

Solicitation Name :The Downtown Phase 1 Traffic Signal Upgrade Project  
 Solicitation # 21622  
 29-May-19

**Electrical Contractors**  
**Total Cost** 3,548,999.999999998  
**Selected #** 0  
**Selected (\$)** \$ 0

#	Items	Lowest	StateId#	EstimatedC	UnitofMeas	UnitPrice	TotalCost
1							
#1-1	CLEARING AND GRUBBING	\$ 1,277.0	0201001	1	LS	\$ 1,277.0	\$ 1,277.0
#1-2	TEST PIT	\$ 33,215.0	0202452A	13	EA	\$ 2,555.0	\$ 33,215.0
#1-3	RESET MONUMENT	\$ 1,277.0	0202574A	1	EA	\$ 1,277.0	\$ 1,277.0
#1-4	ROCK-IN-TRENCH EXCAVATION 0- FEET - 4- FEET DEEP	\$ 5,110.0	0205002	10	CY	\$ 511	\$ 5,110.0
#1-5	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	\$ 2,816.0	0219011A	22	EA	\$ 128	\$ 2,816.0
#1-6	CONCRETE ENCASEMENT	\$ 3,830.0	0601363A	10	CY	\$ 383	\$ 3,830.0
#1-7	6-INCH GRANITE STONE CURBING 6-INCH GRANITE CURVED STONE	\$ 4,250.0	0813021	50	LF	\$ 85	\$ 4,250.0
#1-8	CURBING	\$ 5,450.0	0813031	50	LF	\$ 109	\$ 5,450.0
#1-9	CONCRETE SIDEWALK	\$ 31,320.0	0921001	1160	SF	\$ 27	\$ 31,320.0
#1-10	CONCRETE SIDEWALK RAMP	\$ 40,920.0	0921005	1320	SF	\$ 31	\$ 40,920.0
#1-11	DETECTABLE WARNING STRIP	\$ 6,300.0	0921039	20	EA	\$ 315	\$ 6,300.0
#1-12	RELAY BRICK WALK	\$ 13,430.0	0925101	395	SF	\$ 34	\$ 13,430.0
#1-13	SELECTIVE CLEARING AND THINNING	\$ 3,193.0	0952001A	1	LS	\$ 3,193.0	\$ 3,193.0
#1-14	CONSTRUCTION FIELD OFFICE - MEDIUM	\$ 73,038.0	0969062A	14	MON	\$ 5,217.0	\$ 73,038.0
#1-15	TRAFFIC PERSON (MUNICIPAL POLICE OFFICER) Allowance is \$200,000 Enter this amount	\$ 200,000.0	0970006	1	Allowance	\$ 200,000.0	\$ 200,000.0
#1-16	MAINTENANCE AND PROTECTION OF TRAFFIC	\$ 15,006.0	0971001A	1	LS	\$ 15,006.0	\$ 15,006.0
#1-17	MOBILIZATION AND PROJECT CLOSEOUT	\$ 255,531.0	0975004	1	LS	\$ 255,531.0	\$ 255,531.53
#1-18	BARRICADE WARNING LIGHTS- HIGH INTENSITY	\$ 500	0976002	500	DAY	\$ 1	\$ 500
#1-19	TRAFFIC CONE	\$ 2,375.0	0977001	125	EA	\$ 19	\$ 2,375.0
#1-20	TRAFFIC DRUM	\$ 7,275.0	0978002	75	EA	\$ 97	\$ 7,275.0
#1-21	CONSTRUCTION BARRICADE TYPE III	\$ 2,025.0	0979003	15	EA	\$ 135	\$ 2,025.0
#1-22	CONSTRUCTION STAKING	\$ 6,002.0	0980001	1	LS	\$ 6,002.0	\$ 6,002.0
#1-23	TRENCHING AND BACKFILLING ROCK IN FOUNDATION	\$ 379,050.0	1001001	6650	LF	\$ 57	\$ 379,050.0
#1-24	EXCAVATION	\$ 24,908.0	1002015	26	VF	\$ 958	\$ 24,908.0
#1-25	TRAFFIC CONTROL FOUNDATION - MAST ARM	\$ 110,506.0	1002202A	11	EA	\$ 10,046.0	\$ 110,506.0
#1-26	TRAFFIC CONTROL FOUNDATION - TWIN MAST ARM	\$ 26,478.0	1002237A	2	EA	\$ 13,239.0	\$ 26,478.0
#1-27	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE 1	\$ 6,149.0	1002203	11	EA	\$ 559	\$ 6,149.0
#1-28	TRAFFIC CONTROL FOUNDATION- CONTROLLER - TYPE IV - MODIFIED	\$ 10,265.0	1002214A	5	EA	\$ 2,053.0	\$ 10,265.0
#1-29	4-INCH RIGID METAL CONDUIT - SURFACE	\$ 5,788.5	1008019A	30	LF	\$ 192.95	\$ 5,788.5

#1-30	2-INCH RIGID METAL CONDUIT IN TRENCH	\$ 2,490.9	1008115	230	LF	\$ 10.83	<b>\$ 2,490.9</b>
#1-31	3-INCH RIGID METAL CONDUIT IN TRENCH	\$ 1,146.0	1008117	60	LF	\$ 19.1	<b>\$ 1,146.0</b>
#1-32	2-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 36,096.3	1008215	2610	LF	\$ 13.83	<b>\$ 36,096.3</b>
