



Construction - Old Wire Rd. Protected Bike Lane & Sidewalk Project

Bid No. 18-21

Official Bid Tabulation

Bid No. 18-21

Date: 02.15.2018

Time: 2:00 PM

Lionel Jordan, Mayor

Certification of Funds: \$3,860,000.00

Max Bid Award Limit: \$4,825,00.00

Number of Addendums: 2

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	APAC-Central, Inc.		Goodwin & Goodwin, Inc.		Sweetser Construction, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BID SCHEDULE 1									
1	Mobilization (Shall not exceed 5% of Total Bid)	LS	1	\$ 218,000.00	\$ 218,000.00	\$ 175,000.00	\$ 175,000.00	\$ 90,000.00	\$ 90,000.00
2	Insurance and Bonding	LS	1	\$ 12,500.00	\$ 12,500.00	\$ 175,000.00	\$ 175,000.00	\$ 56,200.00	\$ 56,200.00
3	Roadway Construction Control (Staking)	LS	1	\$ 49,000.00	\$ 49,000.00	\$ 60,000.00	\$ 60,000.00	\$ 46,500.00	\$ 46,500.00
4	Trench & Excavation Safety Systems	LS	1	\$ 10,500.00	\$ 10,500.00	\$ 15,000.00	\$ 15,000.00	\$ 2,000.00	\$ 2,000.00
5	Clearing, Grubbing, & Demolition	LS	1	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 85,000.00	\$ 40,000.00	\$ 40,000.00
6	R&D Existing Storm Sewer	LS	726	\$ 10.64	\$ 7,724.64	\$ 15.00	\$ 10,890.00	\$ 10.00	\$ 7,260.00
7	R&D Existing Curb & Gutter	LF	1,805	\$ 9.46	\$ 17,075.30	\$ 12.00	\$ 21,660.00	\$ 10.00	\$ 18,050.00
8	R&D Existing Asphalt Pavement	SY	1,156	\$ 10.55	\$ 12,195.80	\$ 12.00	\$ 13,872.00	\$ 10.00	\$ 11,560.00
9	R&D Existing Concrete Driveway	SY	1,600	\$ 14.47	\$ 23,152.00	\$ 15.00	\$ 24,000.00	\$ 10.00	\$ 16,000.00
10	R&D Existing Concrete Driveway	SY	628	\$ 11.65	\$ 7,316.20	\$ 15.00	\$ 9,420.00	\$ 10.00	\$ 6,280.00
11	R&D Existing Bridge, Headwalls, Wingwalls and Slope Paving at Overcrest	LS	1	\$ 10,717.53	\$ 10,717.53	\$ 6,000.00	\$ 6,000.00	\$ 9,000.00	\$ 9,000.00
12	R&D Existing Storm Drain Inlet or Junction Box	EA	6	\$ 1,469.07	\$ 8,814.42	\$ 800.00	\$ 4,800.00	\$ 500.00	\$ 3,000.00
13	R&D Existing 6' Wood Privacy Fence	LF	605	\$ 5.98	\$ 3,617.90	\$ 8.00	\$ 4,840.00	\$ 5.00	\$ 3,025.00
14	Remove and Salvage Existing 3-Rail White Fence	LF	360	\$ 10.91	\$ 3,927.60	\$ 6.00	\$ 2,160.00	\$ 10.00	\$ 3,600.00
15	R&D Existing Traffic Signal Poles, Mast Arms, Heads and Appurtenances & Return	LS	1	\$ 5,400.00	\$ 5,400.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00
16	R&D Existing Street Sign and Return to Owner	EA	19	\$ 229.45	\$ 4,359.55	\$ 100.00	\$ 1,900.00	\$ 100.00	\$ 1,900.00
17	R&D Existing Guardrail	EA	3	\$ 1,309.39	\$ 3,928.17	\$ 800.00	\$ 2,400.00	\$ 900.00	\$ 2,700.00
18	R&D Existing Retaining Walls	LS	1	\$ 7,691.41	\$ 7,691.41	\$ 6,000.00	\$ 6,000.00	\$ 9,100.00	\$ 9,100.00
19	R&D Existing Concrete Sidewalk	SY	645	\$ 11.35	\$ 7,320.75	\$ 15.00	\$ 9,675.00	\$ 10.00	\$ 6,450.00
20	R&D Existing Mailbox	EA	19	\$ 349.08	\$ 6,632.52	\$ 100.00	\$ 1,900.00	\$ 100.00	\$ 1,900.00
21	Unclassified Excavation (Plan Quantity)	CY	3,890	\$ 27.50	\$ 106,975.00	\$ 8.00	\$ 31,120.00	\$ 16.50	\$ 64,185.00
22	Select Embankment (Plan Quantity)	CY	9,645	\$ 29.75	\$ 286,938.75	\$ 17.00	\$ 163,965.00	\$ 22.00	\$ 212,190.00
23	Embankment (Plan Quantity)	CY	2,764	\$ 27.00	\$ 74,628.00	\$ 14.00	\$ 38,696.00	\$ 22.00	\$ 60,808.00
24	Rock Excavation	CY	100	\$ 165.86	\$ 16,586.00	\$ 125.00	\$ 12,500.00	\$ 225.00	\$ 22,500.00
25	Subgrade Preparation (Plan Quantity)	SY	13,877	\$ 3.43	\$ 47,598.11	\$ 4.00	\$ 55,508.00	\$ 4.00	\$ 55,508.00
