



CITY OF SOLON
CUY-SR 91-02.50 SOM CENTER/AURORA INTERSECTION IMPROVEMENTS REBID 11.18, PID 93607, CONTRACT 2013.16
BID TABULATION

				CATTS CONSTRUCTION		KARVO COMPANIES INC.		PERK COMPANY INC.	
				TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
	BASE BID:								
	ROADWAY								
1	CLEARING AND GRUBBING	1	LS	\$ 29,125.00	\$ 29,125.00	\$ 4,450.00	\$ 4,450.00	\$ 105,000.00	\$ 105,000.00
2	PAVEMENT REMOVED	3,657	SY	14.00	51,198.00	15.50	56,683.50	9.50	34,741.50
3	PAVEMENT REMOVED, ASPHALT	971	SY	10.00	9,710.00	6.00	5,826.00	8.50	8,253.50
4	WALK REMOVED	27,284	SF	1.00	27,284.00	1.80	49,111.20	1.00	27,284.00
5	TRAFFIC ISLAND REMOVED	40	SY	15.00	600.00	8.75	350.00	5.00	200.00
6	CURB REMOVED	5,949	FT	2.00	11,898.00	4.70	27,960.30	2.00	11,898.00
7	PIPE REMOVED, 24" AND UNDER	6,543	FT	2.50	16,357.50	42.00	274,806.00	11.35	74,263.05
8	MANHOLE REMOVED	45	EA	200.00	9,000.00	720.00	32,400.00	1,100.00	49,500.00
9	CATCH BASIN REMOVED	26	EA	200.00	5,200.00	685.00	17,810.00	750.00	19,500.00
10	MANHOLE ABANDONED, AS PER PLAN	1	EA	1,600.00	1,600.00	975.00	975.00	1,100.00	1,100.00
11	FILL AND PLUG EXISTING CONDUIT	2,154	FT	4.00	8,616.00	9.00	19,386.00	12.85	27,678.90
12	REMOVAL MISC.: CONCRETE BOLLARDS AND CONCRETE PLANTERS	16	EA	75.00	1,200.00	75.00	1,200.00	200.00	3,200.00
13	REMOVAL MISC.: METAL BOLLARD OR POST	5	EA	60.00	300.00	48.00	240.00	50.00	250.00
14	REMOVAL MISC.: LANDSCAPE ROCK	1	EA	152.00	152.00	140.00	140.00	100.00	100.00
15	REMOVAL MISC.: ELECTRICAL VAULT REMOVED	3	EA	600.00	1,800.00	1,250.00	3,750.00	2,200.00	6,600.00
16	REMOVAL MISC.: TRENCH DRAIN	3	EA	450.00	1,350.00	420.00	1,260.00	1,100.00	3,300.00
17	REMOVAL MISC.: CONCRETE PAD	3	SY	20.00	60.00	47.00	141.00	25.00	75.00
18	EXCAVATION	1,609	CY	25.00	40,225.00	33.00	53,097.00	26.85	43,201.65
19	EMBANKMENT	108	CY	6.00	648.00	8.00	864.00	9.45	1,020.60
20	SUBGRADE COMPACTION	4,143	SY	1.00	4,143.00	2.00	8,286.00	1.00	4,143.00
21	EXCAVATION OF SUBGRADE	2,075	CY	15.00	31,125.00	31.50	65,362.50	26.85	55,713.75
22	GRANULAR EMBANKMENT	2,075	CY	35.00	72,625.00	52.00	107,900.00	55.00	114,125.00
23	PROOF ROLLING	12	HR	170.00	2,040.00	150.00	1,800.00	125.00	1,500.00
24	GEOTEXTILE FABRIC	3,113	SY	1.00	3,113.00	1.75	5,447.75	2.10	6,537.30
25	PAVEMENT PLANING, ASPHALT CONCRETE	15,316	SY	4.00	61,264.00	2.90	44,416.40	2.70	41,353.20
26	FENCE, MISC: REMOVE AND REINSTALL DECORATIVE METAL FENCE	30	FT	34.00	1,020.00	100.00	3,000.00	150.00	4,500.00
27	4" CONCRETE WALK, AS PER PLAN	27,585	SF	6.00	165,510.00	4.75	131,028.75	6.00	165,510.00
28	CURB RAMP	1,362	SF	15.00	20,430.00	8.25	11,236.50	8.50	11,577.00
29	RIGHT-OF-WAY MONUMENT	30	EA	100.00	3,000.00	80.00	2,400.00	250.00	7,500.00
30	LIGHT POLE REMOVED	5	EA	600.00	3,000.00	498.00	2,490.00	750.00	3,750.00
31	GROUND WATER MONITORING WELL ABANDONMENT	2	EA	625.00	1,250.00	1,301.39	2,602.78	2,500.00	5,000.00
	EROSION CONTROL								
32	SOIL ANALYSIS TEST	2	EA	\$ 60.00	\$ 120.00	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00
33	TOPSOIL	139	CY	76.00	10,564.00	35.00	4,865.00	60.00	8,340.00
34	SEEDING AND MULCHING, CLASS 1	1,250	SY	5.00	6,250.00	1.25	1,562.50	2.00	2,500.00
35	REPAIR SEEDING AND MULCHING	63	SY	9.00	567.00	1.25	78.75	1.25	78.75
36	INTER-SEEDING	63	SY	9.00	567.00	1.25	78.75	1.25	78.75
37	COMMERCIAL FERTILIZER	0	TON	1,000.00	170.00	500.00	85.00	1,000.00	170.00
38	LIME	0	ACRE	1,215.00	315.90	500.00	130.00	1,000.00	260.00
39	WATER	7	MGAL	50.00	350.00	500.00	3,500.00	100.00	700.00
40	MOWING, AS PER PLAN	3	MSF	100.00	300.00	500.00	1,500.00	100.00	300.00
41	STORM WATER POLLUTION PREVENTION PLAN	1	LS	15,000.00	15,000.00	12,000.00	12,000.00	20,000.00	20,000.00
42	EROSION CONTROL	8,000	EA	1.00	8,000.00	1.00	8,000.00	1.00	8,000.00
	ENVIRONMENTAL / REMEDIATION								
43	WORK INVOLVING NON-REGULATED MATERIALS	1,000	TON	\$ 35.00	\$ 35,000.00	\$ 50.00	\$ 50,000.00	\$ 50.00	\$ 50,000.00
44	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	2,000	TON	35.00	70,000.00	51.00	102,000.00	50.00	100,000.00
