

**Memorandum
Public Works Department**



To: City Manager
Subject: 11th Street & Blackhawk Road Intersection Improvements, Projects 2769
Date: March 30, 2015
Number: 2015-069

The Engineering Division opened bids for the above referenced project on Friday, March 13, 2015. This project is reconfigure the Intersection of Blackhawk Road and 11th Street to allow direct access into the new Blackhawk Commons Development. The angled western approach onto 9th Street will be eliminated and replaced by a 90° entrance into Blackhawk Commons. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on February 17 and 18, 2015 and was also posted on the City website. The following contractors were contacted:

Valley Construction	Langman Construction
Brandt Construction	Laud Construction

The low bid is from Valley Construction Company in the amount of \$879,443.97, which is lower than the engineer's estimate of \$1,025,294.55.

Recommendation

It is recommended that the City Council award the bid to Valley Construction Company in the amount of \$879,443.97.

Vendor: Valley Construction Company

Contract Amount: \$879,443.97

Account Chargeable:

Fund:	301	Capital Improvements
Department:	616	Municipal Services
Cost Center:	311	Street Construction
Object Code:	53806	Infrastructure Maintenance
Project:	2769	Street Repair Program

Requisition: R005426

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager



Tabulation of Bids

Local Public Agency: City of Rock Island Date: March 13, 2015
 County: Rock Island Time: 2:00 PM
 Project: 11th Street Imp. (11th St. @ 46th Ave.) Job. #2728 South
 Estimate: 1,025,294.55

Name of Bidder:	<u>Valley Construction Co.</u>	<u>Brandt Construction Co.</u>	<u>Langman Construction Inc.</u>
Address of Bidder:	<u>3610-78th Avenue West</u>	<u>700 4th St. W.</u>	<u>220-34th Avenue</u>
	<u>Rock Island, IL 61201</u>	<u>Milan, IL 61264</u>	<u>Rock Island, IL 61201</u>

Proposed Guarantee:	<u>Bid Bond</u>	<u>Bid Bond</u>	<u>Bid Bond</u>
Terms:			
Approved Engineer's Estimate			

