

Date: Monday, February 6, 2017
Time: 4:30 p.m.
Place: Westside Fire Station

BOARD OF PUBLIC WORKS

- A. CALL TO ORDER & ROLL CALL
- B. CORRECTION OF MINUTES
- C. OPEN BIDS OR QUOTATIONS
- D. CORRESPONDENCE
- E. PERMITS
- F. APPROVAL OF BILLS
- G. PARKS SUPERVISOR

1. REVIEW 2016 FORESTRY REPORT

Individual Requesting Item	Paul Klinzing
Expected Length of Discussion	5 minutes

Documents:

17 forestry report (3).docx

2. REVIEW BIDS FOR TWINING SHELTER. RECOMMEND TO COUNCIL TO ACCEPT BID AND AWARD CONTRACT.

recommend award to Gilbank Construction for the Base Bid plus Alternates 2 and 3, for a total cost of \$418,880.

Individual Requesting Item	Paul Klinzing
Expected Length of Discussion	10 minutes

Documents:

2017 SHELTER HOUSE BID TAB.pdf

H. BUSINESS PRESENTED BY DIRECTOR OF PUBLIC WORKS

1. RECOMMEND TO COUNCIL TO AWARD CONTRACT FOR 8TH STREET RECONSTRUCTION

Recommend to Council to accept bids and award contract to Rock Road Companies for the reconstruction of 8th Street from STH 69 to 6th Avenue West for the contracted sum of 3,753,922.52. We would like to reserve the right to accept Alternate # 1 and #2 after further review of the process submitted for these bid items. The alternates could have a cost savings of \$44,663.71

Individual Requesting Item	DPW
Expected Length of Discussion	10 min

Documents:

[*JWD 14-216A - City of Monroe 8th Street Improvements Tabulation of Bids.pdf*](#)

2. RECOMMEND TO COUNCIL TO HIRE FEHR GRAHAM AND ASSOCIATES FOR CONSTRUCTION MANAGEMENT SERVICES

Recommend hiring Fehr Graham and Associates for Construction Management Services for the 8th Street Project. Work would entail pre construction meetings, construction inspection, construction staking, material testing, and construction record drawings. Work to be completed for \$412,520.00

Individual Requesting Item	DPW
Expected Length of Discussion	5 min

I. BUSINESS PRESENTED BY PUBLIC

J. BUSINESS PRESENTED BY BOARD PRESIDENT, MAYOR, AND BOARD MEMBERS

May make brief informative statements or bring up items to be discussed at a future meeting.

K. ADJOURNMENT

This Board may take any action it considers appropriate related to any item on this agenda.

Request from persons with disabilities who need assistance to participate in this meeting, including need for an interpreter, materials in alternate formats, or other accommodations, should be made to the Office of the City Clerk at (608) 329-2564 with as much advance notice as possible so that proper arrangements can be made.

Members: President Chuck Koch, Vice President Tom Miller, Jeff Newcomer , Alt. Reid Stangel

Youth in Government Members: Nathan Smith, Andrew Wheat, Samuel Nicholson

Monroe Parks and Recreation 2017 Forestry Report

In 2016 the tree trimming program continued. Trees were trimmed to maintain clearance over streets and sidewalks. Trees were also trimmed that blocked street lights, intersections and to remove dead and broken limbs. The trimming took 77 hours to complete at \$160 per hour for a cost of \$12,320.

In 2016, the tree removal program continued. Dead, diseased or hazardous trees were removed under this program. In 2016, 104 trees were removed from city terraces and 8 from city parks. The 112 trees were removed at a cost of \$21.00 per diameter inch for a tree removal cost of \$54,012. The stumps were removed at a cost of \$5.20 per diameter inch for a stump removal cost of \$15,155.80. The cost for tree and stump removal in 2016 was \$69,167.80. The tree trimming, tree removal and stump removal was done by Whitney Tree Service of Monroe, Wisconsin for a total cost of \$81,487.80.

This year the average size tree removed was 23 diameter inches. The cost to remove an average size tree was \$483. The stump on an average size tree was removed for \$119.60. In the 31 years the city has had a tree removal program, 2,527 trees have been removed from city terraces.

In 2016, the city received a \$50,000 matching grant through the Department of Natural Resources Urban Forestry Program. The grant provided funds to contract with Tru-Green Madison to treat 228 terrace ash trees for a cost of \$20,000. In addition to the treatments, the grant provided funds to pre-emptively remove 52 ash trees. The ash tree removals were completed by Whitney Tree Service for a cost of \$30,007.20. Out of the 112 public trees removed in 2016, 52 were ash trees.

The terrace tree planting program continued with a spring and fall planting program. By planting in the spring and fall, a wider variety of trees may be planted. A total of 46 trees were planted on city terraces under this program in 2016. In 2016, property owners had a choice of Regal Prince Oak, Turkish Hazelnut, London Plane Tree, Hackberry, Kentucky Coffee Tree, American Sentry Linden, Ivory Silk Lilac and Cleveland Select Pear. The price of the trees was \$55.00 - \$155.00. The price included the Park Department determining the proper planting location, planting, fertilizing, mulching, staking and watering the trees. The trees were given a one year guarantee. A total of 2,220 trees have been planted on city terraces since the planting program began in the fall of 1986. Sixteen trees were planted in city parks in 2016.

In 2016, the National Arbor Day Foundation named Monroe a Tree City USA for the 28th consecutive year. The Foundation recognizes cities who meet their standards with their urban forestry programs. In 2016, Monroe also received a Tree City USA Growth Award. The Growth Award recognizes Tree City communities that have made a significant improvement in their tree care efforts.

**TWINING PARK -SOUTH RESTROOM & SHELTER BUILDING
CITY OF MONROE**

BID TABULATION

				BRANDT CONSTRUCTION		KSW CONSTRUCTION		GILBANK CONSTRUCTION		JOE DANIELS CONSTRUCTION	
NO	TYPE OF WORK	UNIT	QUANTITY	UNIT PRICE	PRICE	UNIT PRICE	PRICE	UNIT PRICE	PRICE	UNIT PRICE	PRICE
BASE BID QUANTITIES											
1	SOUTH RESTROOM AND SHELTER BUILDING COMPLETE(INCLUDING ALL DEMOLITION WORK)	LS	1		\$ 416,000.00		\$ 415,633.00		\$ 390,000.00		\$ 472,646.00
2	SUPPLY AND INSTALL 6" SEWER LATERAL COMPLETE	LF	115.0	\$ 73.00	\$ 8,395.00	\$ 44.70	\$ 5,140.50	\$ 112.00	\$ 12,880.00	\$ 45.40	\$ 5,221.00
3	SUPPLY AND INSTALL 2" WATER SERVICE COMPLETE	LF	90.0	\$ 62.00	\$ 5,580.00	\$ 56.00	\$ 5,040.00	\$ 70.00	\$ 6,300.00	\$ 52.25	\$ 4,702.50
4	ROCK EXCAVATION	CY	100.0	\$ 10.00	\$ 1,000.00	\$ 10.00	\$ 1,000.00	\$ 1.00	\$ 100.00	\$ 150.00	\$ 15,000.00
5	HAZARDOUS MATERIAL ABATEMENT AT ROOFING	SF	1500.0	\$ 2.00	\$ 3,000.00	\$ 1.25	\$ 1,875.00	\$ 1.00	\$ 1,500.00	\$ 5.25	\$ 7,875.00
TOTAL ITEMS 1 THRU 5 (BASE BID)					\$ 433,975.00		\$ 428,688.50		\$ 410,780.00		\$ 505,444.50
ALTERNATE BID ITEMS											
A-1	PROVIDE AND INSTALL METAL SHINGLE ROOFING AS INDICATED IN LIEU OF FIBERGLASS ARCHITECTURAL SHINGLES PER PLANS AND SPECIFICATIONS	LS	1.0		\$ 9,400.00		\$ 9,870.00		\$ 11,300.00		\$ 9,870.00
A-2	AT FAMILY RESTROOM, PROVIDE AND INSTALL ALL PLUMBING FIXTURES AND RESTROOM ACCESSORIES AS INDICATED AND SPECIFIED IN LIEU OF THE PLUMBING AND RESTROOM ACCESSORIES ROUGH-IN OUTLINED IN THE BASE BID DESCRIPTION OF WORK AND AS NOTED ON THE DRAWINGS	LS	1.0		\$ 2,056.00		\$ 3,092.00		\$ 3,600.00		\$ 3,655.00
3	AT THE OPEN AIR SHELTER, AT GRIDLINE A2-A3 AND B2-B3, PROVIDE AND INSTALL STONE CAPPED CMU BENCHES AND FOUNDATIONS AS INDICATED AND DETAILED IN LIEU OF THE TYPICAL PIER AND CMU COLUMN WRAP OUTLINED IN THE BASE BID DESCRIPTION OF WORK AND AS NOTED ON THE DRAWINGS.	LS	1.0		\$ 11,332.00		\$ 9,361.00		\$ 4,500.00		\$ 12,769.00
PROJECT TOTAL											
TOTAL BASE BID 1 THRU 5					\$ 433,975.00		\$ 428,688.50		\$ 410,780.00		\$ 505,444.50
TOTAL BASE BID + (A-1)					\$ 443,375.00		\$ 438,558.50		\$ 422,080.00		\$ 515,314.50
TOTAL BASE BID + (A-2)					\$ 436,031.00		\$ 431,780.50		\$ 414,380.00		\$ 509,099.50
TOTAL BASE BID + (A-3)					\$ 445,307.00		\$ 438,049.50		\$ 415,280.00		\$ 518,213.50
TOTAL BASE BID + (A-1) + (A-2) + (A-3)					\$ 456,763.00		\$ 451,011.50		\$ 430,180.00		\$ 531,738.50