	DRAINAGE								
45	6" SHALLOW PIPE UNDERDRAINS, AS PER PLAN	2,045	FT	\$ 11.00	\$ 22,495.00	\$ 13.00	\$ 26,585.00	\$ 16.00	\$ 32,720.00
46	6" UNCLASSIFIED PIPE UNDERDRAINS, AS PER PLAN	92	FT	11.00	1,012.00	17.00	1,564.00	16.00	1,472.00
47	6" BASE PIPE UNDERDRAINS, AS PER PLAN	668	FT	11.00	7,348.00	15.00	10,020.00	16.00	10,688.00
48	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	160	FT	13.00	2,080.00	20.00	3,200.00	17.25	2,760.00
49	6" CONDUIT, TYPE B, AS PER PLAN 3	40	FT	64.00	2,560.00	175.00	7,000.00	184.35	7,374.00
50	6" CONDUIT, TYPE B, AS PER PLAN 4	80	FT	113.00	9,040.00	215.00	17,200.00	119.10	9,528.00
51	6" CONDUIT, TYPE B, AS PER PLAN 5	770	FT	45.00	34,650.00	130.00	100,100.00	134.50	103,565.00
52	6" CONDUIT, TYPE F	20	FT	13.00	260.00	20.00	400.00	122.75	2,455.00
53	8" CONDUIT, TYPE B, AS PER PLAN 4	80	FT	286.00	22,880.00	220.00	17,600.00	223.50	17,880.00
54	8" CONDUIT, TYPE B, AS PER PLAN 5	800	FT	45.00	36,000.00	133.00	106,400.00	165.00	132,000.00
55	8" CONDUIT, TYPE C, AS PER PLAN 1	20	FT	90.00	1,800.00	220.00	4,400.00	119.00	2,380.00
56	12" CONDUIT, TYPE B, AS PER PLAN 1	343	FT	137.00	46,991.00	72.00	24,696.00	176.00	60,368.00
57	12" CONDUIT, TYPE B, AS PER PLAN 3	45	FT	87.00	3,915.00	135.00	6,075.00	152.00	6,840.00
58	12" CONDUIT, TYPE B, AS PER PLAN 4	1,030	FT	160.00	164,800.00	335.00	345,050.00	144.70	149,041.00
59	12" CONDUIT, TYPE C, AS PER PLAN 1	12	FT	110.00	1,320.00	225.00	2,700.00	144.60	1,735.20
60	15" CONDUIT, TYPE B, AS PER PLAN 1	417	FT	127.00	52,959.00	90.00	37,530.00	160.05	66,740.85
61	15" CONDUIT, TYPE B, AS PER PLAN 4	290	FT	167.00	48,430.00	260.00	75,400.00	154.00	44,660.00
62	18" CONDUIT, TYPE B, AS PER PLAN 1	146	FT	164.00	23,944.00	84.00	12,264.00	158.25	23,104.50
63	18" CONDUIT, TYPE B, AS PER PLAN 4	217	FT	155.00	33,635.00	293.00	63,581.00	175.35	38,050.95
64	18" CONDUIT, TYPE C, AS PER PLAN 1	18	FT	116.00	2,088.00	90.50	1,629.00	148.70	2,676.60
65	24" CONDUIT, TYPE B, AS PER PLAN 4	163	FT	255.00	41,565.00	332.00	54,116.00	225.70	36,789.10
66	24" CONDUIT, TYPE C, AS PER PLAN 1	13	FT	131.00	1,703.00	265.00	3,445.00	205.80	2,675.40
67	27" CONDUIT, TYPE B, AS PER PLAN 4	236	FT	278.00	65,608.00	445.00	105,020.00	305.40	72,074.40
68	30" CONDUIT, TYPE B, AS PER PLAN 4	296	FT	299.00	88,504.00	420.00	124,320.00	267.10	79,061.60
69	36" CONDUIT, TYPE C, AS PER PLAN 3	384	FT	211.00	81,024.00	298.00	114,432.00	254.30	97,651.20
70	42" CONDUIT, TYPE B, AS PER PLAN 3	229	FT	400.00	91,600.00	376.00	86,104.00	411.35	94,199.15
71	42" CONDUIT, TYPE C, AS PER PLAN 3	212	FT	285.00	60,420.00	464.00	98,368.00	315.00	66,780.00



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72	CONDUIT, MISC.: PRECONSTRUCTION SEWER CLEANING AND TELEVISIONING	6,000	FT	2.00	12,000.00	2.00	12,000.00	10.00	60,000.00
73	CATCH BASIN, NO. 6	2	EA	5,000.00	10,000.00	2,500.00	5,000.00	3,775.00	7,550.00
74	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR, AS PER PLAN	1	EA	20,000.00	20,000.00	7,800.00	7,800.00	8,655.10	8,655.10
75	MANHOLE RECONSTRUCTED TO GRADE	1	EA	1,350.00	1,350.00	1,300.00	1,300.00	1,908.50	1,908.50
76	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	1	EA	15,000.00	15,000.00	9,500.00	9,500.00	1,908.50	1,908.50
77	MISCELLANEOUS METAL	1,000	LB	1.35	1,350.00	1.75	1,750.00	4.40	4,400.00
78	DRAINAGE STRUCTURE, MISC.: TEST TEE	30	EA	325.00	9,750.00	380.00	11,400.00	929.00	27,870.00
79	DRAINAGE STRUCTURE, MISC.: SOLON VERTICAL CURB INLET	19	EA	5,000.00	95,000.00	2,600.00	49,400.00	3,547.35	67,399.65
80	DRAINAGE STRUCTURE, MISC.: SOLON DOUBLE CURB INLET WITH SUMP	6	EA	7,500.00	45,000.00	6,000.00	36,000.00	6,814.70	40,888.20
81	DRAINAGE STRUCTURE, MISC.: SOLON DOUBLE CURB INLET WITH SUMP RECONSTRUCTED TO GRADE	1	EA	5,000.00	5,000.00	1,550.00	1,550.00	2,754.00	2,754.00
82	DRAINAGE STRUCTURE, MISC.: SOLON 2-2B CATCH BASIN	1	EA	2,500.00	2,500.00	1,700.00	1,700.00	3,334.25	3,334.25
83	DRAINAGE STRUCTURE, MISC.: SOLON TYPE A STORM MANHOLE	8	EA	7,500.00	60,000.00	5,400.00	43,200.00	4,705.80	37,646.40