26	4" Topsoil Placement	SY	10,200	\$ 11.34	\$ 115,668.00	\$ 3.00	\$ 30,600.00	\$ 4.50	\$ 45,900.00
27	*Undercut and Stone Backfill	CY	100	\$ 66.92	\$ 6,692.00	\$ 35.00	\$ 3,500.00	\$ 38.00	\$ 3,800.00
28	18" RCP, Class III, Under Pavement	LF	398	\$ 55.51	\$ 22,092.98	\$ 85.00	\$ 33,830.00	\$ 50.00	\$ 19,900.00
29	18" RCP, Class III	LF	1,613	\$ 41.10	\$ 66,294.30	\$ 45.00	\$ 72,585.00	\$ 43.00	\$ 69,359.00
30	24" RCP, Class III, Under Pavement	LF	302	\$ 72.38	\$ 21,858.76	\$ 105.00	\$ 31,710.00	\$ 77.00	\$ 23,254.00
31	24" RCP, Class III	LF	920	\$ 57.53	\$ 52,927.60	\$ 65.00	\$ 59,800.00	\$ 66.00	\$ 60,720.00
32	30" RCP, Class III	LF	11	\$ 128.80	\$ 1,416.80	\$ 150.00	\$ 1,650.00	\$ 90.00	\$ 990.00
33	36" RCP, Class III, Under Pavement	LF	42	\$ 146.05	\$ 6,134.10	\$ 175.00	\$ 7,350.00	\$ 175.00	\$ 7,350.00
34	36" RCP, Class III	LF	114	\$ 101.53	\$ 11,574.42	\$ 115.00	\$ 13,110.00	\$ 151.50	\$ 17,271.00
35	42" RCP, Class III	LF	19	\$ 149.11	\$ 2,833.09	\$ 200.00	\$ 3,800.00	\$ 172.50	\$ 3,277.50
36	48" RCP, Class III, Under Pavement	LF	168	\$ 148.33	\$ 24,919.44	\$ 225.00	\$ 37,800.00	\$ 213.00	\$ 35,784.00
37	48" RCP, Class III	LF	547	\$ 122.99	\$ 67,275.53	\$ 175.00	\$ 95,725.00	\$ 177.50	\$ 97,092.50
38	18" RCP FES w/ Curtain Wall	EA	8	\$ 852.45	\$ 6,819.60	\$ 1,200.00	\$ 9,600.00	\$ 850.00	\$ 6,800.00
39	Concrete Collar (Connection to Existing Storm Sewer)	EA	3	\$ 1,631.58	\$ 4,894.74	\$ 1,000.00	\$ 3,000.00	\$ 200.00	\$ 600.00
40	4' DIA. Drop Inlet	EA	21	\$ 4,308.50	\$ 90,478.50	\$ 3,800.00	\$ 79,800.00	\$ 2,800.00	\$ 58,800.00
41	5' DIA. Drop Inlet	EA	2	\$ 4,082.21	\$ 8,164.42	\$ 4,300.00	\$ 8,600.00	\$ 3,800.00	\$ 7,600.00
42	6' DIA. Drop Inlet	EA	8	\$ 6,751.23	\$ 54,009.84	\$ 5,000.00	\$ 40,000.00	\$ 4,600.00	\$ 36,800.00
43	4' x 8' Drop Inlet (DI 26)	EA	1	\$ 7,944.55	\$ 7,944.55	\$ 17,000.00	\$ 17,000.00	\$ 5,200.00	\$ 5,200.00
44	6' x 8' Drop Inlet (E. Elmwood Dr.)	EA	1	\$ 8,719.80	\$ 8,719.80	\$ 14,000.00	\$ 14,000.00	\$ 5,500.00	\$ 5,500.00
45	6' x 15 5' Double Inlet (DI 14 and DI 15)	LS	1	\$ 15,946.81	\$ 15,946.81	\$ 24,000.00	\$ 24,000.00	\$ 9,800.00	\$ 9,800.00
46	4' Drop Inlet Extension	EA	18	\$ 772.32	\$ 13,901.76	\$ 1,000.00	\$ 18,000.00	\$ 800.00	\$ 14,400.00
47	12' Drop Inlet Extension	EA	1	\$ 2,638.66	\$ 2,638.66	\$ 3,000.00	\$ 3,000.00	\$ 2,400.00	\$ 2,400.00
48	Trench Drain (W. Overcrest)	EA	2	\$ 14,514.22	\$ 29,028.44	\$ 11,000.00	\$ 22,000.00	\$ 9,000.00	\$ 18,000.00
49	Remove Existing Inlet Top and Adjust to Grade Incl. Back Opening (E. Overcrest)	LS	1	\$ 4,483.71	\$ 4,483.71	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
50	12" Nyloplast Drain Basin with Grate	EA	2	\$ 2,393.89	\$ 4,787.78	\$ 1,400.00	\$ 2,800.00	\$ 1,800.00	\$ 3,600.00
51	12" ADS N12 Storm Sewer Pipe	LF	112	\$ 24.60	\$ 2,755.20	\$ 40.00	\$ 4,480.00	\$ 34.00	\$ 3,808.00
52	12' x 4' Reinforced Concrete Box Culvert with Headwalls and Wingwalls	LS	1	\$ 127,040.70	\$ 127,040.70	\$ 82,000.00	\$ 82,000.00	\$ 99,000.00	\$ 99,000.00
53	Rip Rap w/ Filter Blanket	SY	25	\$ 137.63	\$ 3,440.75	\$ 80.00	\$ 2,000.00	\$ 75.00	\$ 1,875.00
54	Pavement Milling	SY	7,821	\$ 6.25	\$ 48,881.25	\$ 8.00	\$ 62,568.00	\$ 2.90	\$ 22,680.90
55	Class 7 Aggregate Base Course	TON	1,269	\$ 30.69	\$ 38,945.61	\$ 38.00	\$ 48,222.00	\$ 28.00	\$ 35,532.00