Item No.	Item	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20200100	EARTH EXCAVATION	CU YD	2176	30.0000	\$ 65,280.00	12.00000	\$ 26,112.00	20.0000	\$ 43,520.00	30.0000	\$ 65,280.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4486.5	4.0000	\$ 17,946.40	1.18000	\$ 5,294.18	1.0000	\$ 4,486.60	2.0000	\$ 8,973.20
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1791.5	10.0000	\$ 17,915.00	6.30000	\$ 11,286.45	6.0000	\$ 10,749.00	3.0000	\$ 5,374.50
25000200	SEEDING, CLASS 2	ACRE	0.2	1600.0000	\$ 300.00	6,100.00000	\$ 1,220.00	6,750.00000	\$ 1,350.00	5,000.00000	\$ 1,000.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28.6	20.0000	\$ 572.00	10.50000	\$ 300.30	11.0000	\$ 314.60	1.2000	\$ 34.32
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	28.6	20.0000	\$ 572.00	10.50000	\$ 300.30	11.0000	\$ 314.60	1.2000	\$ 34.32
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28.6	20.0000	\$ 572.00	10.50000	\$ 300.30	11.0000	\$ 314.60	1.2300	\$ 35.17
25200110	SODDING	SQ YD	760.4	10.0000	\$ 7,604.00	6.75000	\$ 5,132.70	6.7500	\$ 5,132.70	7.0000	\$ 5,322.80
25200200	SUPPLEMENTAL WATERING	UNIT	75.2	10.0000	\$ 752.00	95.00000	\$ 7,144.00	115.0000	\$ 8,648.00	75.0000	\$ 5,640.00
28000400	PERIMETER EROSION BARRIER	FOOT	736	4.0000	\$ 2,944.00	2.00000	\$ 1,472.00	2.2500	\$ 1,656.00	2.2500	\$ 1,656.00
28000500	INLET AND PIPE PROTECTION	EACH	14	100.0000	\$ 1,400.00	101.00000	\$ 1,414.00	115.0000	\$ 1,610.00	120.0000	\$ 1,680.00
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	500	2.5000	\$ 1,250.00	2.21000	\$ 1,105.00	2.2500	\$ 1,125.00	2.0000	\$ 1,000.00
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4486.6	12.0000	\$ 53,839.20	8.00000	\$ 35,892.80	12.5000	\$ 56,082.50	15.6000	\$ 69,990.96
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	364.7	85.0000	\$ 30,999.50	54.00000	\$ 19,693.80	70.0000	\$ 25,529.00	92.0000	\$ 33,552.40
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	5.7	9.0000	\$ 51.30	28.00000	\$ 159.60	39.0000	\$ 222.30	18.0000	\$ 102.60
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	350	38.0000	\$ 13,300.00	22.00000	\$ 7,700.00	15.0000	\$ 5,250.00	20.0000	\$ 7,000.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	TON	131	95.0000	\$ 12,445.00	177.00000	\$ 23,187.00	215.0000	\$ 28,165.00	200.0000	\$ 26,200.00
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GAL	60	2.7500	\$ 165.00	9.20000	\$ 552.00	34.0000	\$ 2,040.00	10.0000	\$ 600.00
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	1823.7	50.0000	\$ 91,185.00	49.50000	\$ 90,273.15	81.0000	\$ 147,719.70	92.0000	\$ 167,780.40
42001300	PROTECTIVE COAT	SQ YD	3330	2.0000	\$ 6,660.00	0.05000	\$ 166.50	0.1000	\$ 333.00	0.0100	\$ 33.30
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	684	50.0000	\$ 34,200.00	58.00000	\$ 39,672.00	63.0000	\$ 43,092.00	80.0000	\$ 54,720.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	7483.1	5.5000	\$ 41,157.05	6.50000	\$ 48,640.15	7.0000	\$ 52,381.70	8.0000	\$ 59,864.80