#1-33	3-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 102,986.0	1008217	4660	LF	\$ 22.1	<b>\$ 102,986.0</b>
#1-34	4-INCH ELECTRICAL METAL TUBING	\$ 5,682.5	1008446A	50	LF	\$ 113.65	<b>\$ 5,682.5</b>
#1-35	CLEAN EXISTING CONDUIT	\$ 3,130.0	1008907A	10	HR	\$ 313	<b>\$ 3,130.0</b>
#1-36	CONCRETE HANDHOLE	\$ 16,709.0	1010001	31	EA	\$ 539	<b>\$ 16,709.0</b>
#1-37	CONCRETE HANDHOLE (30-INCH X 60-INCH)	\$ 28,776.0	1010034	8	EA	\$ 3,597.0	<b>\$ 28,776.0</b>
#1-38	MODIFICATION OF EXISTING CONCRETE HANDHOLES	\$ 664	1010907A	1	EA	\$ 664	<b>\$ 664</b>
#1-39	SERVICE (METERED)	\$ 9,365.0	1017032A	5	EA	\$ 1,873.0	<b>\$ 9,365.0</b>
#1-40	EXTERNAL CIRCUIT BREAKER	\$ 4,150.0	1017033A	5	EA	\$ 830	<b>\$ 4,150.0</b>
#1-41	8-FOOT ALUMINUM PEDESTAL	\$ 9,460.0	1102002A	10	EA	\$ 946	<b>\$ 9,460.0</b>
#1-42	12-FOOT ALUMINUM PEDESTAL	\$ 1,029.0	1102010A	1	EA	\$ 1,029.0	<b>\$ 1,029.0</b>
#1-43	20-FOOT STEEL MAST ARM ASSEMBLY	\$ 26,426.0	1104023A	2	EA	\$ 13,213.0	<b>\$ 26,426.0</b>
#1-44	25-FOOT STEEL MAST ARM ASSEMBLY	\$ 14,409.0	1104026A	1	EA	\$ 14,409.0	<b>\$ 14,409.0</b>
#1-45	30-FOOT STEEL MAST ARM ASSEMBLY	\$ 16,320.0	1104028A	1	EA	\$ 16,320.0	<b>\$ 16,320.0</b>
#1-46	35-FOOT STEEL MAST ARM ASSEMBLY	\$ 56,595.0	1104031A	3	EA	\$ 18,865.0	<b>\$ 56,595.0</b>
#1-47	45-FOOT STEEL MAST ARM ASSEMBLY	\$ 22,548.0	1104037A	1	EA	\$ 22,548.0	<b>\$ 22,548.0</b>
#1-48	20-FOOT AND 30-FOOT TWIN STEEL MAST ARM ASSEMBLY	\$ 24,776.0	1104101A	1	EA	\$ 24,776.0	<b>\$ 24,776.0</b>
#1-49	25-FOOT AND 35-FOOT TWIN STEEL MAST ARM ASSEMBLY	\$ 27,047.0	1104102A	1	EA	\$ 27,047.0	<b>\$ 27,047.0</b>
#1-50	COMBINATION MAST ARM ASSEMBLY, 25-1W	\$ 17,193.0	1104552A	1	EA	\$ 17,193.0	<b>\$ 17,193.0</b>
#1-51	COMBINATION MAST ARM ASSEMBLY, 30-1W	\$ 19,210.0	1104553A	1	EA	\$ 19,210.0	<b>\$ 19,210.0</b>
#1-52	COMBINATION MAST ARM ASSEMBLY, 35-1W	\$ 21,815.0	1104554A	1	EA	\$ 21,815.0	<b>\$ 21,815.0</b>
#1-53	1 WAY - 1 SECTION MAST ARM TRAFFIC SIGNAL	\$ 1,566.0	1105101A	3	EA	\$ 522	<b>\$ 1,566.0</b>
#1-54	1 WAY - 3 SECTION MAST ARM TRAFFIC SIGNAL	\$ 38,208.0	1105103A	32	EA	\$ 1,194.0	<b>\$ 38,208.0</b>
#1-55	1 WAY - 1 SECTION PEDESTAL MOUNTED TRAFFIC SIGNAL	\$ 462	1105301A	1	EA	\$ 462	<b>\$ 462</b>
#1-56	1 WAY - 3 SECTION PEDESTAL MOUNTED TRAFFIC SIGNAL	\$ 679	1105303A	1	EA	\$ 679	<b>\$ 679</b>
#1-57	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	\$ 14,985.0	1106001A	15	EA	\$ 999	<b>\$ 14,985.0</b>
#1-58	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	\$ 2,046.0	1106003A	3	EA	\$ 682	<b>\$ 2,046.0</b>
#1-59	2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	\$ 13,776.0	1106004A	8	EA	\$ 1,722.0	<b>\$ 13,776.0</b>
#1-60	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	\$ 43,280.0	1107011A	40	EA	\$ 1,082.0	<b>\$ 43,280.0</b>
#1-61	SYSTEM INTEGRATION	\$ 82,501.0	1108187A	1	LS	\$ 82,501.0	<b>\$ 82,501.0</b>

	ADVANCED TRANSPORTATION						
#1-62	CONTROLLER - MODEL 980L	\$ 195,355.0	1108649A 5	EA	\$ 39,071.0	<b>\$ 195,355.0</b>	