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	APAC-Central, Inc.		Goodwin & Goodwin, Inc.		Sweetser Construction, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
56	HMAC Surface Course (PG70-22)	TON	1,255	\$ 96.00	\$ 120,480.00	\$ 100.00	\$ 125,500.00	\$ 77.30	\$ 97,011.50
57	HMAC Binder Course (PG70-22)	TON	261	\$ 96.00	\$ 25,056.00	\$ 125.00	\$ 32,625.00	\$ 73.85	\$ 19,274.85
58	Asphalt Concrete Patching for Maintenance of Traffic	TON	75	\$ 450.00	\$ 33,750.00	\$ 200.00	\$ 15,000.00	\$ 125.00	\$ 9,375.00
59	Aggregate Base for Roadway Maintenance	TON	50	\$ 253.59	\$ 12,679.50	\$ 65.00	\$ 3,250.00	\$ 28.00	\$ 1,400.00
60	Asphalt Street T-Patch	SY	250	\$ 67.05	\$ 16,762.50	\$ 115.00	\$ 28,750.00	\$ 75.00	\$ 18,750.00
61	4" Class B 4000 PSI Concrete Pavement (For Road Widening)	SY	545	\$ 29.51	\$ 16,082.95	\$ 65.00	\$ 35,425.00	\$ 52.00	\$ 28,340.00
62	18" Concrete Curb & Gutter	LF	5,880	\$ 17.88	\$ 105,134.40	\$ 18.00	\$ 105,840.00	\$ 14.00	\$ 82,320.00
63	24" Concrete Curb & Gutter	LF	428	\$ 38.13	\$ 16,319.64	\$ 25.00	\$ 10,700.00	\$ 14.00	\$ 5,992.00
64	Stamped Concrete Buffer	SY	1,620	\$ 160.13	\$ 259,410.60	\$ 90.00	\$ 145,800.00	\$ 136.18	\$ 220,611.60
65	4" Concrete Cycle Track w/ Class & Base	SY	4,900	\$ 41.93	\$ 205,457.00	\$ 65.00	\$ 318,500.00	\$ 45.00	\$ 220,500.00
66	4" Concrete Sidewalk w/ Class 7 Base	SY	2,300	\$ 48.90	\$ 112,470.00	\$ 48.00	\$ 110,400.00	\$ 45.00	\$ 103,500.00
67	6" Wide Concrete Sidewalk Turndown	LF	40	\$ 239.79	\$ 9,591.60	\$ 50.00	\$ 2,000.00	\$ 20.00	\$ 800.00
68	6" Concrete Driveway w/ Class 7 Base	SY	940	\$ 72.33	\$ 67,990.20	\$ 68.00	\$ 63,920.00	\$ 56.00	\$ 52,640.00
69	Cast-in-Place Detectable Warning Devices (Truncated Domes)	SF	266	\$ 12.60	\$ 3,351.60	\$ 35.00	\$ 9,310.00	\$ 20.00	\$ 5,320.00
70	Refuge Island (Township Intersection)	LS	1	\$ 14,078.76	\$ 14,078.76	\$ 12,000.00	\$ 12,000.00	\$ 6,250.00	\$ 6,250.00
71	Modular Block Retaining Wall	SF	4,450	\$ 28.57	\$ 127,136.50	\$ 65.00	\$ 289,250.00	\$ 48.00	\$ 213,600.00
72	Brown Washed River Rock with Fabric	SY	345	\$ 33.97	\$ 11,719.65	\$ 22.00	\$ 7,590.00	\$ 35.00	\$ 12,075.00
73	Furnish and Install Mailbox	EA	19	\$ 208.72	\$ 3,965.68	\$ 200.00	\$ 3,800.00	\$ 200.00	\$ 3,800.00
74	Solid Sod	SY	10,200	\$ 4.16	\$ 42,432.00	\$ 4.00	\$ 40,800.00	\$ 4.00	\$ 40,800.00
75	6' Wood Privacy Fence	LF	940	\$ 32.40	\$ 30,456.00	\$ 35.00	\$ 32,900.00	\$ 30.00	\$ 28,200.00
76	2 Rail Wood Fence	LF	70	\$ 27.00	\$ 1,890.00	\$ 30.00	\$ 2,100.00	\$ 25.00	\$ 1,750.00
77	Ameristar Fence	LF	363	\$ 54.00	\$ 19,602.00	\$ 40.00	\$ 14,520.00	\$ 50.00	\$ 18,150.00