84	DRAINAGE STRUCTURE, MISC.: SOLON TYPE A STORM MANHOLE, AS PER PLAN 2	2	EA	7,500.00	15,000.00	16,400.00	32,800.00	6,818.75	13,637.50
85	DRAINAGE STRUCTURE, MISC.: SOLON TYPE B STORM MANHOLE	5	EA	10,000.00	50,000.00	9,200.00	46,000.00	8,338.25	41,691.25
86	DRAINAGE STRUCTURE, MISC.: SOLON TYPE C STORM MANHOLE	6	EA	10,000.00	60,000.00	4,700.00	28,200.00	4,492.00	26,952.00
87	DRAINAGE STRUCTURE, MISC.: SOLON TYPE D STORM MANHOLE	1	EA	15,000.00	15,000.00	16,400.00	16,400.00	12,620.15	12,620.15
88	DITCH EROSION PROTECTION	110	SY	9.00	990.00	1.25	137.50	2.15	236.50
89	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1	1	EA	30,000.00	30,000.00	17,000.00	17,000.00	17,459.80	17,459.80
	PAVEMENT								
90	AGGREGATE BASE	982	CY	\$ 40.00	\$ 39,280.00	\$ 62.50	\$ 61,375.00	\$ 55.60	\$ 54,599.20
91	TACK COAT	2,395	GAL	2.00	4,790.00	2.00	4,790.00	2.00	4,790.00
92	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN, PG70-22M	718	CY	250.00	179,500.00	187.00	134,266.00	175.00	125,650.00
93	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	1,005	CY	220.00	221,100.00	140.00	140,700.00	145.00	145,725.00
94	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS), AS PER PLAN	15	CY	700.00	10,500.00	455.00	6,825.00	275.00	4,125.00
95	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), (DRIVEWAYS)	20	CY	700.00	14,000.00	350.00	7,000.00	250.00	5,000.00
96	REINFORCED CONCRETE PAVEMENT, MISC.:9" THICK, QC MS	4,914	SY	80.00	393,120.00	74.00	363,636.00	82.00	402,948.00
97	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	380	SY	65.00	24,700.00	59.00	22,420.00	75.00	28,500.00
98	CURB, TYPE 2-A	3,647	FT	4.00	14,588.00	1.45	5,288.15	7.00	25,529.00
99	CURB, TYPE 2-B	1,545	FT	4.00	6,180.00	19.50	30,127.50	8.00	12,360.00
100	CURB, TYPE 6	349	FT	38.00	13,262.00	23.00	8,027.00	33.00	11,517.00
101	6" CONCRETE TRAFFIC ISLAND	10	SY	80.00	800.00	93.00	930.00	110.00	1,100.00
102	LONGITUDINAL JOINT ADHESIVE	1,160	LB	3.65	4,234.00	3.55	4,118.00	2.00	2,320.00
	WATER WORK								
103	METER VAULT REMOVED	4	EA	\$ 50.00	\$ 200.00	\$ 1,100.00	\$ 4,400.00	\$ 2,182.00	\$ 8,728.00
104	VALVE BOX REMOVED, AS PER PLAN	19	EA	50.00	950.00	525.00	9,975.00	542.00	10,298.00
105	WATER WORK, MISC.: 6" FIRE HYDRANT (CDW)	3	EA	6,500.00	19,500.00	3,100.00	9,300.00	8,311.65	24,934.95
106	MISCELLANEOUS METAL	5,000	LB	1.25	6,250.00	1.75	8,750.00	4.40	22,000.00
107	WATER WORK, MISC.: FIRE HYDRANT SERVICE LINE SHORTENED AND ADJUSTED TO GRADE, AS PER PLAN (CDW)	2	EA	2,500.00	5,000.00	3,500.00	7,000.00	5,481.55	10,963.10
108	WATER WORK, MISC.: FIRE HYDRANT SERVICE LINE EXTENDED AND ADJUSTED TO GRADE, AS PER PLAN (CITY OF CLEVELAND)	1	EA	2,500.00	2,500.00	2,200.00	2,200.00	5,478.00	5,478.00
109	FIRE HYDRANT REMOVED AND DISPOSED OF	3	EA	100.00	300.00	670.00	2,010.00	1,086.00	3,258.00
110	VALVE BOX ADJUSTED TO GRADE	15	EA	100.00	1,500.00	460.00	6,900.00	275.55	4,133.25
111	SERVICE BOX ADJUSTED TO GRADE	2	EA	75.00	150.00	500.00	1,000.00	275.55	551.10
112	WATER WORK, MISC.: INSTALL 1 1/2" METER SETTING, COMPLETE (CDW)	1	EA	2,000.00	2,000.00	755.00	755.00	1,862.50	1,862.50
113	WATER WORK, MISC.: INSTALL 2" METER SETTING, COMPLETE (CDW)	3	EA	2,000.00	6,000.00	1,100.00	3,300.00	2,243.65	6,730.95
114	WATER WORK, MISC.: REMOVE WATER SERVICE CONNECTION (CDW)	4	EA	50.00	200.00	695.00	2,780.00	1,086.00	4,344.00
115	WATER WORK, MISC.: EXTEND 3/4" COPPER WATER SERVICE CONNECTION (CDW)	1	EA	1,500.00	1,500.00	1,400.00	1,400.00	3,773.00	3,773.00
116	WATER WORK, MISC.: EXTEND 1" COPPER WATER SERVICE CONNECTION (CDW)	6	EA	1,500.00	9,000.00	1,400.00	8,400.00	3,470.85	20,825.10
117	WATER WORK, MISC.: EXTEND 1 1/2" COPPER WATER SERVICE CONNECTION, AS PER PLAN (CDW)	2	EA	1,500.00	3,000.00	2,100.00	4,200.00	3,603.50	7,207.00
118	WATER WORK, MISC.: RETAP, RECONNECT AND EXTEND 1 1/2" COPPER WATER SERVICE CONNECTION (CDW)	1	EA	1,500.00	1,500.00	11,150.00	11,150.00	12,822.60	12,822.60
