



City of Wheaton  
303 W. Wesley Street  
Wheaton, IL 60187-0727  
630-260-2000

City of Wheaton, Illinois

www.wheaton.il.us

**TO:** Don Rose City Manager  
**FROM:** Joan M. Schouten, MBA CPIM CPPB Procurement Officer  
**DATE:** March 16, 2016  
**RE:** Recommendation to Award

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### 2016 Road, Sewer and Water Rehabilitation Program

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**Solicitation Process:** Competitive bid through IDOT  
**Recommended Contractor:** Plote Construction, Inc

<b>Fund: MFT</b>	<b>Account#: 20085010-70200</b>	<b>Account Description:</b> Roadway Improvements	<b>Fiscal Year: 16-17</b>	<b>\$2,500,000</b>
<b>Fund: Water</b>	<b>Account#: 50085000-70500</b>	<b>Account Description:</b> Water Improvements	<b>Fiscal Year: 16-17</b>	<b>\$ 510,000</b>
<b>Fund: Sanitary</b>	<b>Account#: 51085000-70700</b>	<b>Account Description:</b> Sanitary Improvements	<b>Fiscal Year: 16-17</b>	<b>\$ 35,000</b>
<b>Fund: Storm</b>	<b>Account#: 51585000-70600</b>	<b>Account Description:</b> Storm Improvements	<b>Fiscal Year: 16-17</b>	<b>\$ <u>185,000</u></b>
				<b>\$3,230,000</b>

**Budget:** \$3,230,000  
**Request for Purchase:** \$3,198,918  
**Budget Impact:** (\$ 31,082) under budget

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**Background:** The city's decision to purchase the above contractor services is based on the following:

- The City has an annual program to improve the infrastructure of the Roads, Sewers and Water systems.
- Public solicitations resulted in two (2) bidders
  - Both bids were compliant
  - The lowest responsive, responsible bidder is Plote Construction
- Plote Construction's references were satisfactory.
- Bid range: \$3,198,918 - \$3,444,452 = \$245,534 (or 8%)