42400800	DETECTABLE WARNINGS	SQ FT	208.7	35.0000	\$ 7,304.50	27.75000	\$ 5,791.43	23.0000	\$ 800.10	30.0000	\$ 6,261.00
44000100	PAVEMENT REMOVAL	SQ YD	1820	12.0000	\$ 21,840.00	10.50000	\$ 19,110.00	16.0000	\$ 29,120.00	20.0000	\$ 36,400.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	280.5	12.0000	\$ 3,366.00	14.25000	\$ 3,997.13	17.5000	\$ 4,908.75	20.0000	\$ 5,610.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1602.1	8.0000	\$ 12,816.80	3.20000	\$ 5,126.72	14.0000	\$ 22,429.40	15.0000	\$ 24,031.50
44000600	SIDEWALK REMOVAL	SQ FT	7420.2	1.2500	\$ 9,275.25	1.10000	\$ 8,162.22	1.2500	\$ 9,275.25	2.0000	\$ 14,840.40
50300225	CONCRETE STRUCTURES	CU YD	1.85	1400.0000	\$ 2,590.00	1,225.00000	\$ 2,266.25	1,550.00000	\$ 2,867.50	1,000.00000	\$ 1,850.00
50800105	REINFORCEMENT BARS	POUND	48	3.0000	\$ 144.00	2.00000	\$ 96.00	7.5000	\$ 360.00	5.0000	\$ 240.00
50901760	PIPE HANDRAIL	FOOT	14	50.0000	\$ 700.00	110.00000	\$ 1,540.00	195.0000	\$ 2,730.00	150.0000	\$ 2,100.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	450.0000	\$ 450.00	950.00000	\$ 950.00	1,650.00000	\$ 1,650.00	500.00000	\$ 500.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	142	40.0000	\$ 5,680.00	62.00000	\$ 8,804.00	85.0000	\$ 12,070.00	95.0000	\$ 13,490.00
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	153	60.0000	\$ 9,180.00	62.00000	\$ 9,486.00	85.0000	\$ 13,005.00	100.0000	\$ 15,300.00
55100500	STORM SEWER REMOVAL 12"	FOOT	22	40.0000	\$ 880.00	26.00000	\$ 572.00	88.0000	\$ 1,936.00	10.0000	\$ 220.00
56100600	WATER MAIN 6"	FOOT	8	70.0000	\$ 560.00	110.00000	\$ 880.00	245.00000	\$ 1,960.00	100.0000	\$ 800.00
56109210	WATER VALVES TO BE ADJUSTED	EACH	4	200.0000	\$ 800.00	275.00000	\$ 1,100.00	355.00000	\$ 1,420.00	100.0000	\$ 400.00
56109432	DUCTILE IRON WATER MAIN FITTINGS 6" 90.00 DEGREE BEND	EACH	1	1750.0000	\$ 1,750.00	475.00000	\$ 475.00	600.0000	\$ 600.00	250.0000	\$ 250.00
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1000.0000	\$ 1,000.00	1,250.00000	\$ 1,250.00	3,250.00000	\$ 3,250.00	3,000.00000	\$ 3,000.00
60107600	PIPE UNDERDRAIN 4"	FOOT	1903.1	10.0000	\$ 19,031.00	10.00000	\$ 19,031.00	16.0000	\$ 30,449.60	15.0000	\$ 28,546.50
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2	1500.0000	\$ 3,000.00	1,725.00000	\$ 3,450.00	2,500.00000	\$ 5,000.00	3,000.00000	\$ 6,000.00
60255500	MANHOLES TO BE ADJUSTED	EACH	2	425.0000	\$ 850.00	225.00000	\$ 450.00	685.00000	\$ 1,370.00	650.00000	\$ 1,300.00
60500060	REMOVING INLETS	EACH	2	1250.0000	\$ 2,500.00	250.00000	\$ 500.00	600.00000	\$ 1,200.00	1,000.00000	\$ 2,000.00
60600605	CONCRETE CURB, TYPE B	FOOT	490	20.0000	\$ 9,800.00	38.00000	\$ 18,620.00	8.0000	\$ 3,920.00	15.0000	\$ 7,350.00
60603800	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	FOOT	61.1	22.0000	\$ 1,344.20	34.00000	\$ 2,077.40	46.0000	\$ 2,816.60	45.0000	\$ 2,749.50