78	Temporary Chain Link Fence	LF	100	\$ 28.08	\$ 2,808.00	\$ 15.00	\$ 1,500.00	\$ 26.00	\$ 2,600.00
79	Tree Protection Fencing (Use as Directed)	LF	500	\$ 11.32	\$ 5,660.00	\$ 8.00	\$ 4,000.00	\$ 5.00	\$ 2,500.00
80	24" Solid White Pavement Markings (Thermoplastic)	LF	44	\$ 27.00	\$ 1,188.00	\$ 30.00	\$ 1,320.00	\$ 25.00	\$ 1,100.00
81	Brick Pattern Pavement Marking (Thermoplastic)	SF	192	\$ 37.80	\$ 7,257.60	\$ 45.00	\$ 8,640.00	\$ 35.00	\$ 6,720.00
82	8" Solid Yellow Pavement Marking (Paint)	LF	4,250	\$ 5.40	\$ 22,950.00	\$ 6.00	\$ 25,500.00	\$ 5.00	\$ 21,250.00
83	6" Solid White Pavement Markings (Thermoplastic)	LF	940	\$ 1.35	\$ 1,269.00	\$ 1.50	\$ 1,410.00	\$ 1.25	\$ 1,175.00
84	4" Solid White Pavement Markings (Thermoplastic)	LF	20	\$ 1.08	\$ 21.60	\$ 1.50	\$ 30.00	\$ 1.00	\$ 20.00
85	4" Solid Yellow Pavement Markings (Paint)	LF	406	\$ 2.16	\$ 876.96	\$ 3.00	\$ 1,218.00	\$ 2.00	\$ 812.00
86	6" Solid Yellow Pavement Markings (Paint)	LF	16	\$ 3.24	\$ 51.84	\$ 4.00	\$ 64.00	\$ 3.00	\$ 48.00
87	6" Solid White Pavement Markings (Paint)	LF	16	\$ 3.24	\$ 51.84	\$ 4.00	\$ 64.00	\$ 3.00	\$ 48.00
88	4" Skip Yellow Pavement Markings (Paint)	LF	1,162	\$ 2.16	\$ 2,509.92	\$ 3.00	\$ 3,486.00	\$ 2.00	\$ 2,324.00
89	6" Solid Double Yellow Pavement Markings (Thermoplastic)	LF	4,868	\$ 2.70	\$ 13,143.60	\$ 3.00	\$ 14,604.00	\$ 2.50	\$ 12,170.00
90	12" Solid White Stop Bar (Thermoplastic)	LF	245	\$ 16.20	\$ 3,969.00	\$ 18.00	\$ 4,410.00	\$ 15.00	\$ 3,675.00
91	72" x 24" White Crosswalk Stripe (Thermoplastic)	EA	84	\$ 162.00	\$ 13,608.00	\$ 175.00	\$ 14,700.00	\$ 150.00	\$ 12,600.00
92	20" x 20" White Elephant Feet (Thermoplastic)	EA	140	\$ 32.40	\$ 4,536.00	\$ 32.00	\$ 4,480.00	\$ 30.00	\$ 4,200.00
93	Green Bicycle Lane Coating for Intersections	SF	4,458	\$ 27.00	\$ 120,366.00	\$ 30.00	\$ 133,740.00	\$ 25.00	\$ 111,450.00
94	White Pavement Symbols (Arrows - Thermoplastic)	EA	35	\$ 432.00	\$ 15,120.00	\$ 425.00	\$ 14,875.00	\$ 400.00	\$ 14,000.00
95	White Pavement Symbols ("Only" - Thermoplastic)	EA	6	\$ 486.00	\$ 2,916.00	\$ 475.00	\$ 2,850.00	\$ 450.00	\$ 2,700.00
96	Pavement Symbols (Helmeted Bicyclist Symbol - Thermo.)	EA	21	\$ 810.00	\$ 17,010.00	\$ 825.00	\$ 17,325.00	\$ 750.00	\$ 15,750.00
97	24" x 30" R2-1 Speed Limit Sign with Support	EA	7	\$ 432.00	\$ 3,024.00	\$ 450.00	\$ 3,150.00	\$ 400.00	\$ 2,800.00
98	30" x 30" R1-1 Stop Sign with Support	EA	6	\$ 432.00	\$ 2,592.00	\$ 450.00	\$ 2,700.00	\$ 400.00	\$ 2,400.00
99	D3-1 Street Name Sign with Mounting Hardware	EA	10	\$ 432.00	\$ 4,320.00	\$ 450.00	\$ 4,500.00	\$ 400.00	\$ 4,000.00
