1, Type A	111	EA		
116	510	Relocate Exist. I Post Ground Mount Sign Panel	67	EA		
117	303	Temp. Silt Fence Type A	22475	LF		
118	303	Inlet Protection, Type A	17	EA		
119	303	Inlet Protection, Type B	202	EA		
120	303	Turbidity Curtain, Ty. III	60	LF		
121	303	Check Dam. Rock Ty. II	243	EA		
122	303	Culvert Inlet Protection	11	EA		
123	602	Topsoil Class A 2"	3000	CY		
124	602	Topsoil Class B 2"	3000	CY		
125	603	Regular Seed	4000	LB		
126	603	Overseeding	2500	LB		
127	603	Temporary Seed	2500	LB		
128	603	Fertilizer	40000	LB		
129	603	Lime	40	TON		
130	508	Demo of Pavement Flexible	29000	SY		
131	508	Demo of Pavement Rigid	10300	SY		
132	505	Remove Existing Guardrail Terminal	6	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
133	505	Remove Existing Guardrail	860	LF		
134	510	Remove/Relocate Exist. Mailbox	106	EA		
135	510	Remove Exist Pipe	7392	LF		
136	510	Remove Exist Drainage Structure	52	EA		
137	509	Flowable Backfill	80	CY		
138	516	Closing Well	10	EA		
139	605	Tree Natchez Crape Myrtle	12	EA		
140	605	Tree Little Gem Magnolia	12	EA		
141	605	Tree Willow Oak	5	EA		
142	605	Tree Bosque Elm	4	EA		
143	605	Shrub Steeds Holly	21	EA		
144	605	Shrub Nellie Stephens Holly	11	EA		
145	605	Shrub Sargents Juniper	50	EA		
146	605	Shrub Ruby Loropetalum Fringe Flower	20	EA		
147	605	Shrub Autumn Bravo Encore Azalea	21	EA		
148	605	Shrub Double Knock Out Red Rose	8	EA		
149	PLAN	4' High Ornamental Fence	155	LF		
150	PLAN	Masonry Columns	2	EA		
151	700	4 Conductor Cable	48367	LF		
152	700	6 Conductor Cable	20750	LF		
153	808	Fiber Optic Cable 144 Strand	14574	LF		
154	808	Fiber Optic Drop Cable 12 Strand	364	LF		
155	510	Modify Underground Splice Enclosure	1	EA		
156	808	Underground Splice Enclosure	4	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
157	809	Managed Field Ethernet Switch 100 MBPS	4	EA		
158	809	Distribution SFP Module 100 MBPS, LC, and Short Haul	8	EA		
159	700	2" PVC Conduit (SCH. 40)	12784	LF		
160	700	2" HDPE Conduit (SCH. 80)	2967	LF		
161	700	Trench Excavation ECI-1	12784	LF		
162	700	Bored Conduit 2"	2967	LF		
163	700	Junction Box JB-S1	118	EA		
164	700	Junction Box JB-S2	53	EA		
165	700	Junction Box JB-S3	5	EA		
166	700	Electrical Service SE-9 Type B	2	EA		
167	705	Control Center CCW-1 Type B	2	EA		
168	ATTD	Lighting Controller Gateway	2	EA		
169	ATTD	Lighting Controller Node	180	EA		
170	ATTD	Roadway Luminaire (35FT MH, Dual 12FT Arms, 244W)	67	EA		
171	ATTD	Roadway Luminaire (35FT MH, 12FT Arms, 244W)	46	EA		
172	ATTD	City Standard Traffic Signal Cabinet	3	EA		
173	ATTD	City Standard Traffic Signal Controller	3	EA		
174	700	Concrete Foundation (CF-3)	3	EA		
175	703	Uninterruptible Power Supply Cabinet (Detached)	3	EA		
176	ATTD	Traffic UPS System with Natural Gas Generator Backup	3	EA		
177	700	Pedestal Pole (PF-2 15')	1	EA		
178	700	Pedestal Pole (PF-2 10')	24	EA		
179	700	Concrete Foundation (PF-2)	25	EA		
180	700	Signal Pole (MP-3, Type A)	2	EA		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
181	700	Signal Pole (MP-3, Type D)	1	EA		
182	700	Signal Pole (MP-3, Type B1)	7	EA		
183	700	Signal Pole (MP-3, Type E1)	2	EA		
184	700	Mast Arm (35')	1	EA		
185	700	Mast Arm (40')	2	EA		
186	700	Mast Arm (55')	1	EA		
187	700	Mast Arm (65')	3	EA		
188	700	Mast Arm (70')	2	EA		
189	700	Mast Arm (75')	3	EA		
190	700	Concrete Foundation (PF-8, no wing walls)	12	EA		
191	703	Traffic Signal Head Section, (LED 12", HVS Backplate)	192	EA		
192	703	Pedestrian Signal Head (SP-8)	28	EA		
193	703	Hanger Assembly (SM-3 One-Way)	62	EA		
194	703	Hanger Assembly (SMB-1 One-Way)	1	EA		
195	703	Hanger Assembly (SMB-3 One-Way)	28	EA		
196	701	Sign Panel	189	SF		
197	703	Pedestrian Actuation (PA-2)	26	EA		
198	700	Electrical Service (SE-5)	3	EA		
199	700	Electrical Service Grounding Electrode (10-foot)	3	EA		
200	700	Junction Box (JB-S2)	13	EA		
201	700	Junction Box (JB-S3)	3	EA		
202	700	Conduit (2" GRS)	90	LF		
203	700	Conduit (2" PVC)	340	LF		