Tabulation of Bids

Local Public Agency: City of Rock Island Date: March 13, 2015
 County: Rock Island Time: 2:00 PM
 Project: 11th Street Imp. (11th St. @ 46th Ave.) Job. #2728 South
 Estimate: 1,025,294.55

Name of Bidder:	<u>Valley Construction Co.</u>	<u>Brandt Construction Co.</u>	<u>Langman Construction Inc.</u>
Address of Bidder:	<u>3610-78th Avenue West</u>	<u>700 4th St. W.</u>	<u>220-34th Avenue</u>
	<u>Rock Island, IL 61201</u>	<u>Milan, IL 61264</u>	<u>Rock Island, IL 61201</u>

Attended By: <u>City of Rock Island, Jeff McKay, Missman</u>	Proposal Guarantee: <u>Bid Bond</u>	<u>Bid Bond</u>	<u>Bid Bond</u>
	Terms:		
	Approved Engineer's Estimate		

Item No.	Item	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
60604300	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	25	25.0000	\$ 625.00	28.00000	\$ 700.00	56.0000	\$ 1,400.00	45.0000	\$ 1,125.00
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1566.7	25.0000	\$ 39,167.50	32.00000	\$ 50,134.40	35.0000	\$ 54,834.50	45.0000	\$ 70,501.50
60618300	CONCRETE MEDIAN SURFACE, 4"	SQ FT	210	20.0000	\$ 4,200.00	6.25000	\$ 1,312.50	7.0000	\$ 1,470.00	8.0000	\$ 1,680.00
66400105	CHAIN LINK FENCE, 4'	FOOT	51	19.0000	\$ 969.00	65.00000	\$ 3,315.00	28.0000	\$ 1,428.00	20.0000	\$ 1,020.00
67100100	MOBILIZATION	L SUM	1	52000.0000	\$ 52,000.00	60,678.74000	\$ 60,678.74	70,000.0000	\$ 70,000.00	68,440.0000	\$ 68,440.00
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	17000.0000	\$ 17,000.00	21,000.00000	\$ 21,000.00	20,000.0000	\$ 20,000.00	13,200.0000	\$ 13,200.00
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	17000.0000	\$ 17,000.00	100.00000	\$ 100.00	120.0000	\$ 120.00	100.0000	\$ 100.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	6000.0000	\$ 6,000.00	200.00000	\$ 200.00	225.0000	\$ 225.00	200.0000	\$ 200.00
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	164.5	15.0000	\$ 2,467.50	4.50000	\$ 740.25	4.5000	\$ 740.25	4.0000	\$ 658.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1827	2.5000	\$ 4,567.50	0.60000	\$ 1,096.20	0.6000	\$ 1,096.20	0.5000	\$ 913.50
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	118	7.5000	\$ 885.00	0.90000	\$ 106.20	0.8500	\$ 100.30	0.7500	\$ 88.50
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	774.5	12.0000	\$ 9,294.00	2.50000	\$ 1,936.25	2.5500	\$ 1,974.98	2.2500	\$ 1,742.63
72000100	SIGN PANEL - TYPE 1	SQ FT	16.8	40.0000	\$ 672.00	61.00000	\$ 1,024.80	18.0000	\$ 302.40	16.0000	\$ 268.80
72000200	SIGN PANEL - TYPE 2	SQ FT	48	25.0000	\$ 1,200.00	39.50000	\$ 1,896.00	40.0000	\$ 1,920.00	15.0000	\$ 720.00
72900200	METAL POST-TYPE B	FOOT	26	15.0000	\$ 390.00	16.25000	\$ 422.50	235.0000	\$ 6,110.00	8.0000	\$ 208.00
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	255.9	5.0000	\$ 1,279.50	4.25000	\$ 1,087.58	4.5000	\$ 1,151.55	3.9500	\$ 1,010.81
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3531.5	1.7500	\$ 6,180.13	1.70000	\$ 6,003.55	1.9000	\$ 6,709.85	1.6500	\$ 5,826.97
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1230.8	2.2500	\$ 2,769.30	2.05000	\$ 2,523.14	2.2500	\$ 2,769.30	1.9500	\$ 2,400.06
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1064.2	2.5000	\$ 2,660.50	2.55000	\$ 2,713.71	2.8000	\$ 2,979.76	2.4500	\$ 2,607.29
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	664.6	3.5000	\$ 2,326.10	4.10000	\$ 2,724.86	4.5000	\$ 2,990.70	3.9500	\$ 2,625.17