100	12" x 18" R9-7 Traffic Sign with Support	EA	1	\$ 432.00	\$ 432.00	\$ 475.00	\$ 475.00	\$ 400.00	\$ 400.00
101	24" x 18" R3-17 Bike Lane Sign with Support	EA	2	\$ 432.00	\$ 864.00	\$ 475.00	\$ 950.00	\$ 400.00	\$ 800.00
102	24" x 8" R3-17bP Ends Sign with Support	EA	2	\$ 432.00	\$ 864.00	\$ 475.00	\$ 950.00	\$ 400.00	\$ 800.00
103	24" x 24" W2-4 Traffic Sign with 18" x 9" W(Special) Look Sign w/Support	EA	20	\$ 432.00	\$ 8,640.00	\$ 475.00	\$ 9,500.00	\$ 400.00	\$ 8,000.00
104	30" x 30" R10-15 Traffic Sign with Support	EA	29	\$ 432.00	\$ 12,528.00	\$ 475.00	\$ 13,775.00	\$ 400.00	\$ 11,600.00
105	12" x 8" R-10-10b Bicycle Signal Sign	EA	2	\$ 432.00	\$ 864.00	\$ 475.00	\$ 950.00	\$ 275.00	\$ 550.00
106	9" x 15" R10-3e Traffic Sign (Signal Poles)	EA	4	\$ 70.20	\$ 280.80	\$ 85.00	\$ 3,400.00	\$ 65.00	\$ 260.00
107	30" x 36" R10-12M Traffic Sign (Mast Arm)	EA	4	\$ 334.80	\$ 1,339.20	\$ 1,200.00	\$ 4,800.00	\$ 310.00	\$ 1,240.00
108	D3-1 Intersection Guide Signs (Mast Arm)	EA	4	\$ 540.00	\$ 2,160.00	\$ 1,200.00	\$ 4,800.00	\$ 500.00	\$ 2,000.00
109	30" x 30" Traffic Sign - Special (Hawk Arm)	EA	2	\$ 297.00	\$ 594.00	\$ 1,500.00	\$ 3,000.00	\$ 275.00	\$ 550.00
110	Relocate Existing Utility Sign	EA	1	\$ 432.00	\$ 432.00	\$ 400.00	\$ 400.00	\$ 200.00	\$ 200.00
111	Traffic Control & Maintenance	LS	1	\$ 157,509.07	\$ 157,509.07	\$ 68,000.00	\$ 68,000.00	\$ 326,600.00	\$ 326,600.00
112	Project Signs	EA	2	\$ 756.00	\$ 1,512.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00
113	Site Photographs & Video	LS	1	\$ 8,189.99	\$ 8,189.99	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
114	Erosion Control Sediment Log Check	EA	2	\$ 81.00	\$ 162.00	\$ 1,000.00	\$ 2,000.00	\$ 350.00	\$ 700.00
115	Erosion Control Curb Inlet Protection	EA	32	\$ 189.00	\$ 6,048.00	\$ 325.00	\$ 10,400.00	\$ 200.00	\$ 6,400.00
116	Erosion Control Silt Fence	LF	5,122	\$ 3.78	\$ 19,361.16	\$ 4.00	\$ 20,488.00	\$ 5.00	\$ 25,610.00
117	Erosion Control (General)	LS	1	\$ 9,972.49	\$ 9,972.49	\$ 25,000.00	\$ 25,000.00	\$ 8,000.00	\$ 8,000.00
118	Street Light Pull Box 6" x 8"	EA	58	\$ 297.00	\$ 17,226.00	\$ 175.00	\$ 10,150.00	\$ 275.00	\$ 15,950.00
119	1 1/2" Electrical Conduit	LF	4,300	\$ 14.04	\$ 60,372.00	\$ 9.80	\$ 42,140.00	\$ 13.00	\$ 55,900.00
120	Street Light Fixture, Pole and Foundation	EA	56	\$ 4,185.00	\$ 234,360.00	\$ 4,450.00	\$ 249,200.00	\$ 3,875.00	\$ 217,000.00
121	Repair/Relocate Existing Irrigation Lines	LS	1	\$ 4,590.00	\$ 4,590.00	\$ 8,000.00	\$ 8,000.00	\$ 1,000.00	\$ 1,000.00
122	Remove Section and Set New Post for Existing 3" Rail Wood Fence	LS	1	\$ 2,160.00	\$ 2,160.00	\$ 800.00	\$ 800.00	\$ 700.00	\$ 700.00