**BID TABULATION - 8TH STREET IMPROVMENTS
CITY OF MONROE
Monday, January 30, 2017 at 2:30 pm (prevailing time)**

County: Green

Date: January 30, 2017

Owner: City of Monroe

Time: 2:30 PM

Project 8th Street Improvement Project

Estimate:

Attended By: Jesse W. Duff, Project Engineer

					Contractor		Contractor		Contractor		Contractor			
					Fischer Excavating, Inc.		Maddrell Excavating LLC		Rock Road Companies, Inc.		E & N Hughes Co., Inc.			
					1567 Heine Road		W 6886 Hwy 11		P.O. Box 1818		N2629 Coplien Road			
					Freeport, IL 61032		Monroe, WI 53566		Janesville, WI 53547-1818		P.O. Box 408			
					5% Bid Bond (Yes)		5% Bid Bond (Yes)		5% Bid Bond (Yes)		5% Bid Bond (Yes)			
					Addendum 1 & 2 (Yes)		Addendum 1 & 2 (Yes)		Addendum 1 & 2 (Yes)		Addendum 1 & 2 (Yes)			
					Approved Engineer's Estimate									
Item No.	Bid Item No.	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
1	204.0100	REMOVING PAVEMENT	SY	4,989	\$ 6.00	\$ 29,934.00	\$ 3.05	\$ 15,216.45	\$ 3.50	\$ 17,461.50	\$ 1.98	\$ 9,878.22	\$ 3.25	\$ 16,214.25
2	204.0120	REMOVING ASPHALTIC SURFACE MILLING, 2"	SY	9,567	\$ 3.00	\$ 28,701.00	\$ 2.19	\$ 20,951.73	\$ 3.20	\$ 30,614.40	\$ 1.46	\$ 13,967.82	\$ 2.53	\$ 24,204.51
3	204.0150	REMOVING CURB & GUTTER	LF	10,503	\$ 3.50	\$ 36,760.50	\$ 2.89	\$ 30,353.67	\$ 2.55	\$ 26,782.65	\$ 3.06	\$ 32,139.18	\$ 2.90	\$ 30,458.70
4	204.0155	REMOVING CONCRETE SIDEWALK	SY	3,271	\$ 6.00	\$ 19,626.00	\$ 4.80	\$ 15,700.80	\$ 3.90	\$ 12,756.90	\$ 4.11	\$ 13,443.81	\$ 2.90	\$ 9,485.90
5	204.0165	REMOVING GUARDRAIL	LF	67	\$ 25.00	\$ 1,675.00	\$ 3.00	\$ 201.00	\$ 8.00	\$ 536.00	\$ 4.00	\$ 268.00	\$ 3.45	\$ 231.15
6	204.0180	REMOVING DELINEATORS AND MARKERS	EA	2	\$ 50.00	\$ 100.00	\$ 20.00	\$ 40.00	\$ 60.00	\$ 120.00	\$ 25.00	\$ 50.00	\$ 23.00	\$ 46.00
7	204.0195	REMOVING CONCRETE BASES	EA	16	\$ 250.00	\$ 4,000.00	\$ 250.00	\$ 4,000.00	\$ 250.00	\$ 4,000.00	\$ 150.00	\$ 2,400.00	\$ 345.00	\$ 5,520.00
8	204.0210	REMOVING MANHOLES	EA	9	\$ 525.00	\$ 4,725.00	\$ 467.83	\$ 4,210.47	\$ 125.00	\$ 1,125.00	\$ 347.18	\$ 3,124.62	\$ 125.00	\$ 1,125.00
9	204.0220	REMOVING INLETS	EA	36	\$ 325.00	\$ 11,700.00	\$ 351.66	\$ 12,659.76	\$ 100.00	\$ 3,600.00	\$ 260.38	\$ 9,373.68	\$ 100.00	\$ 3,600.00
10	204.0245	REMOVING STORM SEWER (SIZE) 01. 10-INCH	LF	50	\$ 20.00	\$ 1,000.00	\$ 12.40	\$ 620.00	\$ 12.50	\$ 625.00	\$ 11.55	\$ 577.50	\$ 12.50	\$ 625.00
11	204.0245	REMOVING STORM SEWER (SIZE) 02. 12-INCH	LF	509	\$ 15.00	\$ 7,635.00	\$ 12.40	\$ 6,311.60	\$ 13.90	\$ 7,075.10	\$ 11.55	\$ 5,878.95	\$ 13.90	\$ 7,075.10
12	204.0245	REMOVING STORM SEWER (SIZE) 03. 15-INCH	LF	153	\$ 18.00	\$ 2,754.00	\$ 13.39	\$ 2,048.67	\$ 16.10	\$ 2,463.30	\$ 11.55	\$ 1,767.15	\$ 16.10	\$ 2,463.30
13	204.0245	REMOVING STORM SEWER (SIZE) 04. 18-INCH	LF	1,396	\$ 8.00	\$ 11,168.00	\$ 14.03	\$ 19,585.88	\$ 15.80	\$ 22,056.80	\$ 11.55	\$ 16,123.80	\$ 15.80	\$ 22,056.80
14	204.0245	REMOVING STORM SEWER (SIZE) 05. 21-INCH	LF	3	\$ 25.00	\$ 75.00	\$ 13.55	\$ 40.65	\$ 16.50	\$ 49.50	\$ 11.55	\$ 34.65	\$ 16.50	\$ 49.50
15	204.0245	REMOVING STORM SEWER (SIZE) 06. 24-INCH	LF	856	\$ 15.00	\$ 12,840.00	\$ 17.55	\$ 15,022.80	\$ 17.50	\$ 14,980.00	\$ 11.55	\$ 9,886.80	\$ 17.50	\$ 14,980.00
16	204.0245	REMOVING STORM SEWER (SIZE) 07. 36-INCH	LF	489	\$ 18.00	\$ 8,802.00	\$ 22.04	\$ 10,777.56	\$ 21.00	\$ 10,269.00	\$ 11.55	\$ 5,647.95	\$ 21.00	\$ 10,269.00
17	204.0245	REMOVING STORM SEWER (SIZE) 08. 42-INCH	LF	129	\$ 25.00	\$ 3,225.00	\$ 24.64	\$ 3,178.56	\$ 27.00	\$ 3,483.00	\$ 11.55	\$ 1,489.95	\$ 27.00	\$ 3,483.00
18	204.0245	REMOVING STORM SEWER (SIZE) 09. 48-INCH	LF	105	\$ 25.00	\$ 2,625.00	\$ 25.46	\$ 2,673.30	\$ 35.00	\$ 3,675.00	\$ 11.55	\$ 1,212.75	\$ 35.00	\$ 3,675.00
19	205.0100	EXCAVATION COMMON *** PAID PER PLAN QUANTITY	CY	25,895	\$ 11.50	\$ 297,792.50	\$ 10.50	\$ 271,897.50	\$ 15.00	\$ 388,425.00	\$ 8.50	\$ 220,107.50	\$ 10.40	\$ 269,308.00
20	205.0200	EXCAVATION ROCK	CY	911	\$ 20.00	\$ 18,220.00	\$ 50.70	\$ 46,187.70	\$ 145.00	\$ 132,095.00	\$ 46.10	\$ 41,997.10	\$ 143.70	\$ 130,910.70
21	211.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01.	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 24,941.57	\$ 24,941.57	\$ 32,650.00	\$ 32,650.00	\$ 5,000.00	\$ 5,000.00	\$ 28,750.00	\$ 28,750.00
22	213.0100	FINISHING ROADWAY (PROJECT) 01.	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 7,361.30	\$ 7,361.30	\$ 7,500.00	\$ 7,500.00	\$ 4,913.10	\$ 4,913.10	\$ 5,520.00	\$ 5,520.00
23	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	13	\$ 27.00	\$ 351.00	\$ 14.25	\$ 185.25	\$ 26.00	\$ 338.00	\$ 20.27	\$ 263.51	\$ 28.75	\$ 373.75
24	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	27,700	\$ 12.00	\$ 332,400.00	\$ 12.95	\$ 358,715.00	\$ 10.85	\$ 300,545.00	\$ 8.43	\$ 233,511.00	\$ 14.65	\$ 405,805.00
25	312.0110	SELECT CRUSHED MATERIAL	TON	10,300	\$ 12.00	\$ 123,600.00	\$ 12.40	\$ 127,720.00	\$ 10.85	\$ 111,755.00	\$ 8.48	\$ 87,344.00	\$ 13.80	\$ 142,140.00