119	WATER WORK, MISC.: EXTEND 2" COPPER WATER SERVICE CONNECTION, AS PER PLAN (CDW)	2	EA	1,500.00	3,000.00	2,400.00	4,800.00	13,144.65	26,289.30
120	WATER WORK, MISC.: RETAP, RECONNECT AND EXTEND 2" COPPER WATER SERVICE CONNECTION, AS PER PLAN (CDW)	3	EA	5,000.00	15,000.00	12,200.00	36,600.00	7,821.00	23,463.00
121	WATER WORK, MISC.: MONITORING WELL, ADJUSTED TO GRADE (CDW)	3	EA	700.00	2,100.00	290.00	870.00	547.00	1,641.00
122	WATER WORK, MISC.: EXTEND 6" DIP WATER SERVICE CONNECTION (CDW)	1	EA	3,000.00	3,000.00	3,000.00	3,000.00	12,697.00	12,697.00
123	WATERWORK, MISC.: 1 1/2" METER VAULT, AS PER PLAN (CDW)	1	EA	3,000.00	3,000.00	4,000.00	4,000.00	6,333.50	6,333.50
124	WATER WORK, MISC.: 2" METER VAULT, AS PER PLAN (CDW)	3	EA	3,000.00	9,000.00	3,950.00	11,850.00	6,333.43	19,000.29
125	(CDW)	1	EA	6,000.00	6,000.00	12,600.00	12,600.00	9,442.80	9,442.80
126	(CDW)	1	EA	6,000.00	6,000.00	16,400.00	16,400.00	12,285.00	12,285.00



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SANITARY SEWER									
127	6" CONDUIT, TYPE B, AS PER PLAN 5	640	FT	\$ 45.00	\$ 28,800.00	\$ 129.00	\$ 82,560.00	\$ 152.70	\$ 97,728.00
128	6" CONDUIT, TYPE B, AS PER PLAN 9	107	FT	95.00	10,165.00	55.00	5,885.00	139.35	14,910.45
129	6" CONDUIT, TYPE B, AS PER PLAN 10	160	FT	118.00	18,880.00	230.00	36,800.00	139.00	22,240.00
130	6" CONDUIT, TYPE C, AS PER PLAN 6	250	FT	94.00	23,500.00	100.00	25,000.00	116.70	29,175.00
131	8" CONDUIT, TYPE B, AS PER PLAN 5	800	FT	45.00	36,000.00	135.00	108,000.00	178.25	142,600.00
132	8" CONDUIT, TYPE B, AS PER PLAN 9	366	FT	165.00	60,390.00	122.00	44,652.00	161.00	58,926.00
133	8" CONDUIT, TYPE B, AS PER PLAN 10	188	FT	200.00	37,600.00	365.00	68,620.00	159.20	29,929.60
134	8" CONDUIT, TYPE C, AS PER PLAN 6	250	FT	90.00	22,500.00	131.00	32,750.00	121.00	30,250.00
135	12" CONDUIT, TYPE B, AS PER PLAN 6	1,480	FT	210.00	310,800.00	342.00	506,160.00	268.75	397,750.00
136	12" CONDUIT, TYPE B, AS PER PLAN 7	285	FT	250.00	71,250.00	215.00	61,275.00	265.65	75,710.25
137	12" CONDUIT, TYPE B, AS PER PLAN 9	151	FT	200.00	30,200.00	109.00	16,459.00	240.57	36,326.07
138	12" CONDUIT, TYPE B, AS PER PLAN 10	148	FT	350.00	51,800.00	440.00	65,120.00	255.35	37,791.80
139	MANHOLE RECONSTRUCTED TO GRADE	3	EA	1,650.00	4,950.00	1,300.00	3,900.00	1,908.50	5,725.50
140	DRAINAGE STRUCTURE, MISC.: SOLON TYPE A SANITARY DROP MANHOLE, AS PER PLAN 1	3	EA	20,000.00	60,000.00	12,800.00	38,400.00	11,331.50	33,994.50
141	DRAINAGE STRUCTURE, MISC.: SOLON TYPE A SANITARY MANHOLE, AS PER PLAN 2	1	EA	10,000.00	10,000.00	15,400.00	15,400.00	6,706.60	6,706.60
	DRAINAGE STRUCTURE, MISC.: TEST TEE, AS PER PLAN	40	EA	500.00	20,000.00	500.00	20,000.00	950.25	38,010.00
142	MANHOLE	12	EA	10,000.00	120,000.00	6,300.00	75,600.00	5,557.65	66,691.80
MAINTENANCE OF TRAFFIC									
143	TRAFFIC COMPACTED SURFACE, TYPE A OR B, AS PER PLAN	230	CY	\$ 40.00	\$ 9,200.00	\$ 68.00	\$ 15,640.00	\$ 100.00	\$ 23,000.00
144	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	150	HR	100.00	15,000.00	65.00	9,750.00	65.00	9,750.00
145	MAINTAINING TRAFFIC, MISC.: MAINTENANCE OF TRAFFIC SIGNAL INSTALLATION	1	LS	7,900.00	7,900.00	7,500.00	7,500.00	34,367.00	34,367.00
146	WORK ZONE LANE LINE, CLASS I, 740.06, TYPE I	1	MI	3,650.00	2,737.50	2,500.00	1,875.00	2,500.00	1,875.00
147	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	0	MI	14,600.00	6,278.00	8,000.00	3,440.00	12,000.00	5,160.00
148	WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE I	0	MI	13,150.00	5,654.50	4,500.00	1,935.00	7,500.00	3,225.00
149	WORK ZONE CHANNELIZING LINE, CLASS I, 740.06, TYPE I	1,235	FT	2.00	2,470.00	2.00	2,470.00	2.50	3,087.50
150	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I	20	FT	10.00	200.00	8.50	170.00	5.00	100.00
151	WORK ZONE ARROW, CLASS I, 740.06, TYPE I	18	EA	250.00	4,500.00	200.00	3,600.00	200.00	3,600.00
152	WATER	50	MGAL	21.00	1,050.00	15.00	750.00	10.00	500.00
INCIDENTALS									
153	MAINTAINING TRAFFIC	1	LS	\$ 415,000.00	\$ 415,000.00	\$ 400,000.00	\$ 400,000.00	\$ 486,456.79	\$ 486,456.79