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123	Extend Existing 4" Drain Line and Connect to Drop Inlet	EA	1	\$ 1,496.92	\$ 1,496.92	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00
124	Relocate Existing Sign (Sta 42+14 Rt)	LS	1	\$ 1,617.15	\$ 1,617.15	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
OLD WIRE RD. AND TOWNSHIP ST. SIGNAL									
125	System Local Controller , TS2-Type 2 (16-Phase) & Cabinet with Foundation	EA	1	\$ 24,975.00	\$ 24,975.00	\$ 24,000.00	\$ 24,000.00	\$ 23,125.00	\$ 23,125.00
126	Ethernet Switch, T100 Hardened (8-Port)	EA	1	\$ 975.24	\$ 975.24	\$ 900.00	\$ 900.00	\$ 903.00	\$ 903.00
127	Traffic Signal Head (3-Section)(LED)	EA	9	\$ 853.20	\$ 7,678.80	\$ 800.00	\$ 7,200.00	\$ 790.00	\$ 7,110.00
128	Traffic Signal Head (4-Section)(LED)	EA	4	\$ 1,069.20	\$ 4,276.80	\$ 950.00	\$ 3,800.00	\$ 990.00	\$ 3,960.00
129	Traffic Signal Head (3-Section)(LED)(Bicycle)	EA	3	\$ 928.80	\$ 2,786.40	\$ 875.00	\$ 2,625.00	\$ 860.00	\$ 2,580.00
130	Countdown Pedestrian Signal Head (LED)	EA	4	\$ 826.20	\$ 3,304.80	\$ 825.00	\$ 3,300.00	\$ 765.00	\$ 3,060.00
131	Traffic Signal Cable (7C/14 AWG)	LF	424	\$ 2.16	\$ 915.84	\$ 3.00	\$ 1,272.00	\$ 2.00	\$ 848.00
132	Traffic Signal Cable (20C/14 AWG)	LF	735	\$ 4.81	\$ 3,535.35	\$ 4.00	\$ 2,940.00	\$ 4.45	\$ 3,270.75
133	Lead in Cable (Feeder Wire)	LF	719	\$ 1.08	\$ 776.52	\$ 2.00	\$ 1,438.00	\$ 1.00	\$ 719.00
134	Non-Metallic Conduit (3")	LF	559	\$ 26.46	\$ 14,791.14	\$ 30.00	\$ 16,770.00	\$ 24.50	\$ 13,695.50
135	Galvanized Steel Conduit (1.25")	LF	10	\$ 14.04	\$ 140.40	\$ 15.00	\$ 150.00	\$ 13.00	\$ 130.00
136	Concrete Pull Box (Type 1)	EA	4	\$ 745.20	\$ 2,980.80	\$ 400.00	\$ 1,600.00	\$ 690.00	\$ 2,760.00
137	Concrete Pull Box (Type 2)	EA	1	\$ 793.80	\$ 793.80	\$ 450.00	\$ 450.00	\$ 735.00	\$ 735.00
138	Traffic Signal Mast Arm (30') & Pole (21') with Foundation	EA	1	\$ 13,149.00	\$ 13,149.00	\$ 12,800.00	\$ 12,800.00	\$ 12,175.00	\$ 12,175.00
139	Traffic Signal Mast Arm (36') & Pole (21') with Foundation	EA	1	\$ 13,230.00	\$ 13,230.00	\$ 14,000.00	\$ 14,000.00	\$ 12,250.00	\$ 12,250.00
140	Traffic Signal Mast Arm (36') & Pole (35') with Foundation	EA	1	\$ 15,228.00	\$ 15,228.00	\$ 17,000.00	\$ 17,000.00	\$ 14,100.00	\$ 14,100.00
141	Traffic Signal Mast Arm (52') & Pole (35') with Foundation	EA	1	\$ 22,032.00	\$ 22,032.00	\$ 19,500.00	\$ 19,500.00	\$ 20,400.00	\$ 20,400.00
142	Traffic Signal Pedestal Pole (15') with Foundation	EA	1	\$ 2,160.00	\$ 2,160.00	\$ 2,300.00	\$ 2,300.00	\$ 2,000.00	\$ 2,000.00
143	Video Detector (CLR)	EA	6	\$ 2,646.00	\$ 15,876.00	\$ 2,650.00	\$ 15,900.00	\$ 2,450.00	\$ 14,700.00
144	Video Monitor w/Mouse	EA	1	\$ 572.40	\$ 572.40	\$ 500.00	\$ 500.00	\$ 530.00	\$ 530.00
145	Video Detection Card ITSP-V100	EA	6	\$ 3,067.20	\$ 18,403.20	\$ 2,875.00	\$ 17,250.00	\$ 2,840.00	\$ 17,040.00
146	Video Detecto Rack (16 Channel)	EA	1	\$ 1,409.40	\$ 1,409.40	\$ 1,400.00	\$ 1,400.00	\$ 1,305.00	\$ 1,305.00
147	Video Cable	LF	1,402	\$ 2.86	\$ 4,009.72	\$ 3.00	\$ 4,206.00	\$ 2.65	\$ 3,715.30
148	Coax Cable (8281)	LF	1,402	\$ 0.76	\$ 1,065.52	\$ 3.00	\$ 4,206.00	\$ 0.70	\$ 981.40
149	Electrical Conductors-in-Conduit (2C/6 A.W.G., EGC)	LF	20	\$ 4.97	\$ 99.40	\$ 4.00	\$ 80.00	\$ 4.60	\$ 92.00