26	415.0100	CONCRETE PAVEMENT 10-INCH	SY	1,221	\$ 42.00	\$ 51,282.00	\$ 53.24	\$ 65,006.04	\$ 56.35	\$ 68,803.35	\$ 56.09	\$ 68,485.89	\$ 59.80	\$ 73,015.80
27	415.0410	CONCRETE PAVEMENT APPROACH SLAB	SY	210	\$ 145.00	\$ 30,450.00	\$ 174.66	\$ 36,678.60	\$ 145.25	\$ 30,502.50	\$ 144.21	\$ 30,284.10	\$ 184.00	\$ 38,640.00
28	416.0160	CONCRETE DRIVEWAY 6-INCH	SY	725	\$ 40.00	\$ 29,000.00	\$ 40.00	\$ 29,000.00	\$ 44.34	\$ 32,146.50	\$ 42.34	\$ 30,696.50	\$ 46.00	\$ 33,350.00
29	416.0260	CONCRETE DRIVEWAY HES 6-INCH	SY	405	\$ 50.00	\$ 20,250.00	\$ 45.00	\$ 18,225.00	\$ 44.99	\$ 18,220.95	\$ 44.97	\$ 18,212.85	\$ 51.75	\$ 20,958.75
30	416.0610	DRILLED TIE BARS	EA	168	\$ 6.50	\$ 1,092.00	\$ 8.00	\$ 1,344.00	\$ 8.00	\$ 1,344.00	\$ 4.88	\$ 819.84	\$ 9.20	\$ 1,545.60
31	455.0605	TACK COAT	GAL	2,461	\$ 5.00	\$ 12,305.00	\$ 2.45	\$ 6,029.45	\$ 2.45	\$ 6,029.45	\$ 2.45	\$ 6,029.45	\$ 2.80	\$ 6,890.80
32	460.6223	HMA PAVEMENT 3 MT 58-28 S	TON	5,044	\$ 78.00	\$ 393,432.00	\$ 42.00	\$ 211,848.00	\$ 43.50	\$ 219,414.00	\$ 42.00	\$ 211,848.00	\$ 48.30	\$ 243,625.20
33	460.6424	HMA PAVEMENT 4 MT 58-28 H	TON	4,844	\$ 80.00	\$ 387,520.00	\$ 48.35	\$ 234,207.40	\$ 49.62	\$ 240,359.28	\$ 48.00	\$ 232,512.00	\$ 55.20	\$ 267,388.80
34	465.0120	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	248	\$ 110.00	\$ 27,280.00	\$ 75.00	\$ 18,600.00	\$ 75.80	\$ 18,798.40	\$ 75.00	\$ 18,600.00	\$ 86.25	\$ 21,390.00
35	465.0125	ASPHALTIC SURFACE TEMPORARY	TON	194	\$ 80.00	\$ 15,520.00	\$ 86.00	\$ 16,684.00	\$ 110.00	\$ 21,340.00	\$ 86.00	\$ 16,684.00	\$ 98.90	\$ 19,186.60
36	509.1500	CONCRETE SURFACE REPAIR	SF	190	\$ 90.00	\$ 17,100.00	\$ 84.00	\$ 15,960.00	\$ 78.50	\$ 14,915.00	\$ 84.00	\$ 15,960.00	\$ 77.00	\$ 14,630.00
37	520.8000	CONCRETE COLLARS FOR PIPE	EA	7	\$ 500.00	\$ 3,500.00	\$ 960.86	\$ 6,726.02	\$ 2,125.00	\$ 14,875.00	\$ 362.59	\$ 2,538.13	\$ 2,102.00	\$ 14,714.00
38	522.1015	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 15-INCH	EA	3	\$ 750.00	\$ 2,250.00	\$ 1,114.53	\$ 3,343.59	\$ 2,100.00	\$ 6,300.00	\$ 617.13	\$ 1,851.39	\$ 2,050.00	\$ 6,150.00
39	530.0112	CULVERT PIPE CORRUGATED POLYETHYLENE 12-INCH	LF	155	\$ 25.00	\$ 3,875.00	\$ 37.87	\$ 5,869.85	\$ 37.60	\$ 5,828.00	\$ 41.39	\$ 6,415.45	\$ 35.60	\$ 5,518.00
40	530.0115	CULVERT PIPE CORRUGATED POLYETHYLENE 15-INCH	LF	175	\$ 30.00	\$ 5,250.00	\$ 40.49	\$ 7,085.75	\$ 50.00	\$ 8,750.00	\$ 50.06	\$ 8,760.50	\$ 48.00	\$ 8,400.00
41	530.0118	CULVERT PIPE CORRUGATED POLYETHYLENE 18-INCH	LF	370	\$ 40.00	\$ 14,800.00	\$ 42.44	\$ 15,702.80	\$ 51.35	\$ 18,999.50	\$ 34.77	\$ 12,864.90	\$ 49.50	\$ 18,315.00
42	601.0405	CONCRETE CURB & GUTTER 18-INCH TYPE A	LF	304	\$ 17.00	\$ 5,168.00	\$ 20.00	\$ 6,080.00	\$ 21.05	\$ 6,399.20	\$ 20.72	\$ 6,298.88	\$ 23.00	\$ 6,992.00
43	601.0407	CONCRETE CURB & GUTTER 18-INCH TYPE D	LF	150	\$ 24.00	\$ 3,600.00	\$ 25.00	\$ 3,750.00	\$ 30.92	\$ 4,638.00	\$ 29.91	\$ 4,486.50	\$ 28.75	\$ 4,312.50
44	601.0409	CONCRETE CURB & GUTTER 30-INCH TYPE A	LF	940	\$ 18.00	\$ 16,920.00	\$ 15.00	\$ 14,100.00	\$ 14.88	\$ 13,987.20	\$ 14.37	\$ 13,507.80	\$ 17.25	\$ 16,215.00
45	601.0411	CONCRETE CURB & GUTTER 30-INCH TYPE D	LF	9,641	\$ 16.00	\$ 154,256.00	\$ 13.00	\$ 125,333.00	\$ 13.37	\$ 128,900.17	\$ 13.33	\$ 128,514.53	\$ 14.95	\$ 144,132.95
46	602.0405	CONCRETE SIDEWALK 4-INCH	SF	30,717	\$ 3.50	\$ 107,509.50	\$ 4.00	\$ 122,868.00	\$ 3.85	\$ 118,260.45	\$ 3.65	\$ 112,117.05	\$ 4.60	\$ 141,298.20
47	602.0415	CONCRETE SIDEWALK 6-INCH	SF	3,689	\$ 4.50	\$ 16,600.50	\$ 4.25	\$ 15,678.25	\$ 5.27	\$ 19,441.03	\$ 5.18	\$ 19,109.02	\$ 4.89	\$ 18,039.21
48	602.0515	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA	SF	387	\$ 37.00	\$ 14,319.00	\$ 40.00	\$ 15,480.00	\$ 36.88	\$ 14,272.56	\$ 35.00	\$ 13,545.00	\$ 46.00	\$ 17,802.00
49	603.8000	CONCRETE BARRIER TEMPORARY PRECAST DELIVERED	LF	160	\$ 15.00	\$ 2,400.00	\$ 15.00	\$ 2,400.00	\$ 18.00	\$ 2,880.00	\$ 15.00	\$ 2,400.00	\$ 30.71	\$ 4,913.60
50	603.8125	CONCRETE BARRIER TEMPORARY PRECAST INSTALLED	LF	160	\$ 4.00	\$ 640.00	\$ 8.50	\$ 1,360.00	\$ 12.00	\$ 1,920.00	\$ 8.50	\$ 1,360.00	\$ 4.60	\$ 736.00
51	606.0200	RIPRAP MEDIUM	CY	9.5	\$ 60.00	\$ 570.00	\$ 52.50	\$ 498.75	\$ 81.25	\$ 771.88	\$ 65.00	\$ 617.50	\$ 80.45	\$ 764.28
52	606.0300	RIPRAP HEAVY	CY	81.4	\$ 55.00	\$ 4,477.00	\$ 52.03	\$ 4,235.24	\$ 93.75	\$ 7,631.25	\$ 65.00	\$ 5,291.00	\$ 92.00	\$ 7,488.80
53	608.0412	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH	LF	11	\$ 175.00	\$ 1,925.00	\$ 58.97	\$ 648.67	\$ 97.25	\$ 1,069.75	\$ 83.38	\$ 917.18	\$ 96.80	\$ 1,064.80
54	608.0415	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH	LF	1,154	\$ 52.00	\$ 60,008.00	\$ 47.38	\$ 54,676.52	\$ 96.60	\$ 111,476.40	\$ 44.50	\$ 51,353.00	\$ 95.50	\$ 110,207.00
55	608.0418	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH	LF	503	\$ 60.00	\$ 30,180.00	\$ 65.15	\$ 32,770.45	\$ 88.80	\$ 44,666.40	\$ 52.37	\$ 26,342.11	\$ 88.20	\$ 44,364.60
56	608.0424	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH	LF	821	\$ 90.00	\$ 73,890.00	\$ 68.36	\$ 56,123.56	\$ 76.00	\$ 62,396.00	\$ 54.44	\$ 44,695.24	\$ 75.00	\$ 61,575.00