#1-63	ETHERNET SWITCH	\$ 27,080.0	1108660A 5	EA	\$ 5,416.0	<b>\$ 27,080.0</b>	
#1-64	PHASE SELECTOR (MODIFIED) CAMERA VIDEO DETECTION	\$ 24,020.0	1108725A 5	EA	\$ 4,804.0	<b>\$ 24,020.0</b>	
#1-65	SYSTEM	\$ 20,768.0	1111407A 4	EA	\$ 5,192.0	<b>\$ 20,768.0</b>	
#1-66	CAMERA ASSEMBLY FIBER OPTIC CABLE SPLICE	\$ 104,730.0	11112210A 15	EA	\$ 6,982.0	<b>\$ 104,730.0</b>	
#1-67	ENCLOSURE	\$ 20,464.0	1112241A 4	EA	\$ 5,116.0	<b>\$ 20,464.0</b>	
#1-68	DETECTOR (TYPE A) (MODIFIED) 3 CONDUCTOR NO. 8 AWG TYPE	\$ 11,076.0	1112413A 12	EA	\$ 923	<b>\$ 11,076.0</b>	
#1-69	SE STYLE THW 12 STRAND FIBER OPTIC DROP	\$ 1,366.8	1113014 340	LF	\$ 4.02	<b>\$ 1,366.8</b>	
#1-70	CABLE	\$ 11,020.0	1113030A 950	LF	\$ 11.6	<b>\$ 11,020.0</b>	
#1-71	3 CONDUCTOR NO. 14 CABLE	\$ 189.8999	1113101 90	LF	\$ 2.11	<b>\$ 189.89999999999998</b>	
#1-72	5 CONDUCTOR NO. 14 CABLE	\$ 11,569.6	1113102 5165	LF	\$ 2.24	<b>\$ 11,569.6</b>	
#1-73	7 CONDUCTOR NO. 14 CABLE	\$ 11,025.0	1113103 4500	LF	\$ 2.45	<b>\$ 11,025.0</b>	
#1-74	9 CONDUCTOR NO. 14 CABLE 72 STRAND FIBER OPTIC	\$ 402.0	1113104 150	LF	\$ 2.68	<b>\$ 402.0</b>	
#1-75	INTERCONNECT CABLE DETECTOR CABLE (OPTICAL)	\$ 79,730.0	1113185A 7000	LF	\$ 11.39	<b>\$ 79,730.0</b>	
#1-76	(MODIFIED)	\$ 4,843.79	1113552A 2070	LF	\$ 2.34	<b>\$ 4,843.7999999999999</b>	
	REMOVAL AND/OR RELOCATION						
#1-77	OF TRAFFIC SIGNAL EQUIPMENT TEMPORARY SIGNALIZATION (SITE	\$ 22,636.0	1118012A 1	LS	\$ 22,636.0	<b>\$ 22,636.0</b>	
#1-78	NO. 1) TEMPORARY SIGNALIZATION (SITE	\$ 3,601.0	1118051A 1	LS	\$ 3,601.0	<b>\$ 3,601.0</b>	
#1-79	NO. 2) TEMPORARY SIGNALIZATION (SITE	\$ 3,601.0	1118052A 1	LS	\$ 3,601.0	<b>\$ 3,601.0</b>	
#1-80	NO. 3) TEMPORARY SIGNALIZATION (SITE	\$ 3,601.0	1118053A 1	LS	\$ 3,601.0	<b>\$ 3,601.0</b>	
#1-81	NO. 4) TEMPORARY SIGNALIZATION (SITE	\$ 3,601.0	1118054A 1	LS	\$ 3,601.0	<b>\$ 3,601.0</b>	
#1-82	NO. 5) REMOVAL AND RELOCATION OF	\$ 3,601.0	1118055A 1	LS	\$ 3,601.0	<b>\$ 3,601.0</b>	
#1-83	EXISTING SIGNS SIGN FACE - SHEET ALUMINUM	\$ 25,399.0	1206023A 1	LS	\$ 25,399.0	<b>\$ 25,399.0</b>	
#1-84	(TYPE IX RETROREFLECTIVE SHEETING)	\$ 3,960.0	1208931A 72	SF	\$ 55	<b>\$ 3,960.0</b>	
#1-85	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	\$ 33,408.0	1208932A 522	SF	\$ 64	<b>\$ 33,408.0</b>	
#1-86	THERMOPLASTIC LEGENDS, ARROWS, AND MARKINGS	\$ 21,792.7	1209467A 5690	SF	\$ 3.83	<b>\$ 21,792.7</b>	
#1-87	4-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 3,662.4	1210101 3815	LF	\$ 0.96	<b>\$ 3,662.4</b>	
#1-88	4-INCH YELLOW EPOXY RESIN PAVEMENT MARKINGS	\$ 2,290.4	1210102 4090	LF	\$ 0.560000	<b>\$ 2,290.4</b>	
#1-89	8-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 503.9999	1210104 720	LF	\$ 0.7	<b>\$ 503.99999999999994</b>	
#1-90	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS, AND LEGENDS	\$ 4,928.17	1210105 227	SF	\$ 21.71	<b>\$ 4,928.17</b>	
#1-91	REMOVAL OF PAVEMENT MARKINGS	\$ 10,762.5	1211001 3750	SF	\$ 2.87	<b>\$ 10,762.5</b>	
#1-92	CONSTRUCTION SIGNS	\$ 11,200.0	1220027 560	SF	\$ 20	<b>\$ 11,200.0</b>	

#4-1	CLEARING AND GRUBBING	\$ 632	0201001	1	LS	\$ 632	<b>\$ 632</b>