154	FIELD OFFICE, TYPE B	12	MNTH	1,000.00	12,000.00	2,200.00	26,400.00	2,500.00	30,000.00
155	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	50,000.00	50,000.00	27,910.00	27,910.00	65,000.00	65,000.00
156	MOBILIZATION	1	LS	525,000.00	525,000.00	406,000.00	406,000.00	475,000.00	475,000.00
157	CWD / DEOG / AT&T CHARGES ALLOWANCE		LUMP	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
158	MISCELLANEOUS UTILITIES		LUMP	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
LIGHTING									
159	CONDUIT, 3/4", 725.051	328	FT	\$ 8.00	\$ 2,624.00	\$ 7.92	\$ 2,597.76	\$ 5.00	\$ 1,640.00
160	CONDUIT, 1-1/2", 725.051	82	FT	17.00	1,394.00	16.20	1,328.40	6.00	492.00
161	TRENCH, 24" DEEP	9	FT	54.00	486.00	49.50	445.50	33.00	297.00
162	STRUCTURE GROUNDING SYSTEM	1	EA	2,500.00	2,500.00	2,310.00	2,310.00	1,550.00	1,550.00
163	POWER SERVICE, AS PER PLAN	1	EA	6,700.00	6,700.00	5,400.00	5,400.00	9,850.00	9,850.00
164	PLASTIC CAUTION TAPE	9	FT	2.00	18.00	2.37	21.33	0.50	4.50
165	DISCONNECT CIRCUIT, AS PER PLAN	24	EA	75.00	1,800.00	67.50	1,620.00	150.00	3,600.00
166	LIGHTING, MISC.: WEATHERHEAD FOR 3/4" PVC CONDUIT	32	EA	35.00	1,120.00	32.25	1,032.00	30.00	960.00
167	LIGHTING, MISC.: WEATHERHEAD FOR 1-1/2" PVC CONDUIT	2	EA	39.00	78.00	35.85	71.70	60.00	120.00
168	LIGHTING, MISC.: PAINT 3/4" CONDUIT, JUNCTION BOXES AND WEATHERHEAD TO MATCH SIGNAL POLE COLOR	4	EA	209.00	836.00	192.00	768.00	500.00	2,000.00
169	LIGHTING, MISC.: WEATHERPROOF JUNCTION BOX WITH 20 AMP IN LINE WEATHERPROOF FUSE	32	EA	280.00	8,960.00	253.20	8,102.40	200.00	6,400.00
170	LIGHTING, MISC.: WEATHERPROOF JUNCTION BOX WITH DUPLEX RECEPTACLE	32	EA	131.00	4,192.00	118.20	3,782.40	200.00	6,400.00
171	LIGHTING, MISC.: 3 CONDUCTOR NO. 4 AWG, (ALUMINUM) 600 VOLT HOLIDAY LIGHTING POWER CABLE	11,889	FT	5.00	59,445.00	4.65	55,283.85	5.00	59,445.00
172	LIGHTING, MISC.: 1 CONDUCTOR NO. 12 AWG, 600 VOLT HOLIDAY LIGHTING RECEPTACLE GROUNDING WIRE	3,963	FT	3.00	11,889.00	2.93	11,611.59	1.25	4,953.75
173	LIGHTING, MISC.: 3 CONDUCTOR NO. 12 AWG, 600 VOLT HOLIDAY LIGHTING SERVICE CABLE	1,673	FT	5.00	8,365.00	4.65	7,779.45	2.25	3,764.25
174	LIGHTING, MISC.: MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	3,536	FT	16.00	56,576.00	13.65	48,266.40	11.50	40,664.00
TRAFFIC CONTROL									
175	GROUND ROD	3	EA	\$ 145.00	\$ 435.00	\$ 129.00	\$ 387.00	\$ 235.00	\$ 705.00
176	GROUND MOUNTED SUPPORT, NO. 3 POST	411	FT	11.00	4,521.00	9.00	3,699.00	9.00	3,699.00
177	SIGN POST REFLECTOR	1	EA	67.00	67.00	55.00	55.00	55.00	55.00
178	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 13, 48' ARM, AS PER PLAN	1	EA	16,000.00	16,000.00	14,104.50	14,104.50	16,000.00	16,000.00
179	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 13, 50' ARM, AS PER PLAN	1	EA	18,000.00	18,000.00	14,132.00	14,132.00	17,000.00	17,000.00
180	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 14, 68' ARM, AS PER PLAN	1	EA	22,000.00	22,000.00	15,151.00	15,151.00	18,000.00	18,000.00
181	SIGN HANGER ASSEMBLY, MAST ARM	14	EA	470.00	6,580.00	385.00	5,390.00	385.00	5,390.00
182	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	10	EA	55.00	550.00	45.00	450.00	45.00	450.00
183	SIGN, FLAT SHEET	163	SF	18.00	2,934.00	15.00	2,445.00	15.00	2,445.00
184	SIGN, FLAT SHEET, AS PER PLAN	61	SF	21.00	1,281.00	18.00	1,098.00	18.00	1,098.00
185	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	3	EA	4,900.00	14,700.00	4,230.00	12,690.00	12,500.00	37,500.00
186	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	1	EA	36.00	36.00	30.00	30.00	30.00	30.00
187	REMOVAL OF GROUND MOUNTED SIGN AND STORAGE	7	EA	36.00	252.00	30.00	210.00	30.00	210.00
188	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	22	EA	79.00	1,738.00	65.00	1,430.00	65.00	1,430.00



**CITY OF SOLON
 CUY-SR 91-02.50 SOM CENTER/AURORA INTERSECTION IMPROVEMENTS REBID 11.18, PID 93607, CONTRACT 2013.16
 BID TABULATION**

				CATTS CONSTRUCTION		KARVO COMPANIES INC.		PERK COMPANY INC.	
				TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
189	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	28	EA	36.00	1,008.00	30.00	840.00	30.00	840.00
190	REMOVAL OF OVERHEAD MOUNTED SIGN AND STORAGE, AS PER PLAN	20	EA	60.00	1,200.00	50.00	1,000.00	50.00	1,000.00
191	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	10	EA	79.00	790.00	65.00	650.00	65.00	650.00
192	REMOVAL OF OVERHEAD SIGN SUPPORT AND STORAGE, TYPE TC-17.10	6	EA	1,815.00	10,890.00	1,692.00	10,152.00	5,000.00	30,000.00
193	SIGNING, MISC.: REMOVE EXISTING SIGN, SUPPORT INCLUDING LIGHTING, COMPLETE	2	EA	36,500.00	73,000.00	5,000.00	10,000.00	10,000.00	20,000.00
194	LANE LINE, 4"	1	MI	760.00	1,003.20	500.00	660.00	700.00	924.00
195	CENTER LINE	1	MI	1,216.00	875.52	1,000.00	720.00	2,500.00	1,800.00
196	CHANNELIZING LINE, 8"	2,465	FT	0.75	1,848.75	0.60	1,479.00	0.95	2,341.75
197	STOP LINE	274	FT	4.00	1,096.00	2.95	808.30	3.60	986.40
198	CROSSWALK LINE	921	FT	2.00	1,842.00	1.35	1,243.35	2.15	1,980.15
199	TRANSVERSE/DIAGONAL LINE, YELLOW	433	FT	4.00	1,732.00	2.90	1,255.70	2.50	1,082.50
200	LANE ARROW	42	EA	58.00	2,436.00	40.00	1,680.00	60.00	2,520.00
201	DOTTED LINE, 4", WHITE	609	FT	1.00	609.00	1.00	609.00	3.00	1,827.00
	TRAFFIC SIGNALS								
202	CONDUIT, 2", 725.051, AS PER PLAN	1,937	FT	\$ 6.00	\$ 11,622.00	\$ 5.70	\$ 11,040.90	\$ 9.50	\$ 18,401.50
203	CONDUIT, 3", 725.051, AS PER PLAN	35	FT	11.00	385.00	9.90	346.50	19.00	665.00
204	CONDUIT, 4", 725.051, AS PER PLAN	57	FT	15.00	855.00	13.50	769.50	21.00	1,197.00
205	CONDUIT, JACKED OR DRILLED, 725.051, AS PER PLAN 3"	403	FT	45.00	18,135.00	39.60	15,958.80	39.00	15,717.00
206	TRENCH	2,017	FT	7.00	14,119.00	6.45	13,009.65	16.00	32,272.00
207	TRENCH IN PAVED AREA	12	FT	193.00	2,316.00	180.00	2,160.00	20.00	240.00
208	PULL BOX, 725.06 SIZE 7	12	EA	688.00	8,256.00	618.00	7,416.00	1,000.00	12,000.00
209	PULL BOX, 725.06 SIZE 18	8	EA	1,323.00	10,584.00	1,155.00	9,240.00	1,600.00	12,800.00
210	PULL BOX REMOVED	16	EA	272.00	4,352.00	255.00	4,080.00	40.00	640.00
211	GROUND ROD	10	EA	142.00	1,420.00	129.00	1,290.00	235.00	2,350.00
212	PLASTIC CAUTION TAPE	2,029	FT	1.00	2,029.00	0.27	547.83	1.00	2,029.00
213	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	10	EA	400.00	4,000.00	379.50	3,795.00	385.00	3,850.00
214	SIGN, FLAT SHEET	109	SF	21.00	2,289.00	18.00	1,962.00	18.00	1,962.00
215	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK WITH BACKPLATE	10	EA	975.00	9,750.00	847.50	8,475.00	1,000.00	10,000.00
216	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, BLACK WITH BACKPLATE	3	EA	1,500.00	4,500.00	1,312.50	3,937.50	1,600.00	4,800.00
217	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	8	EA	550.00	4,400.00	495.00	3,960.00	500.00	4,000.00
218	COVERING OF VEHICULAR SIGNAL HEAD, AS PER PLAN	13	EA	22.00	286.00	19.50	253.50	50.00	650.00
219	COVERING OF PEDESTRIAN SIGNAL HEAD, AS PER PLAN	8	EA	22.00	176.00	19.50	156.00	40.00	320.00
220	PEDESTRIAN PUSHBUTTON, AS PER PLAN	8	EA	375.00	3,000.00	349.50	2,796.00	235.00	1,880.00
221	VIDEO DETECTION SYSTEM, AS PER PLAN	1	EA	27,000.00	27,000.00	19,950.00	19,950.00	24,600.00	24,600.00
222	SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG, AS PER PLAN	1,900	FT	1.75	3,325.00	1.55	2,945.00	1.75	3,325.00
223	SIGNAL CABLE, 4 CONDUCTOR, NO. 14 AWG	3,062	FT	2.00	6,124.00	2.04	6,246.48	2.15	6,583.30
224	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, AS PER PLAN	1,173	FT	3.00	3,519.00	2.91	3,413.43	2.40	2,815.20
225	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, AS PER PLAN	989	FT	3.50	3,461.50	3.15	3,115.35	2.50	2,472.50