Item No.	Bid Item No.	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
57	608.0430	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH	LF	79	\$ 115.00	\$ 9,085.00	\$ 79.71	\$ 6,297.09	\$ 100.00	\$ 7,900.00	\$ 76.79	\$ 6,066.41	\$ 99.85	\$ 7,888.15
58	608.0436	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH	LF	187	\$ 130.00	\$ 24,310.00	\$ 98.83	\$ 18,481.21	\$ 120.00	\$ 22,440.00	\$ 76.23	\$ 14,255.01	\$ 120.00	\$ 22,440.00
59	608.0442	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 42-INCH	LF	124	\$ 160.00	\$ 19,840.00	\$ 116.89	\$ 14,494.36	\$ 175.00	\$ 21,700.00	\$ 98.18	\$ 12,174.32	\$ 175.00	\$ 21,700.00
60	608.0448	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 48-INCH	LF	105	\$ 175.00	\$ 18,375.00	\$ 137.81	\$ 14,470.05	\$ 180.00	\$ 18,900.00	\$ 133.51	\$ 14,018.55	\$ 180.00	\$ 18,900.00
61	610.0138	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 38X60-INCH	LF	256	\$ 220.00	\$ 56,320.00	\$ 160.50	\$ 41,088.00	\$ 225.50	\$ 57,728.00	\$ 146.49	\$ 37,501.44	\$ 224.00	\$ 57,344.00
62	611.0530	MANHOLE COVERS TYPE J	EA	10	\$ 450.00	\$ 4,500.00	\$ 290.43	\$ 2,904.30	\$ 340.00	\$ 3,400.00	\$ 402.60	\$ 4,026.00	\$ 340.00	\$ 3,400.00
63	611.0600	INLET COVERS TYPE A	EA	5	\$ 550.00	\$ 2,750.00	\$ 435.65	\$ 2,178.25	\$ 476.00	\$ 2,380.00	\$ 537.21	\$ 2,686.05	\$ 476.00	\$ 2,380.00
64	611.0603	INLET COVERS TYPE A-S	EA	3	\$ 600.00	\$ 1,800.00	\$ 431.89	\$ 1,295.67	\$ 489.00	\$ 1,467.00	\$ 533.73	\$ 1,601.19	\$ 489.00	\$ 1,467.00
65	611.0612	INLET COVERS TYPE C	EA	10	\$ 450.00	\$ 4,500.00	\$ 305.46	\$ 3,054.60	\$ 350.00	\$ 3,500.00	\$ 416.53	\$ 4,165.30	\$ 350.00	\$ 3,500.00
66	611.0624	INLET COVERS TYPE H	EA	29	\$ 600.00	\$ 17,400.00	\$ 450.67	\$ 13,069.43	\$ 487.00	\$ 14,123.00	\$ 608.00	\$ 17,632.00	\$ 487.00	\$ 14,123.00
67	611.0639	INLET COVERS TYPE H-S	EA	14	\$ 600.00	\$ 8,400.00	\$ 450.67	\$ 6,309.38	\$ 510.00	\$ 7,140.00	\$ 608.00	\$ 8,512.00	\$ 510.00	\$ 7,140.00
68	611.2004	MANHOLES 4-FT DIAMETER	EA	7	\$ 2,100.00	\$ 14,700.00	\$ 1,608.20	\$ 11,257.40	\$ 2,185.00	\$ 15,295.00	\$ 1,389.98	\$ 9,729.86	\$ 2,184.00	\$ 15,288.00
69	611.2005	MANHOLES 5-FT DIAMETER	EA	3	\$ 2,400.00	\$ 7,200.00	\$ 2,861.09	\$ 8,583.27	\$ 3,569.00	\$ 10,707.00	\$ 1,971.96	\$ 5,915.88	\$ 3,569.00	\$ 10,707.00
70	611.2006	MANHOLES 6-FT DIAMETER	EA	2	\$ 3,500.00	\$ 7,000.00	\$ 3,755.50	\$ 7,511.00	\$ 3,800.00	\$ 7,600.00	\$ 4,118.36	\$ 8,236.72	\$ 3,800.00	\$ 7,600.00
71	611.2007	MANHOLES 7-FT DIAMETER	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 5,569.25	\$ 5,569.25	\$ 5,143.51	\$ 5,143.51	\$ 3,596.69	\$ 3,596.69	\$ 5,143.51	\$ 5,143.51
72	611.2008	MANHOLES 8-FT DIAMETER	EA	6	\$ 7,500.00	\$ 45,000.00	\$ 8,912.48	\$ 53,474.88	\$ 6,602.00	\$ 39,612.00	\$ 4,720.86	\$ 28,325.16	\$ 6,602.00	\$ 39,612.00
73	611.3003	INLETS 3-FT DIAMETER	EA	3	\$ 1,150.00	\$ 3,450.00	\$ 1,100.92	\$ 3,302.76	\$ 875.00	\$ 2,625.00	\$ 1,256.68	\$ 3,770.04	\$ 875.00	\$ 2,625.00
74	611.3004	INLETS 4-FT DIAMETER	EA	11	\$ 1,250.00	\$ 13,750.00	\$ 1,835.90	\$ 20,194.90	\$ 1,600.00	\$ 17,600.00	\$ 1,389.42	\$ 15,283.62	\$ 1,600.00	\$ 17,600.00
75	611.3230	INLETS 2X3-FT	EA	35	\$ 1,400.00	\$ 49,000.00	\$ 1,540.29	\$ 53,910.15	\$ 1,190.00	\$ 41,650.00	\$ 1,270.54	\$ 44,468.90	\$ 1,190.00	\$ 41,650.00
76	611.8110	ADJUSTING MANHOLE COVERS	EA	4	\$ 400.00	\$ 1,600.00	\$ 319.85	\$ 1,279.40	\$ 650.00	\$ 2,600.00	\$ 261.78	\$ 1,047.12	\$ 650.00	\$ 2,600.00
77	611.8115	ADJUSTING INLET COVERS	EA	2	\$ 350.00	\$ 700.00	\$ 319.87	\$ 639.74	\$ 695.00	\$ 1,390.00	\$ 449.57	\$ 899.14	\$ 695.00	\$ 1,390.00
78	612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	590	\$ 6.50	\$ 3,835.00	\$ 8.33	\$ 4,914.70	\$ 29.90	\$ 17,641.00	\$ 16.49	\$ 9,729.10	\$ 29.90	\$ 17,641.00
79	620.0300	CONCRETE MEDIAN SLOPED NOSE	SF	708	\$ 8.00	\$ 5,664.00	\$ 9.00	\$ 6,372.00	\$ 5.15	\$ 3,646.20	\$ 5.00	\$ 3,540.00	\$ 10.35	\$ 7,327.80
80	625.0105	TOPSOIL	CY	1,500	\$ 22.00	\$ 33,000.00	\$ 24.90	\$ 37,350.00	\$ 28.00	\$ 42,000.00	\$ 14.09	\$ 21,135.00	\$ 33.35	\$ 50,025.00
81	628.1504	SILT FENCE	LF	1,667	\$ 1.75	\$ 2,917.25	\$ 1.70	\$ 2,833.90	\$ 2.00	\$ 3,334.00	\$ 1.80	\$ 3,000.60	\$ 2.63	\$ 4,384.21
82	628.1905	MOBILIZATIONS EROSION CONTROL	EA	4	\$ 175.00	\$ 700.00	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00	\$ 400.00	\$ 1,600.00	\$ 115.00	\$ 460.00
83	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EA	2	\$ 150.00	\$ 300.00	\$ 100.00	\$ 200.00	\$ 250.00	\$ 500.00	\$ 200.00	\$ 400.00	\$ 115.00	\$ 230.00
84	628.2006	EROSION MAT URBAN CLASS I TYPE A	SY	11,757	\$ 1.00	\$ 11,757.00	\$ 1.30	\$ 15,284.10	\$ 1.40	\$ 16,459.80	\$ 0.97	\$ 11,404.29	\$ 1.50	\$ 17,635.50
85	628.7005	INLET PROTECTION TYPE A	EA	56	\$ 75.00	\$ 4,200.00	\$ 105.00	\$ 5,880.00	\$ 95.00	\$ 5,320.00	\$ 95.00	\$ 5,320.00	\$ 120.75	\$ 6,762.00
86	628.7015	INLET PROTECTION TYPE C	EA	30	\$ 60.00	\$ 1,800.00	\$ 40.00	\$ 1,200.00	\$ 55.00	\$ 1,650.00	\$ 45.00	\$ 1,350.00	\$ 46.00	\$ 1,380.00
87	628.7020	INLET PROTECTION TYPE D	EA	22	\$ 110.00	\$ 2,420.00	\$ 105.00	\$ 2,310.00	\$ 95.00	\$ 2,090.00	\$ 40.00	\$ 880.00	\$ 120.75	\$ 2,656.50