#4-2	TEST PIT	\$ 5,054.0	0202452A	2	EA	\$ 2,527.0	<b>\$ 5,054.0</b>
#4-3	ROCK-IN-TRENCH EXCAVATION 0- FEET - 4- FEET DEEP	\$ 1,010.0	0205002	2	CY	\$ 505	<b>\$ 1,010.0</b>
#4-4	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	\$ 378	0219011A	3	EA	\$ 126	<b>\$ 378</b>
#4-5	CONCRETE CURBING	\$ 1,100.0	0811001A	25	LF	\$ 44	<b>\$ 1,100.0</b>
#4-6	CONCRETE SIDEWALK	\$ 12,750.0	0921001	510	SF	\$ 25	<b>\$ 12,750.0</b>
#4-7	CONCRETE SIDEWALK RAMP	\$ 10,650.0	0921005	355	SF	\$ 30	<b>\$ 10,650.0</b>
#4-8	DETECTABLE WARNING STRIP	\$ 1,988.0	0921039	7	EA	\$ 284	<b>\$ 1,988.0</b>
#4-9	SELECTIVE CLEARING AND THINNING	\$ 632	0952001A	1	LS	\$ 632	<b>\$ 632</b>
#4-10	MAINTENANCE AND PROTECTION OF TRAFFIC	\$ 3,014.0	0971001A	1	LS	\$ 3,014.0	<b>\$ 3,014.0</b>
#4-11	MOBILIZATION AND PROJECT CLOSEOUT	\$ 44,251.9	0975004	1	LS	\$ 44,251.9	<b>\$ 44,251.95</b>
#4-12	BARRICADE WARNING LIGHTS- HIGH INTENSITY	\$ 100	0976002	100	DAY	\$ 1	<b>\$ 100</b>
#4-13	CONSTRUCTION STAKING	\$ 1,206.0	0980001	1	LS	\$ 1,206.0	<b>\$ 1,206.0</b>
#4-14	TRENCHING AND BACKFILLING	\$ 28,785.0	1001001	505	LF	\$ 57	<b>\$ 28,785.0</b>
#4-15	ROCK IN FOUNDATION EXCAVATION	\$ 3,792.0	1002015	4	VF	\$ 948	<b>\$ 3,792.0</b>
#4-16	TRAFFIC CONTROL FOUNDATION - MAST ARM	\$ 10,011.0	1002202A	1	EA	\$ 10,011.0	<b>\$ 10,011.0</b>
#4-17	TRAFFIC CONTROL FOUNDATION - TWIN MAST ARM	\$ 13,170.0	1002237A	1	EA	\$ 13,170.0	<b>\$ 13,170.0</b>
#4-18	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE 1	\$ 2,228.0	1002203	4	EA	\$ 557	<b>\$ 2,228.0</b>
#4-19	TRAFFIC CONTROL FOUNDATION- CONTROLLER - TYPE IV - MODIFIED	\$ 2,040.0	1002214A	1	EA	\$ 2,040.0	<b>\$ 2,040.0</b>
#4-20	2-INCH RIGID METAL CONDUIT IN TRENCH	\$ 754.5999	1008115	70	LF	\$ 10.78	<b>\$ 754.5999999999999</b>
#4-21	3-INCH RIGID METAL CONDUIT IN TRENCH	\$ 379.6	1008117	20	LF	\$ 18.98	<b>\$ 379.6</b>
#4-22	2-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 8,211.0	1008215	595	LF	\$ 13.8	<b>\$ 8,211.0</b>
#4-23	CONCRETE HANDHOLE	\$ 4,248.0	1010001	8	EA	\$ 531	<b>\$ 4,248.0</b>
#4-24	SERVICE (METERED)	\$ 1,859.0	1017032A	1	EA	\$ 1,859.0	<b>\$ 1,859.0</b>
#4-25	EXTERNAL CIRCUIT BREAKER	\$ 830	1017033A	1	EA	\$ 830	<b>\$ 830</b>
#4-26	8-FOOT ALUMINUM PEDESTAL	\$ 3,752.0	1102002A	4	EA	\$ 938	<b>\$ 3,752.0</b>
#4-27	25-FOOT STEEL MAST ARM ASSEMBLY	\$ 14,856.0	1104026A	1	EA	\$ 14,856.0	<b>\$ 14,856.0</b>
#4-28	35-FOOT AND 40-FOOT TWIN STEEL MAST ARM ASSEMBLY	\$ 31,090.0	1104104A	1	EA	\$ 31,090.0	<b>\$ 31,090.0</b>
#4-29	1 WAY - 3 SECTION MAST ARM TRAFFIC SIGNAL	\$ 8,316.0	1105103A	7	EA	\$ 1,188.0	<b>\$ 8,316.0</b>
#4-30	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	\$ 1,988.0	1106001A	2	EA	\$ 994	<b>\$ 1,988.0</b>
#4-31	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	\$ 1,354.0	1106003A	2	EA	\$ 677	<b>\$ 1,354.0</b>
#4-32	2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	\$ 3,418.0	1106004A	2	EA	\$ 1,709.0	<b>\$ 3,418.0</b>
#4-33	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	\$ 8,592.0	1107011A	8	EA	\$ 1,074.0	<b>\$ 8,592.0</b>