226	SIGNAL SUPPORT FOUNDATION	4	EA	4,500.00	18,000.00	3,990.00	15,960.00	8,550.00	34,200.00
227	PEDESTAL FOUNDATION	5	EA	1,025.00	5,125.00	915.00	4,575.00	950.00	4,750.00
228	PEDESTAL 8', AS PER PLAN	5	EA	775.00	3,875.00	2,421.00	12,105.00	500.00	2,500.00
229	POWER CABLE, 2 CONDUCTOR, NO. 8 AWG	15	EA	5.00	75.00	4.43	66.45	3.00	45.00
230	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG	40	FT	5.00	200.00	5.03	201.20	3.00	120.00
231	POWER SERVICE	1	EA	2,630.00	2,630.00	2,340.00	2,340.00	1,500.00	1,500.00
232	CONDUIT RISER, 2" DIAMETER	1	EA	575.00	575.00	522.00	522.00	435.00	435.00
233	CONDUIT RISER, 3" DIAMETER	1	EA	710.00	710.00	645.00	645.00	535.00	535.00
234	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 59' IN LENGTH)	1	EA	14,750.00	14,750.00	964.80	964.80	850.00	850.00
235	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 4, AS PER PLAN	1	EA	15,500.00	15,500.00	13,113.00	13,113.00	11,500.00	11,500.00
236	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 11, AS PER PLAN	1	EA	15,650.00	15,650.00	15,056.00	15,056.00	11,700.00	11,700.00
237	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN	1	EA	19,000.00	19,000.00	16,207.00	16,207.00	14,000.00	14,000.00
238	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 14, AS PER PLAN	1	EA	19,000.00	19,000.00	18,748.00	18,748.00	14,500.00	14,500.00
239	PEDESTAL, MISC.: TEMPORARY PEDESTRIAN PEDESTAL	1	EA	1,000.00	1,000.00	2,130.00	2,130.00	3,900.00	3,900.00
240	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EA	5,645.00	5,645.00	5,268.00	5,268.00	4,400.00	4,400.00
241	SIGNALIZATION, MISC.: FOUNDATION TEST HOLE	4	EA	270.00	1,080.00	246.00	984.00	200.00	800.00
242	SIGNALIZATION, MISC.:INCIDENT MANAGEMENT CAMERA	4	EA	3,000.00	12,000.00	5,238.00	20,952.00	3,850.00	15,400.00
243	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE TS2, AS PER PLAN	1	EA	25,000.00	25,000.00	20,452.00	20,452.00	22,350.00	22,350.00
244	PREEMPTION, AS PER PLAN	1	EA	1,550.00	1,550.00	1,350.00	1,350.00	1,100.00	1,100.00
245	PREEMPTION RECEIVING UNIT	4	EA	1,100.00	4,400.00	967.50	3,870.00	750.00	3,000.00
246	PREEMPTION DETECTOR CABLE	1,127	FT	2.00	2,254.00	2.18	2,456.86	2.00	2,254.00
247	PREEMPTION PHASE SELECTOR	1	EA	4,950.00	4,950.00	4,237.50	4,237.50	3,600.00	3,600.00
248	PREEMPTION CONFIRMATION LIGHT	4	EA	330.00	1,320.00	300.00	1,200.00	250.00	1,000.00
249	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	1	EA	8,900.00	8,900.00	7,420.00	7,420.00	7,250.00	7,250.00
250	FIBER OPTIC CABLE, ARMORED 18 FIBER	770	FT	5.00	3,850.00	4.41	3,395.70	4.00	3,080.00
251	FIBER OPTIC CABLE, ARMORED 36 FIBER	1,366	FT	5.00	6,830.00	2.60	3,551.60	4.50	6,147.00
252	SLACK INSTALLATION	4	EA	190.00	760.00	150.00	600.00	150.00	600.00
253	FAN-OUT KIT, 6 FIBER	1	EA	100.00	100.00	78.00	78.00	100.00	100.00
254	DROP CABLE, 6 FIBER	554	EA	3.00	1,662.00	1.80	997.20	2.00	1,108.00
255	FIBER OPTIC PATCH CORD, 4 FIBER	1	EA	180.00	180.00	144.00	144.00	15.00	15.00
256	FIBER TERMINATION PANEL, 6 FIBER	1	EA	22.00	22.00	18.00	18.00	600.00	600.00
257	FUSION SPLICE	108	EA	115.00	12,420.00	91.20	9,849.60	52.00	5,616.00
258	SPLICE ENCLOSURE	7	EA	1,000.00	7,000.00	780.00	5,460.00	800.00	5,600.00
259	FIBER OPTIC CONNECTOR	18	EA	76.00	1,368.00	60.00	1,080.00	75.00	1,350.00
260	FIBER OPTIC CABLE MODEM	1	EA	2,167.00	2,167.00	1,080.00	1,080.00	1,625.00	1,625.00
	TOTAL CONTRACT BASE BID PRICE ITEMS 1 THROUGH 260:				5,965,006.37		6,655,452.81		6,696,000.00



CITY OF SOLON
CUY-SR 91-02.50 SOM CENTER/AURORA INTERSECTION IMPROVEMENTS REBID 11.18, PID 93607, CONTRACT 2013.16
BID TABULATION

				CATTS CONSTRUCTION		KARVO COMPANIES INC.		PERK COMPANY INC.		
				TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	
ALTERNATES:										
DRAINAGE ALTERNATES										
56A	12" CONDUIT, TYPE B, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	343	FT	\$ 142.00	\$ 48,706.00	\$ 74.00	\$ 25,382.00	\$ 177.00	\$ 60,711.00	
57A	12" CONDUIT, TYPE B, AS PER PLAN 3, ADS SANITITE HP (ALTERNATE)	45	FT	110.00	4,950.00	140.00	6,300.00	154.00	6,930.00	
58A	12" CONDUIT, TYPE B, AS PER PLAN 4, ADS SANITITE HP (ALTERNATE)	1,030	FT	175.00	180,250.00	350.00	360,500.00	147.00	151,410.00	
59A	12" CONDUIT, TYPE C, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	12	FT	175.00	2,100.00	230.00	2,760.00	147.00	1,764.00	
60A	15" CONDUIT, TYPE B, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	417	FT	140.00	58,380.00	93.00	38,781.00	163.00	67,971.00	
61A	15" CONDUIT, TYPE B, AS PER PLAN 4, ADS SANITITE HP (ALTERNATE)	290	FT	190.00	55,100.00	270.00	78,300.00	157.00	45,530.00	
62A	18" CONDUIT, TYPE B, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	146	FT	167.00	24,382.00	91.00	13,286.00	162.00	23,652.00	
63A	18" CONDUIT, TYPE B, AS PER PLAN 4, ADS SANITITE HP (ALTERNATE)	217	FT	180.00	39,060.00	300.00	65,100.00	179.00	38,843.00	
64A	18" CONDUIT, TYPE C, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	18	FT	120.00	2,160.00	108.00	1,944.00	153.00	2,754.00	
65A	24" CONDUIT, TYPE B, AS PER PLAN 4, ADS SANITITE HP (ALTERNATE)	163	FT	285.00	46,455.00	350.00	57,050.00	231.00	37,653.00	
66A	24" CONDUIT, TYPE C, AS PER PLAN 1, ADS SANITITE HP (ALTERNATE)	13	FT	141.00	1,833.00	271.35	3,527.55	212.00	2,756.00	
67A	27" CONDUIT, TYPE B, AS PER PLAN 4 ADS SANITITE HP (ALTERNATE)	236	FT	312.00	73,632.00	475.00	112,100.00	318.00	75,048.00	
68A	30" CONDUIT, TYPE B, AS PER PLAN 4, ADS SANITITE HP (ALTERNATE)	296	FT	337.00	99,752.00	475.00	140,600.00	280.00	82,880.00	
69A	36" CONDUIT, TYPE C, AS PER PLAN 3, ADS SANITITE HP (ALTERNATE)	384	FT	253.00	97,152.00	325.00	124,800.00	273.00	104,832.00	
70A	42" CONDUIT, TYPE B, AS PER PLAN 3, ADS SANITITE HP (ALTERNATE)	229	FT	438.00	100,302.00	400.00	91,600.00	430.00	98,470.00	
71A	42" CONDUIT, TYPE C, AS PER PLAN 3, ADS SANITITE HP (ALTERNATE)	212	FT	325.00	68,900.00	475.00	100,700.00	334.00	70,808.00	
TOTAL CONTRACT DRAINAGE ALTERNATES BID PRICE ITEMS 56A THROUGH 71A:						903,114.00		1,222,730.55		872,012.00
PAVEMENT										
96A	REINFORCED CONCRETE PAVEMENT, MISC.:9" THICK, QC MS WITH FIBRILLATED POLYPROPYLENE FIBER	4,914	SY	\$ 77.00	\$ 378,378.00	\$ 68.00	\$ 334,152.00	\$ 78.50	\$ 385,749.00	
97A	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS WITH FIBRILLATED POLYPROPYLENE FIBER	380	SY	65.00	24,700.00	59.00	22,420.00	77.00	29,260.00	
TOTAL CONTRACT TRAFFIC SIGNAL ALTERNATE 96A & 97A:						403,078.00		356,572.00		415,009.00
TRAFFIC CONTROL ALTERNATE										
178A	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 13, 48' ARM, NOSTALGIA STYLE METROPOLITAN, AS PER PLAN	1	EA	\$ 17,000.00	\$ 17,000.00	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	
179A	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 13, 50' ARM, NOSTALGIA STYLE METROPOLITAN, AS PER PLAN	1	EA	20,000.00	20,000.00	17,500.00	17,500.00	19,000.00	19,000.00	
180A	OVERHEAD SIGN SUPPORT, TYPE TC-16.21, DESIGN 14, 68' ARM, NOSTALGIA STYLE METROPOLITAN, AS PER PLAN	1	EA	22,000.00	22,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
TOTAL CONTRACT TRAFFIC CONTROL ALTERNATE 178A THROUGH 180A:						59,000.00		52,500.00		57,000.00
TRAFFIC SIGNAL ALTERNATE										
221A	VIDEO DETECTION SYSTEM, AS PER PLAN (AUTOSCOPE) (ALTERNATE)	1	EA	\$ 28,000.00	\$ 28,000.00	\$ 24,000.00	\$ 24,000.00	\$ 23,050.00	\$ 23,050.00	
228A	PEDESTAL 8', AS PER PLAN, NOSTALGIA STYLE METROPOLITAN (ALTERNATE)	5	EA	4,330.00	21,650.00	3,750.00	18,750.00	3,100.00	15,500.00	
TOTAL CONTRACT TRAFFIC SIGNAL ALTERNATE 221A & 228A:						49,650.00		42,750.00		38,550.00
MAINTENANCE OF TRAFFIC ALTERNATE										
261	SPECIAL NIGHT WORK FOR SANITARY & STORM SEWER AND PAVING WORK	1	LS	\$ 515,000.00	\$ 515,000.00	\$ 605,000.00	\$ 605,000.00	\$ 59,000.00	\$ 59,000.00	
TOTAL CONTRACT MAINTENANCE OF TRAFFIC ALTERNATE 261:						515,000.00		605,000.00		59,000.00
ENGINEERING DEPARTMENT RECOMMENDATION SUMMARY:										
	TOTAL CONTRACT BASE BID				\$ 5,965,006.37		\$ 6,655,452.81		\$ 6,696,000.00	
	DRAINAGE ALTERNATES				903,114.00		1,222,730.55		872,012.00	
	PAVEMENT ALTERNATE				403,078.00		356,572.00		415,009.00	
	TRAFFIC CONTROL ALTERNATE				59,000.00		52,500.00		57,000.00	
	TRAFFIC SIGNAL ALTERNATE				49,650.00		42,750.00		38,550.00	
	MAINTENANCE OF TRAFFIC ALTERNATE				515,000.00		605,000.00		59,000.00	