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	193	5.0000	\$ 965.00	6.00000	\$ 1,158.00	6.5000	\$ 1,254.50	5.5000	\$ 1,061.50
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	106	40.0000	\$ 4,240.00	59.00000	\$ 6,254.00	62.0000	\$ 6,572.00	55.0000	\$ 5,830.00
78300100	PAVEMENT MARKING REMOVAL	SQ FT	10593.1	3.2500	\$ 34,427.58	1.55000	\$ 16,419.31	1.7000	\$ 18,008.27	1.5000	\$ 15,889.65
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	58	8.0000	\$ 464.00	15.00000	\$ 870.00	18.0000	\$ 1,044.00	10.0000	\$ 580.00
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	622	8.0000	\$ 4,976.00	6.22000	\$ 3,868.84	6.5000	\$ 4,043.00	5.6800	\$ 3,532.96
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	149	11.0000	\$ 1,639.00	5.55000	\$ 826.95	6.0000	\$ 894.00	5.0600	\$ 753.94
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA. (TRENCHED)	FOOT	92	14.0000	\$ 1,288.00	27.50000	\$ 2,530.00	30.0000	\$ 2,760.00	26.6700	\$ 2,453.64
81028395	UNDERGROUND CONDUIT, PVC, 4" DIA. (PUSHED)	FOOT	197	30.0000	\$ 5,910.00	19.25000	\$ 3,792.25	21.0000	\$ 4,137.00	18.5700	\$ 3,658.29
81400100	HANDHOLE	EACH	4	1500.0000	\$ 6,000.00	1,550.00000	\$ 6,200.00	1,600.0000	\$ 6,400.00	1,413.8100	\$ 5,655.24
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1	625.0000	\$ 625.00	850.00000	\$ 850.00	850.0000	\$ 850.00	753.8100	\$ 753.81
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1700	1.0000	\$ 1,700.00	0.65000	\$ 1,105.00	0.7500	\$ 1,275.00	0.6400	\$ 1,088.00
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3590	2.0000	\$ 7,180.00	1.45000	\$ 5,205.50	1.6500	\$ 5,923.50	1.4400	\$ 5,169.60
81702455	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3C NO. 16	FOOT	2425	1.5000	\$ 3,637.50	1.60000	\$ 3,880.00	1.8000	\$ 4,365.00	1.5900	\$ 3,855.75
82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4	550.0000	\$ 2,200.00	550.00000	\$ 2,200.00	580.0000	\$ 2,320.00	516.5800	\$ 2,066.32
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE IV, 8 PHASES, IN TYPE V CABINET	FOOT	18	175.0000	\$ 3,150.00	115.00000	\$ 2,070.00	115.0000	\$ 2,070.00	101.9800	\$ 1,835.64
85704805	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 3 C	EACH	1	15000.0000	\$ 15,000.00	16,800.00000	\$ 16,800.00	19,446.0100	\$ 19,446.01	16,294.0000	\$ 16,294.00
87300815	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 3 C	FOOT	20	10.0000	\$ 200.00	5.75000	\$ 115.00	6.5000	\$ 130.00	5.6100	\$ 112.20
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1020	1.0000	\$ 1,020.00	0.99000	\$ 1,009.80	1.1000	\$ 1,122.00	0.9200	\$ 938.40
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	FOOT	1020	1.2500	\$ 1,275.00	0.99000	\$ 1,009.80	1.1000	\$ 1,122.00	0.9200	\$ 938.40
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3610	1.7500	\$ 6,317.50	1.18000	\$ 4,259.80	1.3000	\$ 4,693.00	1.1300	\$ 4,079.30
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3535	2.0000	\$ 7,070.00	1.27000	\$ 4,489.45	1.5000	\$ 5,302.50	1.2500	\$ 4,418.75
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	1000.0000	\$ 1,000.00	860.00000	\$ 860.00	900.0000	\$ 900.00	805.5700	\$ 805.57
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	4	1200.0000	\$ 4,800.00	945.00000	\$ 3,780.00	1,000.0000	\$ 4,000.00	906.3700	\$ 3,625.48
87700160	STEEL MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1	6500.0000	\$ 6,500.00	3,850.00000	\$ 3,850.00	4,000.0000	\$ 4,000.00	3,580.0800	\$ 3,580.08