150	Electrical Conductors-in-Conduit (1C/8 A.W.G., EGC)	LF	582	\$ 1.40	\$ 814.80	\$ 1.25	\$ 727.50	\$ 1.30	\$ 756.60
151	Electrical Conductors for Luminaires (2C/12 A.W.G.)	LF	559	\$ 1.24	\$ 693.16	\$ 2.00	\$ 1,118.00	\$ 1.15	\$ 642.85
152	Luminare Assembly (Full Cutoff)(LED)	EA	2	\$ 1,074.60	\$ 2,149.20	\$ 1,475.00	\$ 2,950.00	\$ 995.00	\$ 1,990.00
153	Service Point Assembly (2 Circuits)	EA	1	\$ 1,620.00	\$ 1,620.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
153.5	6 Channel Surge Suppression Panel	EA	1	\$ 2,073.60	\$ 2,073.60	\$ 1,800.00	\$ 1,800.00	\$ 1,920.00	\$ 1,920.00
OLD WIRE RD. PEDESTRIAN HYBRID BEACON									
154	System Local Controller , TS2-Type 2 (8-Phase) & Cabinet with Foundation	EA	1	\$ 16,567.20	\$ 16,567.20	\$ 14,200.00	\$ 14,200.00	\$ 15,340.00	\$ 15,340.00
155	Ethernet Switch, T100 Hardened (8-Port)	EA	1	\$ 975.24	\$ 975.24	\$ 1,000.00	\$ 1,000.00	\$ 903.00	\$ 903.00
156	Traffic Signal Head (3-Section)(LED)(12" Faces)	EA	4	\$ 1,276.56	\$ 5,106.24	\$ 1,350.00	\$ 5,400.00	\$ 1,182.00	\$ 4,728.00
157	Countdown Pedestrian Signal Head (LED)	EA	2	\$ 839.16	\$ 1,678.32	\$ 850.00	\$ 1,700.00	\$ 777.00	\$ 1,554.00
158	Traffic Signal Cable (7C/14 AWG)	LF	275	\$ 2.16	\$ 594.00	\$ 2.00	\$ 550.00	\$ 2.00	\$ 550.00
159	Traffic Signal Cable (20C/14 AWG)	LF	72	\$ 5.72	\$ 411.84	\$ 4.00	\$ 288.00	\$ 5.30	\$ 381.60
160	Lead in Cable (Feeder Wire)	LF	130	\$ 1.24	\$ 161.20	\$ 1.00	\$ 130.00	\$ 1.15	\$ 149.50
161	Non-Metallic Conduit (3")	LF	94	\$ 26.46	\$ 2,487.24	\$ 30.00	\$ 2,820.00	\$ 24.50	\$ 2,303.00
162	Non-Metallic Conduit (2")	LF	20	\$ 9.72	\$ 194.40	\$ 15.00	\$ 300.00	\$ 9.00	\$ 180.00
163	Galvanized Steel Conduit (1.25")	LF	8	\$ 13.88	\$ 111.04	\$ 20.00	\$ 160.00	\$ 12.85	\$ 102.80
164	Concrete Pull Box (Type 1)	EA	2	\$ 745.20	\$ 1,490.40	\$ 400.00	\$ 800.00	\$ 690.00	\$ 1,380.00
165	Quazite 6" x 8" Pull Box	EA	1	\$ 356.40	\$ 356.40	\$ 200.00	\$ 200.00	\$ 330.00	\$ 330.00
166	Traffic Signal Mast Arm (42') & Pole (35') with Foundation	EA	1	\$ 17,766.00	\$ 17,766.00	\$ 17,000.00	\$ 17,000.00	\$ 1,645.00	\$ 1,645.00
167	Traffic Signal Pedestal Pole (10') with Foundation	EA	1	\$ 2,160.00	\$ 2,160.00	\$ 2,200.00	\$ 2,200.00	\$ 2,000.00	\$ 2,000.00
168	Traffic Signal Pedestal Pole (5.5') with Foundation	EA	2	\$ 1,944.00	\$ 3,888.00	\$ 2,000.00	\$ 4,000.00	\$ 1,800.00	\$ 3,600.00
169	Electrical Conductors-in-Conduit (2C/6 A.W.G., EGC)	LF	8	\$ 4.97	\$ 39.76	\$ 4.00	\$ 32.00	\$ 4.60	\$ 36.80
170	Electrical Conductors-in-Conduit (1C/8 A.W.G., EGC)	LF	150	\$ 1.40	\$ 210.00	\$ 2.00	\$ 300.00	\$ 1.30	\$ 195.00
171	Electrical Conductors for Luminaires (2C/12 A.W.G.)	LF	124	\$ 1.24	\$ 153.76	\$ 2.00	\$ 248.00	\$ 1.15	\$ 142.60
172	Luminare Assembly (Full Cutoff)(LED)	EA	1	\$ 1,074.60	\$ 1,074.60	\$ 1,500.00	\$ 1,500.00	\$ 995.00	\$ 995.00
173	Service Point Assembly (2 Circuits)	EA	1	\$ 1,620.00	\$ 1,620.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
TOTAL AMOUNT BID (SCHEDULEE 1)				\$	4,204,371.44	\$	4,170,070.50	\$	3,786,482.55
BID SCHEDULE 2									
174	Act 291, 1993 Trench and Excavation Safety System for Water and Sewer Installation	LS	1	\$ 2,160.00	\$ 2,160.00	\$ 8,000.00	\$ 8,000.00	\$ 2,500.00	\$ 2,500.00