204	700	Conduit (3" PVC)	755	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
205	700	Bored Conduit (3" HDPE)	1840	LF		
206	700	Conduit (4" PVC)	10	LF		
207	700	Bored Conduit (4" HDPE)	480	LF		
208	700	Conductor Cable, 1C/6 AWG	270	LF		
209	700	Conductor Cable, 2C/14 AWG	6600	LF		
210	700	Conductor Cable, 5C/14 AWG	17300	LF		
211	700	Conductor Cable, 7C/14 AWG	6650	LF		
212	700	Conductor Cable, 3C/12 AWG	4350	LF		
213	703	Emergency Vehicle Preemption Detection System (4 Way)	4	EA		
214	703	Emergency Vehicle Preemption Detector Cable	4450	LF		
215	ATTD	Wifi Detector	3	EA		
216	ATTD	Video Detection System	3	EA		
217	ATTD	Video Detection Cable	6350	LF		
218	ATTD	Pan/Tilt/Zoom Camera and Equipment	3	EA		
219	ATTD	Pan/Tilt/Zoom Cable	600	LF		
220	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Single Text Line)	9	EA		
221	ATTD	LED Internally Illuminated Street Name Sign (96", Mast Arm Mounted, Single Face, Double Text Line)	4	EA		
222	700	Trench Excavation (ECI-1)	625	LF		
223	ATTD	Remove Existing Signal Equipment	3	LS		
224	511	Allaying Dust	675	HR		
225	512	Group 2 Channelizing Devices	845000	DAY		
226	512	Type III 3 Barricade 8'	80	EA		
227	512	Traffic Barrier Ser. Conc. MB-7D PC	6000	LF		
228	512	Electronic Arrow Board	28800	HR		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
229	512	Truck Mounted Attenuator	21600	HR		
230	512	Impact Atten. Ser. Ty. 1 TL-3, >=40 MPH	16	EA		
231	512	Port. Changeable Mess. Sign	21600	HR		
232	512	Flagger Service	640	HR		
233	ATTD	Uniformed Flaggers	384	HR		
234	512	Eradication of Exist. Linear Pvmt Marking	100000	LF		
235	512	Type D Class II Temp Pvmt Mrkg 4"	289343	LF		
236	512	Type D Class II Temp Pvmt Mrkg 6"	11550	LF		
237	512	Type D Class II Temp Pvmt Mrkg 24"	1290	LF		
238	512	Sign Wood Post 4" x 4"	1770	LF		
239	512	Temporary (Construction) Sign	2000	SF		
240	512	Temp. Pvmt Symbol Mrkg (Single Turn Arrow), Ty. A	109	EA		
241	512	Temporary Traffic Control Signal (Centerpoint Drive)	1	LS		
242	512	Temporary Traffic Control Signal (Kenyon Rd/Forest Glen Dr)	1	LS		
243	512	Temporary Traffic Control Signal (Northbrook Ave/Manning Rd)	1	LS		
244	512	Temporary Traffic Control Signal (Staley Dr)	1	LS		
245	520	Fire Hydrant	23	EA		
246	520	3/4" Water Meter Box & Yoke	9	EA		
247	520	1" Water Meter Box & Yoke	5	EA		
248	520	3/4" Water Service Line	275	LF		
249	520	1" Water Service Line	372	LF		
250	520	Reconstruct Exist Manhole	20	VF		
251	520	4" DI Water Main	45	LF		
252	520	6" DI Water Main	622	LF		

ITEM NO.	SPEC. SECTION	UPC 100937 DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
253	520	8" DI Water Main	539	LF		
254	520	10" DI Water Main	58	LF		
255	520	12" DI Water Main	160	LF		
256	520	20" DI Water Main	1100	LF		
257	520	2" DI Force Main	55	LF		
258	520	4" DI Force Main	20	LF		
259	520	6" DI Force Main	405	LF		
260	520	8" DI Force Main	43	LF		
261	520	10" DI Force Main	1448	LF		
262	520	4" Gate Valve & Box	1	EA		
263	520	6" Gate Valve & Box	10	EA		
264	520	16" Gate Valve & Box	1	EA		
265	520	8"x6" Tapping Sleeve & Valve	4	EA		
266	520	20"x6" Tee	1	EA		
267	520	20"x8" Tapping Sleeve & Valve	2	EA		
268	520	20" 22.5° Bend Water	24	EA		
269	520	20" 45° Bend Water	14	EA		
270	520	20" Sleeve Water	13	EA		
271	510	Adjust Exist. Aire Vent Box	14	EA		
272	510	Adjust Exist. Valve Box	52	EA		
273	509	Flowable Fill Utility Abandon	797	CY		
274	520	6" Offset Existing Pipe	55	LF		
275	520	8" Offset Existing Pipe	148	LF		
276	520	10" Offset Existing Pipe	56	LF		
277	520	20" Offset Existing Pipe	115	LF		
278	520	24" Offset Existing Pipe	64	LF		
279	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	2837	TON		
9	316	Asphalt Concrete Ty. IM-19.0D	6911	TON		
10	315	Asphalt Concrete Ty. BM-25.0A	9992	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	97	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		
UPC 104359 TOTAL BID PRICE:				\$ _____		

TOTAL BID PRICE 100937 and 104359 \$ _____