88	628.7570	ROCK BAGS	EA	108	\$ 9.00	\$ 972.00	\$ 9.00	\$ 972.00	\$ 12.00	\$ 1,296.00	\$ 12.00	\$ 1,296.00	\$ 10.35	\$ 1,117.80
89	629.0210	FERTILIZER TYPE B	CWT	8	\$ 60.00	\$ 480.00	\$ 65.00	\$ 520.00	\$ 71.00	\$ 568.00	\$ 62.00	\$ 496.00	\$ 74.75	\$ 598.00
90	630.0140	SEEDING MIXTURE NO. 40	LB	225	\$ 10.00	\$ 2,250.00	\$ 6.70	\$ 1,507.50	\$ 20.00	\$ 4,500.00	\$ 12.00	\$ 2,700.00	\$ 7.71	\$ 1,734.75
91	632.0101	TREES, ACER X FREEMANII "AUTUMN BLAZE", 3" CAL, B&B	EA	3	\$ 500.00	\$ 1,500.00	\$ 600.00	\$ 1,800.00	\$ 575.00	\$ 1,725.00	\$ 800.00	\$ 2,400.00	\$ 690.00	\$ 2,070.00
92	637.2210	SIGNS TYPE II REFLECTIVE H	SF	841.1	\$ 17.00	\$ 14,298.70	\$ 16.85	\$ 14,172.54	\$ 20.25	\$ 17,032.28	\$ 14.00	\$ 11,775.40	\$ 19.38	\$ 16,300.52
93	637.2215	SIGNS TYPE II REFLECTIVE H FOLDING	SF	87.5	\$ 26.00	\$ 2,275.00	\$ 23.25	\$ 2,034.38	\$ 20.25	\$ 1,771.88	\$ 18.00	\$ 1,575.00	\$ 26.74	\$ 2,339.75
94	642.5001	FIELD OFFICE TYPE B	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 17,526.13	\$ 17,526.13	\$ 3,800.00	\$ 3,800.00	\$ 10,449.25	\$ 10,449.25	\$ 8,979.00	\$ 8,979.00
95	643.0100	TRAFFIC CONTROL (PROJECT)	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 14,500.00	\$ 14,500.00	\$ 25,000.00	\$ 25,000.00	\$ 14,500.00	\$ 14,500.00	\$ 16,675.00	\$ 16,675.00
96	643.0300	TRAFFIC CONTROL DRUMS	DAY	70,960	\$ 0.32	\$ 22,707.20	\$ 0.25	\$ 17,740.00	\$ 0.25	\$ 17,740.00	\$ 0.25	\$ 17,740.00	\$ 0.30	\$ 21,288.00
97	643.0410	TRAFFIC CONTROL BARRICADES TYPE II	DAY	2,695	\$ 1.00	\$ 2,695.00	\$ 0.25	\$ 673.75	\$ 0.25	\$ 673.75	\$ 0.25	\$ 673.75	\$ 0.28	\$ 754.60
98	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	5,335	\$ 1.00	\$ 5,335.00	\$ 0.50	\$ 2,667.50	\$ 0.50	\$ 2,667.50	\$ 0.50	\$ 2,667.50	\$ 0.60	\$ 3,201.00
99	643.0500	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	EA	392	\$ 23.00	\$ 9,016.00	\$ 20.00	\$ 7,840.00	\$ 20.00	\$ 7,840.00	\$ 20.00	\$ 7,840.00	\$ 23.00	\$ 9,016.00
100	643.0600	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	EA	392	\$ 6.00	\$ 2,352.00	\$ 10.00	\$ 3,920.00	\$ 10.00	\$ 3,920.00	\$ 10.00	\$ 3,920.00	\$ 11.50	\$ 4,508.00
101	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	10,670	\$ 0.17	\$ 1,813.90	\$ 0.10	\$ 1,067.00	\$ 0.10	\$ 1,067.00	\$ 0.10	\$ 1,067.00	\$ 0.12	\$ 1,280.40
102	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAY	38,545	\$ 0.20	\$ 7,709.00	\$ 0.15	\$ 5,781.75	\$ 0.15	\$ 5,781.75	\$ 0.15	\$ 5,781.75	\$ 0.17	\$ 6,552.65
103	643.0900	TRAFFIC CONTROL SIGNS	DAY	15,560	\$ 0.75	\$ 11,670.00	\$ 0.50	\$ 7,780.00	\$ 0.50	\$ 7,780.00	\$ 0.50	\$ 7,780.00	\$ 0.58	\$ 9,024.80
104	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	252	\$ 75.00	\$ 18,900.00	\$ 30.00	\$ 7,560.00	\$ 30.00	\$ 7,560.00	\$ 30.00	\$ 7,560.00	\$ 34.50	\$ 8,694.00
105	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	8,369	\$ 0.40	\$ 3,347.60	\$ 0.40	\$ 3,347.60	\$ 0.38	\$ 3,180.22	\$ 0.40	\$ 3,347.60	\$ 0.46	\$ 3,849.74
106	646.0126	PAVEMENT MARKING EPOXY 8-INCH	LF	3,511	\$ 1.00	\$ 3,511.00	\$ 0.80	\$ 2,808.80	\$ 0.66	\$ 2,317.26	\$ 0.80	\$ 2,808.80	\$ 0.92	\$ 3,230.12
107	647.0156	PAVEMENT MARKING ARROWS EPOXY TYPE 1	EA	2	\$ 200.00	\$ 400.00	\$ 130.00	\$ 260.00	\$ 216.00	\$ 432.00	\$ 130.00	\$ 260.00	\$ 149.50	\$ 299.00
108	647.0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EA	36	\$ 175.00	\$ 6,300.00	\$ 135.00	\$ 4,860.00	\$ 271.00	\$ 9,756.00	\$ 135.00	\$ 4,860.00	\$ 155.25	\$ 5,589.00
109	647.0176	PAVEMENT MARKING ARROWS EPOXY TYPE 3	EA	11	\$ 225.00	\$ 2,475.00	\$ 175.00	\$ 1,925.00	\$ 356.00	\$ 3,916.00	\$ 175.00	\$ 1,925.00	\$ 201.25	\$ 2,213.75
110	647.0356	PAVEMENT MARKING WORDS EPOXY	EA	17	\$ 200.00	\$ 3,400.00	\$ 140.00	\$ 2,380.00	\$ 328.00	\$ 5,576.00	\$ 140.00	\$ 2,380.00	\$ 161.00	\$ 2,737.00
111	647.0456	PAVEMENT MARKING CURB EPOXY	LF	117	\$ 7.50	\$ 877.50	\$ 5.00	\$ 585.00	\$ 9.66	\$ 1,130.22	\$ 5.00	\$ 585.00	\$ 5.75	\$ 672.75
112	647.0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	616	\$ 7.25	\$ 4,466.00	\$ 6.00	\$ 3,696.00	\$ 9.60	\$ 5,913.60	\$ 6.00	\$ 3,696.00	\$ 6.90	\$ 4,250.40
113	647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EA	12	\$ 100.00	\$ 1,200.00	\$ 89.00	\$ 1,068.00	\$ 138.00	\$ 1,656.00	\$ 89.00	\$ 1,068.00	\$ 102.35	\$ 1,228.20
114	647.0726	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH	LF	208	\$ 6.00	\$ 1,248.00	\$ 5.40	\$ 1,123.20	\$ 8.55	\$ 1,778.40	\$ 5.40	\$ 1,123.20	\$ 5.80	\$ 1,206.40
115	647.0766	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	LF	2,531	\$ 6.00	\$ 15,186.00	\$ 4.80	\$ 12,148.80	\$ 5.76	\$ 14,578.56	\$ 4.80	\$ 12,148.80	\$ 5.52	\$ 13,971.12
116	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	167	\$ 8.00	\$ 1,336.00	\$ 4.50	\$ 751.50	\$ 4.50	\$ 751.50	\$ 5.50	\$ 918.50	\$ 5.18	\$ 865.06
117	652.0235	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	LF	560	\$ 7.50	\$ 4,200.00	\$ 6.00	\$ 3,360.00	\$ 6.00	\$ 3,360.00	\$ 6.50	\$ 3,640.00	\$ 6.90	\$ 3,864.00
118	652.0615	CONDUIT SPECIAL 3-INCH	LF	556										