ITEM NO	DESCRIPTION	UNIT	ESTIMATED QUANTITY	APAC-Central, Inc.		Goodwin & Goodwin, Inc.		Sweetser Construction, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
175	8" PVC, C-900, Class 200 DR-14 Water Main	LF	320	\$ 96.12	\$ 30,758.40	\$ 70.00	\$ 22,400.00	\$ 39.50	\$ 12,640.00
176	6" PVC, C-900, Class 200 DR-14 Water Main	LF	20	\$ 91.80	\$ 1,836.00	\$ 70.00	\$ 1,400.00	\$ 35.50	\$ 710.00
177	1" Copper Water Service Tubing	LF	60	\$ 29.16	\$ 1,749.60	\$ 30.00	\$ 1,800.00	\$ 26.00	\$ 1,560.00
178	8" Gate Valve with Box	EA	2	\$ 1,944.00	\$ 3,888.00	\$ 1,500.00	\$ 3,000.00	\$ 2,400.00	\$ 4,800.00
179	Three Way Fire Hydrant Assembly with Valve	EA	3	\$ 5,184.00	\$ 15,552.00	\$ 4,800.00	\$ 14,400.00	\$ 4,500.00	\$ 13,500.00
180	Remove Existing Fire Hydrant and Deliver to Owner	EA	2	\$ 1,188.00	\$ 2,376.00	\$ 1,250.00	\$ 2,500.00	\$ 800.00	\$ 1,600.00
181	6" X 6" Tapping Sleeve and Valve with Box	EA	4	\$ 4,320.00	\$ 17,280.00	\$ 4,000.00	\$ 16,000.00	\$ 3,800.00	\$ 15,200.00
182	Epoxy Coated Ductile Iron Fittings	LB	3,500	\$ 11.88	\$ 41,580.00	\$ 4.00	\$ 14,000.00	\$ 7.00	\$ 24,500.00
183	Single Meter Setting, Complete, Including Pressure Reducer and Plumber Connection to Existing Building Service	EA	1	\$ 2,160.00	\$ 2,160.00	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00
184	Remove Existing Meter Setting	EA	1	\$ 378.00	\$ 378.00	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00
185	8" Saddle, 1" Corporation Stop and Tap	EA	1	\$ 324.00	\$ 324.00	\$ 275.00	\$ 275.00	\$ 400.00	\$ 400.00
186	16" Direct Bury Steel Casing	LF	99	\$ 129.60	\$ 12,830.40	\$ 200.00	\$ 19,800.00	\$ 120.00	\$ 11,880.00
187	2" HDPE Casing	LF	50	\$ 64.80	\$ 3,240.00	\$ 40.00	\$ 2,000.00	\$ 13.00	\$ 650.00
188	Cut and Cap Existing 6" Water Main	EA	4	\$ 2,592.00	\$ 10,368.00	\$ 1,800.00	\$ 7,200.00	\$ 450.00	\$ 1,800.00
189	Adjust Existing Water Valve to Grade	EA	9	\$ 459.00	\$ 4,131.00	\$ 250.00	\$ 2,250.00	\$ 300.00	\$ 2,700.00
190	Abandon Existing Water Valve	EA	1	\$ 648.00	\$ 648.00	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00
191	Relocate/Adjust to Grade Existing Water Meter	EA	11	\$ 432.00	\$ 4,752.00	\$ 400.00	\$ 4,400.00	\$ 150.00	\$ 1,650.00
192	Adjust Existing Sewer Manhole to Grade Using Riser Rings	EA	4	\$ 432.00	\$ 1,728.00	\$ 300.00	\$ 1,200.00	\$ 300.00	\$ 1,200.00
193	Concrete Anchor Collar	EA	2	\$ 1,728.00	\$ 3,456.00	\$ 1,200.00	\$ 2,400.00	\$ 200.00	\$ 400.00
194	Relocate Existing Fire Hydrant	LS	1	\$ 1,728.00	\$ 1,728.00	\$ 4,800.00	\$ 4,800.00	\$ 2,200.00	\$ 2,200.00
195	Remove Cone and Reconstruct Sewer Manhole to Grade	EA	1	\$ 1,944.00	\$ 1,944.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00
TOTAL AMOUNT BID (SCHEDULE 2)				\$	164,867.40	\$	132,675.00	\$	104,890.00
TOTAL AMOUNT BID (SCHEDULE 1 & 2)				\$	4,369,238.84	\$	4,302,745.50	\$	3,891,372.55

CERTIFIED:


 Andrea Rennie, CPPO, CPPB, Purchasing Manager


 Witness

2/16/18
 Date