#4-34	SYSTEM INTEGRATION ADVANCED TRANSPORTATION	\$ 1,628.0	1108187A	1	LS	\$ 1,628.0	\$ 1,628.0
#4-35	CONTROLLER - MODEL 980L	\$ 38,623.0	1108649A	1	EA	\$ 38,623.0	\$ 38,623.0
#4-36	ETHERNET SWITCH	\$ 5,360.0	1108660A	1	EA	\$ 5,360.0	\$ 5,360.0
#4-37	PHASE SELECTOR (MODIFIED) CAMERA VIDEO DETECTION	\$ 4,755.0	1108725A	1	EA	\$ 4,755.0	\$ 4,755.0
#4-38	SYSTEM	\$ 5,141.0	1111407A	1	EA	\$ 5,141.0	\$ 5,141.0
#4-39	CAMERA ASSEMBLY FIBER OPTIC CABLE SPLICE	\$ 20,757.0	1112210A	3	EA	\$ 6,919.0	\$ 20,757.0
#4-40	ENCLOSURE	\$ 5,066.0	1112241A	1	EA	\$ 5,066.0	\$ 5,066.0
#4-41	DETECTOR (TYPE A) (MODIFIED) 3 CONDUCTOR NO. 8 AWG TYPE	\$ 2,742.0	1112413A	3	EA	\$ 914	\$ 2,742.0
#4-42	SE STYLE THW 12 STRAND FIBER OPTIC DROP	\$ 403.0	1113014	100	LF	\$ 4.03	\$ 403.0
#4-43	CABLE	\$ 2,226.0	1113030A	105	LF	\$ 21.2	\$ 2,226.0
#4-44	5 CONDUCTOR NO. 14 CABLE	\$ 2,217.60	1113102	990	LF	\$ 2.24	\$ 2,217.60000000000004
#4-45	7 CONDUCTOR NO. 14 CABLE DETECTOR CABLE (OPTICAL)	\$ 3,148.25	1113103	1285	LF	\$ 2.45	\$ 3,148.25000000000005
#4-46	(MODIFIED)	\$ 1,193.39	1113552A	510	LF	\$ 2.34	\$ 1,193.39999999999999
#4-47	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT TEMPORARY SIGNALIZATION (SITE	\$ 3,919.0	1118012A	1	LS	\$ 3,919.0	\$ 3,919.0
#4-48	NO. 8)	\$ 3,617.0	1118058A	1	LS	\$ 3,617.0	\$ 3,617.0
#4-49	REMOVAL AND RELOCATION OF EXISTING SIGNS	\$ 377	1206023A	1	LS	\$ 377	\$ 377
#4-50	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	\$ 975.6	1208931A	18	SF	\$ 54.2	\$ 975.6
#4-51	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	\$ 6,864.59	1208932A	102	SF	\$ 67.3	\$ 6,864.59999999999999
#4-52	THERMOPLASTIC LEGENDS, ARROWS, AND MARKINGS	\$ 4,964.9	1209467A	1310	SF	\$ 3.79	\$ 4,964.9
#4-53	4-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 2,322.6	1210101	1470	LF	\$ 1.58	\$ 2,322.6
#4-54	4-INCH YELLOW EPOXY RESIN PAVEMENT MARKINGS	\$ 699.3000	1210102	630	LF	\$ 1.11	\$ 699.30000000000001
#4-55	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS, AND LEGENDS	\$ 429.6	1210105	20	SF	\$ 21.48	\$ 429.6
#4-56	REMOVAL OF PAVEMENT MARKINGS	\$ 2,130.0	1211001	750	SF	\$ 2.84	\$ 2,130.0
<b>3</b>							
#3-1	CLEARING AND GRUBBING	\$ 635	0201001	1	LS	\$ 635	\$ 635
#3-2	TEST PIT	\$ 2,542.0	0202452A	1	EA	\$ 2,542.0	\$ 2,542.0
#3-3	ROCK-IN-TRENCH EXCAVATION 0- FEET - 4-FEET DEEP	\$ 1,016.0	0205002	2	CY	\$ 508	\$ 1,016.0
#3-4	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	\$ 381	0219011A	3	EA	\$ 127	\$ 381
#3-5	CONCRETE CURBING	\$ 660	0811001A	15	LF	\$ 44	\$ 660
#3-6	CONCRETE SIDEWALK	\$ 4,875.0	0921001	195	SF	\$ 25	\$ 4,875.0
#3-7	CONCRETE SIDEWALK RAMP	\$ 11,850.0	0921005	395	SF	\$ 30	\$ 11,850.0
#3-8	DETECTABLE WARNING STRIP	\$ 1,144.0	0921039	4	EA	\$ 286	\$ 1,144.0
#3-9	SELECTIVE CLEARING AND THINNING	\$ 635	0952001A	1	LS	\$ 635	\$ 635

	MAINTENANCE AND PROTECTION						
#3-10	OF TRAFFIC	\$ 3,031.0	0971001A	1	LS	\$ 3,031.0	<b>\$ 3,031.0</b>
#3-11	MOBILIZATION AND PROJECT CLOSEOUT	\$ 38,193.6	0975004	1	LS	\$ 38,193.6	<b>\$ 38,193.65</b>