Item No.	Bid Item No.	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
125	655.0230	CABLE TRAFFIC SIGNAL 5-14 AWG	LF	489	\$ 1.25	\$ 611.25	\$ 0.85	\$ 415.65	\$ 0.85	\$ 415.65	\$ 1.00	\$ 489.00	\$ 0.98	\$ 479.22
126	655.0240	CABLE TRAFFIC SIGNAL 7-14 AWG	LF	394	\$ 1.50	\$ 591.00	\$ 1.10	\$ 433.40	\$ 1.10	\$ 433.40	\$ 1.10	\$ 433.40	\$ 1.27	\$ 500.38
127	655.0260	CABLE TRAFFIC SIGNAL 12-14 AWG	LF	1,681	\$ 2.25	\$ 3,782.25	\$ 1.50	\$ 2,521.50	\$ 1.50	\$ 2,521.50	\$ 1.45	\$ 2,437.45	\$ 1.73	\$ 2,908.13
128	655.0320	CABLE TYPE UF 2-10 AWG GROUNDED	LF	810	\$ 1.30	\$ 1,053.00	\$ 1.15	\$ 931.50	\$ 1.15	\$ 931.50	\$ 1.35	\$ 1,093.50	\$ 1.32	\$ 1,069.20
129	655.0515	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	LF	1,577	\$ 2.25	\$ 3,548.25	\$ 0.65	\$ 1,025.05	\$ 0.70	\$ 1,103.90	\$ 0.90	\$ 1,419.30	\$ 0.75	\$ 1,182.75
130	655.0615	ELECTRICAL WIRE LIGHTING 10 AWG	LF	600	\$ 1.75	\$ 1,050.00	\$ 0.65	\$ 390.00	\$ 0.70	\$ 420.00	\$ 0.90	\$ 540.00	\$ 0.75	\$ 450.00
131	655.0625	ELECTRICAL WIRE LIGHTING 6 AWG	LF	19,980	\$ 1.10	\$ 21,978.00	\$ 0.85	\$ 16,983.00	\$ 0.90	\$ 17,982.00	\$ 1.25	\$ 24,975.00	\$ 0.98	\$ 19,580.40
132	656.0200.01	ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) 01. 8TH STREET AND 4TH AVENUE W	LS	1	\$ 1,250.00	\$ 1,250.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,380.00	\$ 1,380.00
133	656.0200.02	ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) 02. 8TH STREET AND 3RD AVENUE	LS	1	\$ 1,250.00	\$ 1,250.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,380.00	\$ 1,380.00
134	657.0100	PEDESTAL BASES	EA	5	\$ 190.00	\$ 950.00	\$ 185.00	\$ 925.00	\$ 185.00	\$ 925.00	\$ 140.00	\$ 700.00	\$ 212.75	\$ 1,063.75
135	657.0255	TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE	EA	5	\$ 325.00	\$ 1,625.00	\$ 350.00	\$ 1,750.00	\$ 350.00	\$ 1,750.00	\$ 335.00	\$ 1,675.00	\$ 402.50	\$ 2,012.50
136	657.0305	POLES TYPE 2	EA	1	\$ 2,200.00	\$ 2,200.00	\$ 1,285.00	\$ 1,285.00	\$ 1,285.00	\$ 1,285.00	\$ 1,085.00	\$ 1,085.00	\$ 1,477.75	\$ 1,477.75
137	657.0310	POLES TYPE 3	EA	4	\$ 2,350.00	\$ 9,400.00	\$ 2,350.00	\$ 9,400.00	\$ 2,350.00	\$ 9,400.00	\$ 2,400.00	\$ 9,600.00	\$ 2,702.50	\$ 10,810.00
138	657.0420	TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT	EA	5	\$ 510.00	\$ 2,550.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 345.00	\$ 1,725.00	\$ 575.00	\$ 2,875.00
139	657.0585	TROMBONE ARMS 15-FT	EA	1	\$ 950.00	\$ 950.00	\$ 980.00	\$ 980.00	\$ 980.00	\$ 980.00	\$ 945.00	\$ 945.00	\$ 1,127.00	\$ 1,127.00
140	657.0590	TROMBONE ARMS 20-FT	EA	3	\$ 1,100.00	\$ 3,300.00	\$ 1,200.00	\$ 3,600.00	\$ 1,200.00	\$ 3,600.00	\$ 1,175.00	\$ 3,525.00	\$ 1,380.00	\$ 4,140.00
141	657.0609	LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	EA	4	\$ 300.00	\$ 1,200.00	\$ 198.00	\$ 792.00	\$ 198.00	\$ 792.00	\$ 155.00	\$ 620.00	\$ 227.70	\$ 910.80
142	658.0110	TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL	EA	8	\$ 550.00	\$ 4,400.00	\$ 390.00	\$ 3,120.00	\$ 390.00	\$ 3,120.00	\$ 245.00	\$ 1,960.00	\$ 448.50	\$ 3,588.00
143	658.0155	TRAFFIC SIGNAL FACE 3-12 INCH HORIZONTAL	EA	4	\$ 550.00	\$ 2,200.00	\$ 390.00	\$ 1,560.00	\$ 390.00	\$ 1,560.00	\$ 245.00	\$ 980.00	\$ 448.50	\$ 1,794.00
144	658.0215	BACKPLATES SIGNAL FACE 3 SECTION 12-INCH	EA	12	\$ 75.00	\$ 900.00	\$ 68.00	\$ 816.00	\$ 68.00	\$ 816.00	\$ 50.00	\$ 600.00	\$ 78.20	\$ 938.40
145	658.0416	PEDESTRIAN SIGNAL FACE 16-INCH	EA	24	\$ 250.00	\$ 6,000.00	\$ 220.00	\$ 5,280.00	\$ 230.00	\$ 5,520.00	\$ 150.00	\$ 3,600.00	\$ 253.00	\$ 6,072.00
146	658.0500	PEDESTRIAN PUSH BUTTONS	EA	24	\$ 245.00	\$ 5,880.00	\$ 260.00	\$ 6,240.00	\$ 260.00	\$ 6,240.00	\$ 200.00	\$ 4,800.00	\$ 299.00	\$ 7,176.00
147	658.0600	LED MODULES 12-INCH RED BALL	EA	14	\$ 116.00	\$ 1,624.00	\$ 50.00	\$ 700.00	\$ 50.00	\$ 700.00	\$ 63.00	\$ 882.00	\$ 57.50	\$ 805.00
148	658.0605	LED MODULES 12-INCH YELLOW BALL	EA	14	\$ 117.00	\$ 1,638.00	\$ 55.00	\$ 770.00	\$ 55.00	\$ 770.00	\$ 64.00	\$ 896.00	\$ 63.25	\$ 885.50
149	658.0610	LED MODULES 12-INCH GREEN BALL	EA	14	\$ 118.00	\$ 1,652.00	\$ 60.00	\$ 840.00	\$ 60.00	\$ 840.00	\$ 65.00	\$ 910.00	\$ 69.00	\$ 966.00
150	658.0635	LED MODULES PEDESTRIAN COUNTDOWN TIMER 16-INCH	EA	24	\$ 280.00	\$ 6,720.00	\$ 225.00	\$ 5,400.00	\$ 225.00	\$ 5,400.00	\$ 175.00	\$ 4,200.00	\$ 258.75	\$ 6,210.00
151	658.5069.01	SIGNAL MOUNTING HARDWARE (LOCATION) 01. 8TH STREET AND 1ST AVENUE	LS	1	\$ 2,600.00	\$ 2,600.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00	\$ 2,530.00	\$ 2,530.00
152	658.5069.02	SIGNAL MOUNTING HARDWARE (LOCATION) 02. 8TH STREET AND 3RD AVENUE	LS	1	\$ 2,600.00	\$ 2,600.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 800.00	\$ 800.00	\$ 1,265.00	\$ 1,265.00
153	658.5069.03	SIGNAL MOUNTING HARDWARE (LOCATION) 03. 8TH STREET AND 4TH AVENUE W	LS	1	\$ 2,600.00	\$ 2,600.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 1,100.00	\$ 800.00	\$ 800.00	\$ 1,265.00	\$ 1,265.00
154	659.0125	LUMINAIRE UTILITY HPS 250 WATTS	EA	5	\$ 485.00	\$ 2,425.00	\$ 390.00	\$ 1,950.00	\$ 400.00	\$ 2,000.00	\$ 350.00	\$ 1,750.00	\$ 448.50	\$ 2,242.50
155	690.0150	SAWING ASPHALT	LF	6,375	\$ 1.00	\$ 6,375.00	\$ 1.25	\$ 7,968.75	\$ 2.00	\$ 12,750.00	\$ 1.00	\$ 6,375.00	\$ 2.97	\$ 18,933.75
156	690.0250	SAWING CONCRETE	LF	1,025	\$ 1.75	\$ 1,793.75	\$ 1.95	\$ 1,998.75	\$ 3.00	\$ 3,075.00	\$ 1.89	\$ 1,937.25	\$ 3.33	\$ 3,413.25
157	SPV.0060.01	REMOVING SIGN AND SIGN SUPPORT	EA	56	\$ 30.00	\$ 1,680.00	\$ 20.00	\$ 1,120.00	\$ 25.00	\$ 1,400.00	\$ 40.00	\$ 2,240.00	\$ 23.00	\$ 1,288.00