**Attachments:** Bid tab  
Memo from Director of Engineering

2016 Road, Sewer & Water Rehabilitation Program  
Section # 16-00114-00-FP

Bid Tabulations - BID

No.	Line Item Description	ENGINEERS ESTIMATE			Piate Construction Inc.			R. W. Dumtman		
		Unit	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	
1	Dust Control Watering	UT	325.0	\$ 20.00	\$6,500.00	\$40.00	\$13,000.00	\$10.00	\$3,279.25	
2	One Year Guarantee (Non-MFT)	LS	1.0	\$ 500.00	\$500.00	\$1.00	\$15.00	\$2,500.00	\$2,500.00	
3	Supplemental Watering	UT	150.0	\$ 10.00	\$1,500.00	\$0.10	\$15.00	\$0.10	\$15.00	
4	Trench Backfill	CY	1,640.0	\$ 45.00	\$73,800.00	\$59.95	\$98,318.00	\$59.95	\$98,318.00	
5	Topsoil Furnish and Place	CY	1,738.5	\$ 25.00	\$44,962.50	\$45.35	\$81,561.98	\$0.01	\$17.99	
6	Exploratory Excavation	EA	8.0	\$ 200.00	\$1,600.00	\$50.00	\$400.00	\$500.00	\$4,000.00	
7	Tree Root Pruning	EA	19.0	\$ 200.00	\$3,800.00	\$200.00	\$3,800.00	\$200.00	\$3,800.00	
8	Seeding, Class 1	SY	3,806.0	\$ 1.35	\$5,138.10	\$0.92	\$3,501.52	\$0.01	\$38.06	
9	Seeding Behind Curb	LF	7,747.0	\$ 1.75	\$13,557.25	\$1.65	\$12,782.55	\$0.01	\$77.47	
10	Erosion Control Blanket	SY	11,943.0	\$ 1.50	\$17,914.50	\$2.05	\$24,483.15	\$0.01	\$119.43	
11	Sodding	SY	11,943.0	\$ 5.00	\$59,715.00	\$7.15	\$85,392.45	\$0.01	\$119.43	
12	Inlet Filters	EA	179.0	\$ 150.00	\$26,850.00	\$100.00	\$17,900.00	\$0.01	\$1.79	
13	Perimeter Erosion Barrier	LF	50.0	\$ 10.00	\$500.00	\$20.00	\$1,000.00	\$10.00	\$500.00	
14	PCC Base Course Widening, 7"	SY	1,708.0	\$ 30.00	\$51,240.00	\$33.50	\$57,218.00	\$33.50	\$57,218.00	
15	Hot-Mix Asphalt - Driveway Pavement, 2"	SY	1,715.0	\$ 27.00	\$46,305.00	\$29.00	\$49,735.00	\$51.31	\$87,996.65	
16	Aggregate for Temporary Access	TN	150.0	\$ 20.00	\$3,000.00	\$1.00	\$150.00	\$25.01	\$3,751.50	
17	Bituminous Materials (Prime Coat)	GA	17,545.0	\$ 0.01	\$175.45	\$0.01	\$175.45	\$0.01	\$175.45	
18	Aggregate Prime	TN	80.8	\$ 0.01	\$0.91	\$0.01	\$0.91	\$10.00	\$908.00	
19	Hot-Mix Asphalt Surface Course, Mix "D", N50	TN	7,420.0	\$ 75.00	\$556,500.00	\$69.00	\$511,980.00	\$77.96	\$578,463.20	
20	Leveling Binder (Machine Method) N50	TN	7,140.0	\$ 75.00	\$535,500.00	\$67.00	\$478,380.00	\$79.05	\$564,417.00	
21	Hot-Mix Asphalt Binder Course, IL-19.0, N50	TN	1,000.0	\$ 70.00	\$70,000.00	\$61.00	\$61,000.00	\$78.95	\$78,950.00	
22	PCC Driveway Pavement, 5"	SY	2,985.0	\$ 32.00	\$95,520.00	\$35.75	\$106,713.75	\$38.98	\$116,355.30	
23	PCC Sidewalk, 4"	SF	9,705.0	\$ 3.75	\$36,393.75	\$4.15	\$40,275.75	\$4.00	\$38,820.00	
24	Detachable Warnings	EA	79.0	\$ 170.00	\$13,430.00	\$190.00	\$15,010.00	\$190.00	\$15,010.00	
25	Combination Curb & Gutter Removal	LF	15,780.0	\$ 4.75	\$75,002.50	\$4.75	\$75,002.50	\$4.50	\$71,055.00	
26	Hot-Mix Asphalt Surface Removal, Variable Depth	SY	83,804.0	\$ 3.00	\$251,412.00	\$3.75	\$314,285.00	\$3.89	\$325,987.56	
27	Sidewalk Removal	SF	9,705.0	\$ 0.80	\$7,764.00	\$1.10	\$10,675.50	\$1.99	\$9,705.00	
28	Driveway Pavement Removal	SY	4,700.0	\$ 10.00	\$47,000.00	\$14.50	\$68,150.00	\$18.74	\$87,038.00	
29	Class D Patching, Type II, 4"	SY	50.0	\$ 45.00	\$2,250.00	\$59.00	\$3,450.00	\$41.23	\$2,061.50	
30	Class D Patching, Type III, 4"	SY	50.0	\$ 40.00	\$2,000.00	\$57.00	\$2,850.00	\$41.23	\$2,061.50	
31	Class D Patching, Type IV, 4"	SY	700.0	\$ 30.00	\$21,000.00	\$43.00	\$30,100.00	\$34.16	\$23,912.00	
32	Class D Patching, Type III, 9"	SY	30.0	\$ 65.00	\$1,950.00	\$105.00	\$3,150.00	\$101.33	\$3,039.90	
33	Class D Patching, Type III, 9"	SY	30.0	\$ 70.00	\$2,100.00	\$88.00	\$2,640.00	\$101.33	\$3,039.90	
34	Class D Patching, Type IV, 9"	SY	1,140.0	\$ 50.00	\$57,000.00	\$69.25	\$78,945.00	\$56.71	\$64,649.40	
35	Class D Patching, Type II, 12"	SY	35.0	\$ 120.00	\$4,200.00	\$135.00	\$4,725.00	\$71.08	\$5,987.80	
36	Cold Patch	TN	100.0	\$ 110.00	\$11,000.00	\$88.00	\$8,800.00	\$100.53	\$10,053.00	
37	Storm Sewers, PVC, SDR-26, 4"	LF	20.0	\$ 77.00	\$1,540.00	\$68.10	\$1,362.00	\$68.09	\$1,361.80	
38	Storm Sewers, PVC, SDR-26, 6"	LF	20.0	\$ 79.00	\$1,580.00	\$69.70	\$1,394.00	\$69.70	\$1,394.00	
39	Storm Sewers, PVC, SDR-26, 10"	LF	20.0	\$ 80.00	\$1,600.00	\$75.50	\$1,510.00	\$75.51	\$1,510.20	
40	Storm Sewers, PVC, SDR-26, 12"	LF	20.0	\$ 70.00	\$1,400.00	\$80.75	\$1,615.00	\$80.74	\$1,614.80	
41	Storm Sewers, PVC, SDR-26, 8" Water Quality Pipe	LF	20.0	\$ 65.00	\$1,300.00	\$72.10	\$1,442.00	\$72.12	\$1,442.40	
42	Storm Sewers, PVC, SDR-26, 10" Water Quality Pipe	LF	78.0	\$ 70.00	\$5,460.00	\$74.75	\$5,830.50	\$74.76	\$5,831.28	
43	Storm Sewers, PVC, SDR-26, 12" Water Quality Pipe	LF	40.0	\$ 75.00	\$3,000.00	\$80.85	\$3,234.00	\$80.86	\$3,234.40	
44	Storm Sewers, PVC, SDR-26, 15" Water Quality Pipe	LF	20.0	\$ 100.00	\$2,000.00	\$96.85	\$1,937.00	\$96.84	\$1,936.80	
45	Sanitary Sewers, PVC, SDR-26, 6"	LF	20.0	\$ 49.00	\$980.00	\$28.40	\$568.00	\$28.40	\$568.00	