#3-12	BARRICADE WARNING LIGHTS- HIGH INTENSITY	\$ 100	0976002	100	DAY	\$ 1	<b>\$ 100</b>
#3-13	CONSTRUCTION STAKING	\$ 1,212.0	0980001	1	LS	\$ 1,212.0	<b>\$ 1,212.0</b>
#3-14	TRENCHING AND BACKFILLING ROCK IN FOUNDATION	\$ 22,230.0	1001001	390	LF	\$ 57	<b>\$ 22,230.0</b>
#3-15	EXCAVATION	\$ 1,906.0	1002015	2	VF	\$ 953	<b>\$ 1,906.0</b>
#3-16	TRAFFIC CONTROL FOUNDATION - TWIN MAST ARM	\$ 13,244.0	1002237A	1	EA	\$ 13,244.0	<b>\$ 13,244.0</b>
#3-17	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE 1	\$ 2,240.0	1002203	4	EA	\$ 560	<b>\$ 2,240.0</b>
#3-18	TRAFFIC CONTROL FOUNDATION- CONTROLLER - TYPE IV - MODIFIED	\$ 2,052.0	1002214A	1	EA	\$ 2,052.0	<b>\$ 2,052.0</b>
#3-19	2-INCH RIGID METAL CONDUIT IN TRENCH	\$ 650.4	1008115	60	LF	\$ 10.84	<b>\$ 650.4</b>
#3-20	3-INCH RIGID METAL CONDUIT IN TRENCH	\$ 859.5000	1008117	45	LF	\$ 19.1	<b>\$ 859.5000000000001</b>
#3-21	2-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 4,927.40	1008215	355	LF	\$ 13.88	<b>\$ 4,927.400000000001</b>
#3-22	3-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 2,322.6	1008217	105	LF	\$ 22.12	<b>\$ 2,322.6</b>
#3-23	CONCRETE HANDHOLE	\$ 3,836.0	1010001	7	EA	\$ 548	<b>\$ 3,836.0</b>
#3-24	SERVICE (METERED)	\$ 1,869.0	1017032A	1	EA	\$ 1,869.0	<b>\$ 1,869.0</b>
#3-25	EXTERNAL CIRCUIT BREAKER	\$ 835	1017033A	1	EA	\$ 835	<b>\$ 835</b>
#3-26	8-FOOT ALUMINUM PEDESTAL	\$ 3,776.0	1102002A	4	EA	\$ 944	<b>\$ 3,776.0</b>
#3-27	40-FOOT AND 45-FOOT TWIN STEEL MAST ARM ASSEMBLY	\$ 32,890.0	1104105A	1	EA	\$ 32,890.0	<b>\$ 32,890.0</b>
#3-28	1 WAY - 3 SECTION MAST ARM TRAFFIC SIGNAL	\$ 5,970.0	1105103A	5	EA	\$ 1,194.0	<b>\$ 5,970.0</b>
#3-29	2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	\$ 6,876.0	1106004A	4	EA	\$ 1,719.0	<b>\$ 6,876.0</b>
#3-30	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	\$ 8,640.0	1107011A	8	EA	\$ 1,080.0	<b>\$ 8,640.0</b>
#3-31	SYSTEM INTEGRATION	\$ 1,637.0	1108187A	1	LS	\$ 1,637.0	<b>\$ 1,637.0</b>
#3-32	ADVANCED TRANSPORTATION CONTROLLER - MODEL 980L	\$ 38,840.0	1108649A	1	EA	\$ 38,840.0	<b>\$ 38,840.0</b>
#3-33	ETHERNET SWITCH	\$ 5,390.0	1108660A	1	EA	\$ 5,390.0	<b>\$ 5,390.0</b>
#3-34	PHASE SELECTOR (MODIFIED) CAMERA VIDEO DETECTION	\$ 4,781.0	1108725A	1	EA	\$ 4,781.0	<b>\$ 4,781.0</b>
#3-35	SYSTEM	\$ 5,170.0	1111407A	1	EA	\$ 5,170.0	<b>\$ 5,170.0</b>
#3-36	CAMERA ASSEMBLY	\$ 13,916.0	1112210A	2	EA	\$ 6,958.0	<b>\$ 13,916.0</b>
#3-37	FIBER OPTIC CABLE SPLICE ENCLOSURE	\$ 5,094.0	1112241A	1	EA	\$ 5,094.0	<b>\$ 5,094.0</b>
#3-38	DETECTOR (TYPE A) (MODIFIED) 3 CONDUCTOR NO. 8 AWG TYPE	\$ 1,838.0	1112413A	2	EA	\$ 919	<b>\$ 1,838.0</b>
#3-39	SE STYLE THW 12 STRAND FIBER OPTIC DROP	\$ 283.5	1113014	70	LF	\$ 4.05	<b>\$ 283.5</b>
#3-40	CABLE	\$ 2,320.0	1113030A	145	LF	\$ 16	<b>\$ 2,320.0</b>
#3-41	5 CONDUCTOR NO. 14 CABLE	\$ 2,756.25	1113102	1225	LF	\$ 2.25	<b>\$ 2,756.25</b>
#3-42	7 CONDUCTOR NO. 14 CABLE	\$ 3,211.00	1113103	1300	LF	\$ 2.47	<b>\$ 3,211.0000000000005</b>

#3-43	DETECTOR CABLE (OPTICAL) (MODIFIED)	\$ 705.6	1113552A	360	LF	\$ 1.96	<b>\$ 705.6</b>