Tabulation of Bids

Local Public Agency: City of Rock Island Date: March 13, 2015
 County: Rock Island Time: 2:00 PM
 Project: 11th Street Imp. (11th St. @ 46th Ave.) Job. #2728 South
 Estimate: 1,025,294.55

Name of Bidder:	Valley Construction Co.	Brandt Construction Co.	Langman Construction Inc.
	Address of Bidder: 3610-78th Avenue West Rock Island, IL 61201	700 4th St. W. Milan, IL 61264	220-34th Avenue Rock Island, IL 61201

Attended By: <u>City of Rock Island, Jeff McKay, Missman</u>	Proposal Guarantee:	Bid Bond	Bid Bond	Bid Bond
	Terms:			
Approved Engineer's Estimate				

Item No.	Item	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	2	9200.0000	\$ 18,400.00	3,000.0000	\$ 6,000.00	5,000.0000	\$ 10,000.00	2,810.4400	\$ 5,620.88
87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1	9500.0000	\$ 9,500.00	7,250.0000	\$ 7,250.00	10,000.0000	\$ 10,000.00	6,856.6800	\$ 6,856.68
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1	11000.0000	\$ 11,000.00	9,900.0000	\$ 9,900.00	15,000.0000	\$ 15,000.00	9,244.6200	\$ 9,244.62
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15	200.0000	\$ 3,000.00	185.0000	\$ 2,775.00	182.0000	\$ 2,730.00	162.0300	\$ 2,430.45
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10	150.0000	\$ 1,500.00	185.0000	\$ 1,850.00	192.0000	\$ 1,920.00	171.1200	\$ 1,711.20
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	35	250.0000	\$ 8,750.00	200.0000	\$ 7,000.00	217.0000	\$ 7,595.00	193.6800	\$ 6,778.80
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21	375.0000	\$ 7,875.00	420.0000	\$ 8,820.00	435.0000	\$ 9,135.00	387.9000	\$ 8,145.90
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	700.0000	\$ 2,800.00	640.0000	\$ 2,560.00	675.0000	\$ 2,700.00	602.6500	\$ 2,410.60
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6	700.0000	\$ 4,200.00	740.0000	\$ 4,440.00	775.0000	\$ 4,650.00	685.6500	\$ 4,113.90
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	1300.0000	\$ 6,500.00	945.0000	\$ 4,725.00	975.0000	\$ 4,875.00	861.2900	\$ 4,306.45
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	1500.0000	\$ 7,500.00	1,100.0000	\$ 5,500.00	1,225.0000	\$ 6,125.00	1,089.9400	\$ 5,449.70
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4	700.0000	\$ 2,800.00	850.0000	\$ 3,400.00	900.0000	\$ 3,600.00	808.7900	\$ 3,235.16
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	17500.0000	\$ 17,500.00	12,500.0000	\$ 12,500.00	20,000.0000	\$ 20,000.00	12,401.5000	\$ 12,401.50
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3380	1.0000	\$ 3,380.00	0.42000	\$ 1,419.60	0.5000	\$ 1,690.00	0.4000	\$ 1,352.00
89502380	REMOVE EXISTING HANDHOLE	EACH	4	350.0000	\$ 1,400.00	170.0000	\$ 680.00	175.0000	\$ 700.00	155.0200	\$ 620.08
89502395	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	1000.0000	\$ 9,000.00	500.0000	\$ 4,500.00	550.0000	\$ 4,950.00	200.0000	\$ 1,800.00
X0328451	VIDEO SYSTEM DETECTION CAMERA	EACH	4	2500.0000	\$ 10,000.00	3,000.0000	\$ 12,000.00	3,200.0000	\$ 12,800.00	2,845.2700	\$ 11,381.08
X0328452	VIDEO SYSTEM DETECTION PROCESSOR	EACH	1	5000.0000	\$ 5,000.00	13,800.0000	\$ 13,800.00	14,600.0000	\$ 14,600.00	13,030.5000	\$ 13,030.50
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	157.5	3.5000	\$ 551.25	39.25000	\$ 6,181.88	41.9900	\$ 6,613.43	15.0000	\$ 2,362.50
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	960	2.0000	\$ 1,920.00	2.15000	\$ 2,064.00	2.0000	\$ 1,920.00	2.0000	\$ 1,920.00
X6020084	MANHOLE, SPECIAL	EACH	1	4000.0000	\$ 4,000.00	2,850.0000	\$ 2,850.00	3,250.0000	\$ 3,250.00	4,500.0000	\$ 4,500.00
X8022402	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED	EACH	3	3000.0000	\$ 9,000.00	2,575.0000	\$ 7,725.00	3,100.0000	\$ 9,300.00	4,000.0000	\$ 12,000.00
X6024210	DOUBLE INLETS SPECIAL	EACH	1	4500.0000	\$ 4,500.00	3,150.0000	\$ 3,150.00	3,675.0000	\$ 3,675.00	6,000.0000	\$ 6,000.00
X6024240	INLETS, SPECIAL	EACH	6	2500.0000	\$ 15,000.00	1,900.0000	\$ 11,400.00	2,200.0000	\$ 13,200.00	4,000.0000	\$ 24,000.00
X6065701	CONCRETE MEDIAN, TYPE SM-4.05	SQ FT	75	50.0000	\$ 3,750.00	10.00000	\$ 750.00	43.0000	\$ 3,225.00	12.0000	\$ 900.00
X8040510	RELOCATE ELECTRIC SERVICE	EACH	1	4000.0000	\$ 4,000.00	1,500.0000	\$ 1,500.00	1,500.0000	\$ 1,500.00	1,377.1300	\$ 1,377.13
X8440110	RELOCATE EXISTING LIGHT POLE WITH LUMINAIRE	EACH	3	1000.0000	\$ 3,000.00	375.0000	\$ 1,125.00	380.0000	\$ 1,140.00	338.0200	\$ 1,014.06
X8730570	ELECTRIC CABLE IN CONDUIT, COAXIAL VIDEO, 8281	FOOT	2425	2.5000	\$ 6,062.50	0.27000	\$ 654.75	0.3000	\$ 727.50	0.2600	\$ 630.50
X8780200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4	858.0000	\$ 3,432.00	965.0000	\$ 3,860.00	1,000.0000	\$ 4,000.00	889.2300	\$ 3,556.92
X8820010	TRAFFIC SIGNAL BACKPLATE, SPECIAL	EACH	20	200.0000	\$ 4,000.00	126.0000	\$ 2,520.00	130.0000	\$ 2,600.00	116.1900	\$ 2,323.80
X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1	1000.0000	\$ 1,000.00	600.0000	\$ 600.00	575.0000	\$ 575.00	515.0800	\$ 515.08
XXXX0001	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L SUM	1	5500.0000	\$ 5,500.00	2,300.0000	\$ 2,300.00	2,550.0000	\$ 2,550.00	2,270.3000	\$ 2,270.30
XXXX0002	REPLACE WOOD FENCE	FOOT	35	25.0000	\$ 875.00	75.0000	\$ 2,625.00	30.5000	\$ 1,067.50	25.0000	\$ 875.00
Z0064560	SEGMENTAL BLOCK RETAINING WALL	SQ FT	554	35.0000	\$ 19,390.00	49.0000	\$ 27,146.00	51.5000	\$ 28,531.00	40.0000	\$ 22,160.00
Total Bid:				As Read:	879,444.00	1,095,087.05	1,140,720.80	As Calculated:	879,443.97	1,095,067.49	1,140,721.20