158	SPV.0060.02	REMOVING SIGN	EA	11	\$ 20.00	\$ 220.00	\$ 20.00	\$ 220.00	\$ 25.00	\$ 275.00	\$ 20.00	\$ 220.00	\$ 23.00	\$ 253.00
159	SPV.0060.03	REMOVING LIGHT POLE	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 423.00	\$ 423.00	\$ 650.00	\$ 650.00	\$ 800.00	\$ 800.00	\$ 575.00	\$ 575.00
160	SPV.0060.04	REMOVE & RELOCATE MONUMENT SIGN	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 1,777.02	\$ 3,554.04	\$ 1,100.00	\$ 2,200.00	\$ 2,500.00	\$ 5,000.00	\$ 1,150.00	\$ 2,300.00
161	SPV.0060.05	REMOVING TELEPHONE BOOTH	EA	1	\$ 750.00	\$ 750.00	\$ 451.11	\$ 451.11	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 345.00	\$ 345.00
162	SPV.0060.06	FIRE HYDRANT REMOVAL	EA	4	\$ 650.00	\$ 2,600.00	\$ 322.77	\$ 1,291.08	\$ 2,502.00	\$ 10,008.00	\$ 1,100.00	\$ 4,400.00	\$ 2,502.00	\$ 10,008.00
163	SPV.0060.07	MANHOLES 9-FT DIAMETER	EA	1	\$ 7,000.00	\$ 7,000.00	\$ 11,294.52	\$ 11,294.52	\$ 8,700.00	\$ 8,700.00	\$ 11,810.77	\$ 11,810.77	\$ 8,700.00	\$ 8,700.00
164	SPV.0060.08	INLET SPECIAL	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 3,432.47	\$ 6,864.94	\$ 2,467.00	\$ 4,934.00	\$ 3,040.80	\$ 6,081.60	\$ 2,467.00	\$ 4,934.00
165	SPV.0060.09	4-FT DIA SANITARY MANHOLE	EA	2	\$ 8,500.00	\$ 17,000.00	\$ 5,504.46	\$ 11,008.92	\$ 7,478.00	\$ 14,956.00	\$ 4,700.00	\$ 9,400.00	\$ 7,478.00	\$ 14,956.00
166	SPV.0060.10	SANITARY SEWER CLEANOUT	EA	13	\$ 1,500.00	\$ 19,500.00	\$ 1,867.80	\$ 24,281.40	\$ 5,000.00	\$ 65,000.00	\$ 2,200.00	\$ 28,600.00	\$ 5,750.00	\$ 74,750.00
167	SPV.0060.11	ADJUST WATER VALVES	EA	7	\$ 250.00	\$ 1,750.00	\$ 172.77	\$ 1,209.39	\$ 230.00	\$ 1,610.00	\$ 130.00	\$ 910.00	\$ 173.00	\$ 1,211.00
168	SPV.0060.12	FIRE HYDRANT COMPLETE	EA	4	\$ 5,500.00	\$ 22,000.00	\$ 5,807.29	\$ 23,229.16	\$ 8,782.00	\$ 35,128.00	\$ 5,600.00	\$ 22,400.00	\$ 8,782.00	\$ 35,128.00
169	SPV.0060.13	WATER BENDS, TEES, AND CROSSES	EA	30	\$ 2,000.00	\$ 60,000.00	\$ 566.49	\$ 16,994.70	\$ 713.00	\$ 21,390.00	\$ 600.00	\$ 18,000.00	\$ 705.00	\$ 21,150.00
170	SPV.0060.14	WATER VALVE 10-INCH	EA	12	\$ 3,500.00	\$ 42,000.00	\$ 2,349.57	\$ 28,194.84	\$ 2,465.00	\$ 29,580.00	\$ 2,700.00	\$ 32,400.00	\$ 2,300.00	\$ 27,600.00
171	SPV.0060.15	10 x 6-INCH REDUCER	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 327.53	\$ 982.59	\$ 540.00	\$ 1,620.00	\$ 400.00	\$ 1,200.00	\$ 395.00	\$ 1,185.00
172	SPV.0060.16	CUT AND PLUG EXISTING 6-INCH WATER	EA	4	\$ 450.00	\$ 1,800.00	\$ 906.94	\$ 3,627.76	\$ 3,971.00	\$ 15,884.00	\$ 900.00	\$ 3,600.00	\$ 3,971.00	\$ 15,884.00
173	SPV.0060.17	WATER SERVICE CONNECTION	EA	9	\$ 1,250.00	\$ 11,250.00	\$ 1,085.00	\$ 9,765.00	\$ 1,815.00	\$ 16,335.00	\$ 700.00	\$ 6,300.00	\$ 1,191.00	\$ 10,719.00
174	SPV.0060.18	CONNECT TO EXISTING WATER MAIN	EA	5	\$ 3,500.00	\$ 17,500.00	\$ 4,325.68	\$ 21,628.40	\$ 3,285.00	\$ 16,425.00	\$ 2,100.00	\$ 10,500.00	\$ 1,850.00	\$ 9,250.00
175	SPV.0060.19	LIGHTING CONTROL CABINET	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 5,600.00	\$ 5,600.00	\$ 9,800.00	\$ 9,800.00	\$ 12,000.00	\$ 12,000.00	\$ 6,440.00	\$ 6,440.00
176	SPV.0060.20	LIGHTING UNIT CONCRETE BASES	EA	28	\$ 650.00	\$ 18,200.00	\$ 600.00	\$ 16,800.00	\$ 725.00	\$ 20,300.00	\$ 650.00	\$ 18,200.00	\$ 690.00	\$ 19,320.00
177	SPV.0060.21	LIGHTING UNIT, SINGLE, 57W LED LUMINAIRE	EA	12	\$ 5,900.00	\$ 70,800.00	\$ 6,400.00	\$ 76,800.00	\$ 6,400.00	\$ 76,800.00	\$ 6,650.00	\$ 79,800.00	\$ 7,360.00	\$ 88,320.00
178	SPV.0060.22	LIGHTING UNIT, TWIN, 57W LED LUMINAIRE	EA	9	\$ 8,000.00	\$ 72,000.00	\$ 9,300.00	\$ 83,700.00	\$ 9,300.00	\$ 83,700.00	\$ 9,500.00	\$ 85,500.00	\$ 10,695.00	\$ 96,255.00
179	SPV.0060.23	LIGHTING UNIT, SINGLE, 83W LED LUMINAIRE	EA	7	\$ 6,000.00	\$ 42,000.00	\$ 6,400.00	\$ 44,800.00	\$ 6,500.00	\$ 45,500.00	\$ 6,700.00	\$ 46,900.00	\$ 7,360.00	\$ 51,520.00
180	SPV.0060.24	V-LOC SIGN POST BASE	EA	54	\$ 115.00	\$ 6,210.00	\$ 88.65	\$ 4,787.10	\$ 112.50	\$ 6,075.00	\$ 130.00	\$ 7,020.00	\$ 101.95	\$ 5,505.30
181	SPV.0060.25	SIGN ANCHOR MOUNT	EA	5	\$ 125.00	\$ 625.00	\$ 102.70	\$ 513.50	\$ 130.00	\$ 650.00	\$ 400.00	\$ 2,000.00	\$ 118.11	\$ 590.55
182	SPV.0060.26	TEMPORARY PAVEMENT MARKING ARROWS	EA	25	\$ 60.00	\$ 1,500.00	\$ 60.00	\$ 1,500.00	\$ 60.00	\$ 1,500.00	\$ 60.00	\$ 1,500.00	\$ 69.00	\$ 1,725.00
183	SPV.0060.27	TEMPORARY PAVEMENT MARKING WORDS	EA	9	\$ 75.00	\$ 675.00	\$ 75.00	\$ 675.00	\$ 75.00	\$ 675.00	\$ 75.00	\$ 675.00	\$ 86.25	\$ 776.25
184	SPV.0060.28	LUMINAIRE ARM SPECIAL 12-FT TAPER	EA	1	\$ 500.00	\$ 500.00	\$ 330.00	\$ 330.00	\$ 330.00	\$ 330.00	\$ 315.00	\$ 315.00	\$ 379.50	\$ 379.50
185	SPV.0060.29	EPAC SIGNAL CONTROLLER	EA	1	\$ 4,500.00	\$ 4,500.00	\$ 2,450.00	\$ 2,450.00	\$ 2,450.00	\$ 2,450.00	\$ 4,500.00	\$ 4,500.00	\$ 2,817.50	\$ 2,817.50
186	SPV.0060.30	SIGNAL CONTROL CABINET SIZE P	EA	1	\$ 13,000.00	\$ 13,000.00	\$ 12,000.00	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00	\$ 11,000.00	\$ 11,000.00	\$ 13,800.00	\$ 13,800.00
187	SPV.0060.31	POLES SPECIAL	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 2,150.00	\$ 2,150.00	\$ 2,150.00	\$ 2,150.00	\$ 2,500.00	\$ 2,500.00	\$ 2,472.50	\$ 2,472.50
188	SPV.0060.32	INLET PATCH	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,982.17	\$ 1,982.17	\$ 1,335.00	\$ 1,335.00	\$ 8,500.00	\$ 8,500.00	\$ 1,335.00	\$ 1,335.00
189	SPV.0060.33	TEMPORARY MANHOLE WEDGE	EA	10	\$ 750.00	\$ 7,500.00	\$ 150.00	\$ 1,500.00	\$ 328.00	\$ 3,280.00	\$ 250.00	\$ 2,500.00	\$ 287.50	\$ 2,875.00
190	SPV.0060.34	UTILITY LINE OPENING (ULO)	EA	16	\$ 500.00	\$ 8,000.00	\$ 4,254.29	\$ 68,068						