#3-44	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	\$ 3,940.0	1118012A	1	LS	\$ 3,940.0	<b>\$ 3,940.0</b>
#3-45	TEMPORARY SIGNALIZATION (SITE NO. 7)	\$ 3,637.0	1118057A	1	LS	\$ 3,637.0	<b>\$ 3,637.0</b>
#3-46	REMOVAL AND RELOCATION OF EXISTING SIGNS	\$ 1,848.0	1206023A	1	LS	\$ 1,848.0	<b>\$ 1,848.0</b>
#3-47	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	\$ 1,962.0	1208931A	36	SF	\$ 54.5	<b>\$ 1,962.0</b>
#3-48	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	\$ 5,213.3	1208932A	74	SF	\$ 70.45	<b>\$ 5,213.3</b>
#3-49	THERMOPLASTIC LEGENDS, ARROWS, AND MARKINGS	\$ 5,638.8	1209467A	1480	SF	\$ 3.81	<b>\$ 5,638.8</b>
#3-50	4-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 2,226.0	1210101	1400	LF	\$ 1.59	<b>\$ 2,226.0</b>
#3-51	8-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 49.0	1210104	70	LF	\$ 0.7	<b>\$ 49.0</b>
#3-52	REMOVAL OF PAVEMENT MARKINGS	\$ 2,145.0	1211001	750	SF	\$ 2.86	<b>\$ 2,145.0</b>
<b>2</b>							
#2-1	CLEARING AND GRUBBING	\$ 648	0201001	1	LS	\$ 648	<b>\$ 648</b>
#2-2	TEST PIT	\$ 2,590.0	0202452A	1	EA	\$ 2,590.0	<b>\$ 2,590.0</b>
#2-3	ROCK-IN-TRENCH EXCAVATION 0- FEET - 4-FEET DEEP	\$ 1,036.0	0205002	2	CY	\$ 518	<b>\$ 1,036.0</b>
#2-4	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	\$ 260	0219011A	2	EA	\$ 130	<b>\$ 260</b>
#2-5	CONCRETE SIDEWALK	\$ 6,240.0	0921001	240	SF	\$ 26	<b>\$ 6,240.0</b>
#2-6	CONCRETE SIDEWALK RAMP	\$ 10,230.0	0921005	330	SF	\$ 31	<b>\$ 10,230.0</b>
#2-7	DETECTABLE WARNING STRIP	\$ 1,746.0	0921039	6	EA	\$ 291	<b>\$ 1,746.0</b>
#2-8	RELAY BRICK WALK	\$ 640	0925101	20	SF	\$ 32	<b>\$ 640</b>
#2-9	SELECTIVE CLEARING AND THINNING	\$ 648	0952001A	1	LS	\$ 648	<b>\$ 648</b>
#2-10	MAINTENANCE AND PROTECTION OF TRAFFIC	\$ 3,089.0	0971001A	1	LS	\$ 3,089.0	<b>\$ 3,089.0</b>
#2-11	MOBILIZATION AND PROJECT CLOSEOUT	\$ 32,482.1	0975004	1	LS	\$ 32,482.1	<b>\$ 32,482.16</b>
#2-12	BARRICADE WARNING LIGHTS- HIGH INTENSITY	\$ 100	0976002	100	DAY	\$ 1	<b>\$ 100</b>
#2-13	CONSTRUCTION STAKING	\$ 1,236.0	0980001	1	LS	\$ 1,236.0	<b>\$ 1,236.0</b>
#2-14	TRENCHING AND BACKFILLING ROCK IN FOUNDATION	\$ 21,170.0	1001001	365	LF	\$ 58	<b>\$ 21,170.0</b>
#2-15	EXCAVATION	\$ 1,942.0	1002015	2	VF	\$ 971	<b>\$ 1,942.0</b>
#2-16	TRAFFIC CONTROL FOUNDATION - TWIN MAST ARM	\$ 13,496.0	1002237A	1	EA	\$ 13,496.0	<b>\$ 13,496.0</b>
#2-17	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE 1	\$ 2,284.0	1002203	4	EA	\$ 571	<b>\$ 2,284.0</b>
#2-18	TRAFFIC CONTROL FOUNDATION- CONTROLLER - TYPE IV - MODIFIED	\$ 2,091.0	1002214A	1	EA	\$ 2,091.0	<b>\$ 2,091.0</b>
#2-19	2-INCH RIGID METAL CONDUIT IN TRENCH	\$ 773.5	1008115	70	LF	\$ 11.05	<b>\$ 773.5</b>

#2-20	3-INCH RIGID METAL CONDUIT IN TRENCH	\$ 292.5	1008117	15	LF	\$ 19.5	<b>\$ 292.5</b>
#2-21	2-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 5,302.5	1008215	375	LF	\$ 14.14	<b>\$ 5,302.5</b>
#2-22	3-INCH RIGID METAL CONDUIT UNDER ROADWAY	\$ 2,480.5	1008217	110	LF	\$ 22.55	<b>\$ 2,480.5</b>
#2-23	CONCRETE HANDHOLE	\$ 2,825.0	1010001	5	EA	\$ 565	<b>\$ 2,825.0</b>