Item No.	Bid Item No.	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total			
193	SPV.0090.01	REMOVING WATER MAIN	LF	52.5	\$ 50.00	\$ 2,625.00	\$ 22.67	\$ 1,190.18	\$ 50.50	\$ 2,651.25	\$ 36.00	\$ 1,890.00	\$ 50.50	\$ 2,651.25		
194	SPV.0090.02	CIPP LINING 8-INCH	LF	767	\$ 45.00	\$ 34,515.00	\$ 40.25	\$ 30,871.75	\$ 44.35	\$ 34,016.45	\$ 41.05	\$ 31,485.35	\$ 42.55	\$ 32,635.85		
195	SPV.0090.03	CIPP LINING 10-INCH	LF	481	\$ 50.00	\$ 24,050.00	\$ 43.60	\$ 20,971.60	\$ 47.15	\$ 22,679.15	\$ 43.86	\$ 21,096.66	\$ 42.55	\$ 20,466.55		
196	SPV.0090.04	CIPP SERVICE LINING 4-INCH	LF	606	\$ 145.00	\$ 87,870.00	\$ 96.60	\$ 58,539.60	\$ 101.12	\$ 61,278.72	\$ 98.53	\$ 59,709.18	\$ 161.00	\$ 97,566.00		
197	SPV.0090.05	SANITARY SEWER 8-INCH	LF	50	\$ 200.00	\$ 10,000.00	\$ 194.06	\$ 9,703.00	\$ 226.00	\$ 11,300.00	\$ 125.00	\$ 6,250.00	\$ 158.00	\$ 7,900.00		
198	SPV.0090.06	SANITARY SEWER 10-INCH	LF	60	\$ 250.00	\$ 15,000.00	\$ 183.65	\$ 11,019.00	\$ 245.00	\$ 14,700.00	\$ 128.00	\$ 7,680.00	\$ 168.00	\$ 10,080.00		
199	SPV.0090.07A	STORM LINING 35-MM FOR ARCH STEEL 5X9-FOOT --- ALTERNATE #1	LF	118	\$ 750.00	\$ 88,500.00	\$ 1,257.40	\$ 148,373.20	\$ 1,314.58	\$ 155,120.44	\$ 1,293.29	\$ 152,608.22	\$ 1,107.00	\$ 130,626.00		
200	SPV.0090.08	PIPE ARCH CORRUGATED STEEL 103X71-INCH	LF	10	\$ 600.00	\$ 6,000.00	\$ 549.24	\$ 5,492.40	\$ 1,287.00	\$ 12,870.00	\$ 436.52	\$ 4,365.20	\$ 1,287.00	\$ 12,870.00		
201	SPV.0090.09	2-INCH DIA SIGN POST	LF	844	\$ 10.00	\$ 8,440.00	\$ 11.20	\$ 9,452.80	\$ 14.00	\$ 11,816.00	\$ 10.50	\$ 8,862.00	\$ 12.90	\$ 10,887.60		
202	SPV.0090.10	WATER MAIN 6-INCH	LF	11	\$ 95.00	\$ 1,045.00	\$ 66.40	\$ 730.40	\$ 112.00	\$ 1,232.00	\$ 61.00	\$ 671.00	\$ 132.00	\$ 1,452.00		
203	SPV.0090.11	WATER MAIN 10-INCH	LF	2,243	\$ 85.00	\$ 190,655.00	\$ 56.88	\$ 127,581.84	\$ 112.00	\$ 251,216.00	\$ 75.00	\$ 168,225.00	\$ 96.60	\$ 216,673.80		
204	SPV.0090.12	PUSH AND BORE WITH STEEL CASING 18-INCH	LF	165	\$ 375.00	\$ 61,875.00	\$ 709.75	\$ 117,108.75	\$ 607.00	\$ 100,155.00	\$ 520.00	\$ 85,800.00	\$ 607.00	\$ 100,155.00		
205	SPV.0090.13	STEEL CASING 18-INCH	LF	30	\$ 95.00	\$ 2,850.00	\$ 185.37	\$ 5,561.10	\$ 314.00	\$ 9,420.00	\$ 390.00	\$ 11,700.00	\$ 314.00	\$ 9,420.00		
206	SPV.0090.14	WATER SERVICE 2-INCH POLY	LF	287	\$ 110.00	\$ 31,570.00	\$ 81.34	\$ 23,344.58	\$ 160.00	\$ 45,920.00	\$ 54.00	\$ 15,498.00	\$ 113.00	\$ 32,431.00		
207	SPV.0090.15	HDPE DUCT 2-INCH SCHEDULE 80	LF	3,370	\$ 5.00	\$ 16,850.00	\$ 8.00	\$ 26,960.00	\$ 8.00	\$ 26,960.00	\$ 4.50	\$ 15,165.00	\$ 9.20	\$ 31,004.00		
208	SPV.0090.16	HDPE DUCT 2-INCH SCHEDULE 80 DIRECTIONAL BORED	LF	1,080	\$ 17.00	\$ 18,360.00	\$ 16.00	\$ 17,280.00	\$ 18.00	\$ 19,440.00	\$ 18.00	\$ 19,440.00	\$ 18.40	\$ 19,872.00		
209	SPV.0090.17	REMOVE AND REPLACE SPLIT RAIL FENCE	LF	31	\$ 30.00	\$ 930.00	\$ 25.00	\$ 775.00	\$ 45.00	\$ 1,395.00	\$ 45.00	\$ 1,395.00	\$ 17.25	\$ 534.75		
210	SPV.0090.18	TEMPORARY PAVEMENT MARKING 4-INCH	LF	23,790	\$ 0.40	\$ 9,516.00	\$ 0.30	\$ 7,137.00	\$ 0.30	\$ 7,137.00	\$ 0.30	\$ 7,137.00	\$ 0.35	\$ 8,326.50		
211	SPV.0090.19	TEMPORARY PAVEMENT MARKING 8-INCH	LF	850	\$ 1.25	\$ 1,062.50	\$ 0.60	\$ 510.00	\$ 0.60	\$ 510.00	\$ 0.60	\$ 510.00	\$ 0.69	\$ 586.50		
212	SPV.0090.20	TEMPORARY PAVEMENT MARKING STOP LINE 18-INCH	LF	370	\$ 3.50	\$ 1,295.00	\$ 1.00	\$ 370.00	\$ 1.00	\$ 370.00	\$ 1.00	\$ 370.00	\$ 1.15	\$ 425.50		
213	SPV.0105.01	WATER MAIN ABANDONMENT	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 28,227.95	\$ 28,227.95	\$ 31,814.00	\$ 31,814.00	\$ 3,400.00	\$ 3,400.00	\$ 31,814.00	\$ 31,814.00		
214	SPV.0105.02	REINFORCED CONCRETE BOX STRUCTURE 5X10-FOOT	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 109,698.71	\$ 109,698.71	\$ 105,500.00	\$ 105,500.00	\$ 119,150.00	\$ 119,150.00	\$ 94,600.00	\$ 94,600.00		
215	SPV.0105.03	CMP WALL REPAIR	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 5,887.00	\$ 5,887.00	\$ 8,800.00	\$ 8,800.00	\$ 3,328.40	\$ 3,328.40	\$ 3,387.00	\$ 3,387.00		
216	SPV.0105.04	CONCRETE PAVEMENT JOINT LAYOUT	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,100.00	\$ 1,100.00	\$ 500.00	\$ 500.00	\$ 1,150.00	\$ 1,150.00		
217	SPV.0105.05	MODIFY TRAFFIC SIGNAL - 8TH STREET AND 1ST AVENUE	LS	1	\$ 1,750.00	\$ 1,750.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,380.00	\$ 1,380.00		
218	SPV.0105.06	MODIFY TRAFFIC SIGNAL - 8TH STREET AND 3RD AVENUE	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,380.00	\$ 1,380.00		
219	SPV.0105.07	MODIFY TRAFFIC SIGNAL - 8TH STREET AND 7TH AVENUE	LS	1	\$ 4,750.00	\$ 4,750.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,380.00	\$ 1,380.00		
220	SPV.0105.08	INSTALL MICROWAVE DETECTOR SYSTEM - 8TH STREET AND 1ST AVENUE	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 23,000.00	\$ 23,000.00	\$ 29,095.00	\$ 29,095.00		
221	SPV.0105.09	INSTALL MICROWAVE DETECTOR SYSTEM - 8TH STREET AND 3RD AVENUE	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 23,000.00	\$ 23,000.00	\$ 29,095.00	\$ 29,095.00		
222	SPV.0105.10	INSTALL MICROWAVE DETECTOR SYSTEM - 8TH STREET AND 4TH AVENUE W	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 25,300.00	\$ 23,000.00	\$ 23,000.00	\$ 29,095.00	\$ 29,095.00		
223	SPV.0105.11	INSTALL RADIO INTERCONNECT SYSTEM - 8TH STREET AND 1ST AVENUE	LS	1	\$ 6,100.00	\$ 6,100.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,750.00	\$ 5,750.00		
224	SPV.0105.12	INSTALL RADIO INTERCONNECT SYSTEM - 8TH STREET AND 3RD AVENUE	LS	1	\$ 6,100.00	\$ 6,100.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,750.00	\$ 5,750.00		
225	SPV.0105.13	INSTALL RADIO INTERCONNECT SYSTEM - 8TH STREET AND 4TH AVENUE W	LS	1	\$ 6,100.00	\$ 6,100.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,750.00	\$ 5,750.00		
226	SPV.0105.14	INSTALL EMERGENCY VEHICLE PREEMPTION SYSTEM - 8TH STREET AND 4TH AVENUE W	LS	1	\$ 10,900.00	\$ 10,900.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00	\$ 9,200.00	\$ 9,200.00		
227	SPV.0105.15	REMOVING EXISTING TRAFFIC SIGNAL EQUIPMENT - 8TH STREET AND 4TH AVENUE W	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 4,025.00	\$ 4,025.00		
228	SPV.0165.01	CONCRETE SIDEWALK 4-INCH COLORED STAMPED	SF	6,321	\$ 11.00	\$ 69,531.00	\$ 7.50	\$ 47,407.50	\$ 5.95	\$ 37,609.95	\$ 5.70	\$ 36,029.70	\$ 8.63	\$ 54,550.23		
229	SPV.0165.02	WALL MODULAR BLOCK GRAVITY	SF	140	\$ 30.00	\$ 4,200.00	\$ 36.70	\$ 5,138.00	\$ 35.00	\$ 4,900.00	\$ 35.00	\$ 4,900.00	\$ 42.21	\$ 5,909.40		
230	SPV.0180.01	LANDSCAPE FABRIC	SY	208	\$ 10.00	\$ 2,080.00	\$ 3.45	\$ 717.60	\$ 3.00	\$ 624.00	\$ 3.00	\$ 624.00	\$ 3.97	\$ 825.76		
231	SPV.0180.02	LANDSCAPE STONE	SY	208	\$ 20.00	\$ 4,160.00	\$ 19.80	\$ 4,118.40	\$ 10.00	\$ 2,080.00	\$ 10.00	\$ 2,080.00	\$ 22.20	\$ 4,617.60		
232	SPV.0200.01A	CIPP MANHOLE LINING --- ALTERNATE #1	VF	13.4	\$ 750.00	\$ 10,050.00	\$ 1,194.00	\$ 15,999.60	\$ 1,212.00	\$ 16,240.80	\$ 1,217.88	\$ 16,319.59	\$ 1,373.10	\$ 18,399.54		
					AEE Total	\$ 4,542,028.15			As Read:	\$ 4,233,682.21	As Read:	\$ 4,738,892.50	As Read:	\$ 3,753,922.52	As Read:	\$ 4,884,317.41
					Total Bid:	\$ 4,542,028.15			As Calculated:	\$ 4,233,682.21	As Calculated:	\$ 4,738,892.50	As Calculated:	\$ 3,753,922.52	As Calculated:	\$ 4,884,317.41

ALTERNATES

1	SPV.0200.01B	MANHOLE INTERIOR REHABILITATION --- ALTERNATE #2	VF	13.4		\$ 1,250.00	\$ 16,750.00	\$ 327.00	\$ 4,381.80	\$ 305.00	\$ 4,087.00	\$ 339.25	\$ 4,545.95
2	SPV.0090.07B	GEOPOLYMER LINING FOR ARCH STEEL 5x9-FOOT --- ALTERNATE #2	LF	118		\$ 1,007.50	\$ 118,885.00	\$ 1,039.47	\$ 122,657.46	\$ 1,018.45	\$ 120,177.10	\$ 1,334.00	\$ 157,412.00

I certify that the above tabulation is true and correct.



Jesse W. Duff, Project Engineer