#2-24	SERVICE (METERED)	\$ 1,905.0	1017032A	1	EA	\$ 1,905.0	<b>\$ 1,905.0</b>
#2-25	EXTERNAL CIRCUIT BREAKER	\$ 851	1017033A	1	EA	\$ 851	<b>\$ 851</b>
#2-26	8-FOOT ALUMINUM PEDESTAL 30-FOOT AND 30-FOOT TWIN	\$ 3,848.0	1102002A	4	EA	\$ 962	<b>\$ 3,848.0</b>
#2-27	STEEL MAST ARM ASSEMBLY 1 WAY - 3 SECTION MAST ARM	\$ 27,107.0	1104103A	1	EA	\$ 27,107.0	<b>\$ 27,107.0</b>
#2-28	TRAFFIC SIGNAL 1 WAY PEDESTRIAN SIGNAL POLE	\$ 4,868.0	1105103A	4	EA	\$ 1,217.0	<b>\$ 4,868.0</b>
#2-29	MOUNTED 1 WAY PEDESTRIAN SIGNAL	\$ 1,018.0	1106001A	1	EA	\$ 1,018.0	<b>\$ 1,018.0</b>
#2-30	PEDESTAL MOUNTED 2 WAY PEDESTRIAN SIGNAL	\$ 694	1106003A	1	EA	\$ 694	<b>\$ 694</b>
#2-31	PEDESTAL MOUNTED	\$ 5,253.0	1106004A	3	EA	\$ 1,751.0	<b>\$ 5,253.0</b>
#2-32	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	\$ 8,800.0	1107011A	8	EA	\$ 1,100.0	<b>\$ 8,800.0</b>
#2-33	SYSTEM INTEGRATION ADVANCED TRANSPORTATION	\$ 1,668.0	1108187A	1	LS	\$ 1,668.0	<b>\$ 1,668.0</b>
#2-34	CONTROLLER - MODEL 980L	\$ 40,198.0	1108649A	1	EA	\$ 40,198.0	<b>\$ 40,198.0</b>
#2-35	ETHERNET SWITCH	\$ 5,493.0	1108660A	1	EA	\$ 5,493.0	<b>\$ 5,493.0</b>
#2-36	PHASE SELECTOR (MODIFIED) CAMERA VIDEO DETECTION	\$ 4,872.0	1108725A	1	EA	\$ 4,872.0	<b>\$ 4,872.0</b>
#2-37	SYSTEM	\$ 5,269.0	1111407A	1	EA	\$ 5,269.0	<b>\$ 5,269.0</b>
#2-38	CAMERA ASSEMBLY FIBER OPTIC CABLE SPLICE	\$ 14,182.0	1112210A	2	EA	\$ 7,091.0	<b>\$ 14,182.0</b>
#2-39	ENCLOSURE	\$ 5,191.0	1112241A	1	EA	\$ 5,191.0	<b>\$ 5,191.0</b>
#2-40	DETECTOR (TYPE A) (MODIFIED) 3 CONDUCTOR NO. 8 AWG TYPE	\$ 1,874.0	1112413A	2	EA	\$ 937	<b>\$ 1,874.0</b>
#2-41	SE STYLE THW 12 STRAND FIBER OPTIC DROP	\$ 454.3	1113014	110	LF	\$ 4.13	<b>\$ 454.3</b>
#2-42	CABLE	\$ 2,127.29	1113030A	30	LF	\$ 70.91	<b>\$ 2,127.2999999999997</b>
#2-43	3 CONDUCTOR NO. 14 CABLE	\$ 432.0	1113101	200	LF	\$ 2.16	<b>\$ 432.0</b>
#2-44	5 CONDUCTOR NO. 14 CABLE	\$ 1,683.15	1113102	735	LF	\$ 2.29	<b>\$ 1,683.15</b>
#2-45	7 CONDUCTOR NO. 14 CABLE DETECTOR CABLE (OPTICAL)	\$ 2,284.1	1113103	910	LF	\$ 2.51	<b>\$ 2,284.1</b>
#2-46	(MODIFIED)	\$ 1,320.0	1113552A	550	LF	\$ 2.4	<b>\$ 1,320.0</b>
#2-47	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	\$ 4,763.0	1118012A	1	LS	\$ 4,763.0	<b>\$ 4,763.0</b>
#2-48	TEMPORARY SIGNALIZATION (SITE NO. 6)	\$ 3,707.0	1118056A	1	LS	\$ 3,707.0	<b>\$ 3,707.0</b>
#2-49	REMOVAL AND RELOCATION OF EXISTING SIGNS	\$ 309	1206023A	1	LS	\$ 309	<b>\$ 309</b>
#2-50	SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	\$ 4,883.76	1208932A	72	SF	\$ 67.83	<b>\$ 4,883.76</b>
#2-51	THERMOPLASTIC LEGENDS, ARROWS, AND MARKINGS	\$ 4,259.55	1209467A	1095	SF	\$ 3.89	<b>\$ 4,259.55</b>
#2-52	4-INCH WHITE EPOXY RESIN PAVEMENT MARKINGS	\$ 955.8000	1210101	590	LF	\$ 1.62	<b>\$ 955.8000000000001</b>



#2-53	4-INCH YELLOW EPOXY RESIN PAVEMENT MARKINGS	\$ 866.4	1210102	760	LF	\$ 1.14	<b>\$ 866.4</b>
#2-54	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS, AND LEGENDS	\$ 1,078.98	1210105	49	SF	\$ 22.02	<b>\$ 1,078.98</b>
#2-55	REMOVAL OF PAVEMENT MARKINGS	\$ 2,182.5	1211001	750	SF	\$ 2.91	<b>\$ 2,182.5</b>