	LF	20.0 \$	110.00	\$2,200.00	\$99.10	\$1,982.00	\$99.12	\$1,982.40
46 Sanitary Sewers, PVC, SDR-26, 8"	LF	92.0	\$ 110.00	\$10,120.00	\$182.75	\$16,813.00	\$180.82	\$1,982.40
47 Sanitary Sewers, PVC, SDR-26, 8" Water Quality Pipe	LF	90.0	\$ 70.00	\$6,300.00	\$47.30	\$4,257.00	\$47.31	\$16,635.44
48 Water Main, DIP, CL52, Push Joints, Trenched, 6"	LF	2,422.0	\$ 70.00	\$169,540.00	\$63.10	\$152,828.20	\$63.10	\$4,287.90
49 Water Main, DIP, CL52, Push Joints, Trenched, 8"	LF	100.0	\$ 140.00	\$14,000.00	\$154.95	\$15,495.00	\$154.92	\$317,282.00
50 Water Main, DIP, Restrained Joints, Horizontal Directional Drill, 8"	LF	24.0	\$ 140.00	\$3,360.00	\$135.20	\$3,244.80	\$135.19	\$15,492.00
51 Water Main, DIP, Restrained Joints, Trenched & Encased, 8"	LF	2,762.0	\$ 0.60	\$1,657.20	\$0.40	\$1,104.80	\$0.40	\$3,244.56
52 Polyethylene Encasement	EA	4.0	\$ 2,000.00	\$8,000.00	\$2,355.75	\$9,423.00	\$2,357.75	\$1,104.80
53 Water Valves, 8"	EA	6.0	\$ 5,000.00	\$30,000.00	\$5,922.25	\$35,533.50	\$5,921.65	\$9,431.00
54 Fire Hydrants	EA	2.0	\$ 2,500.00	\$5,000.00	\$3,375.00	\$6,750.00	\$3,376.00	\$6,752.00
55 Cut & Install Endcaps	LF	500.0	\$ 10.00	\$5,000.00	\$32.05	\$16,025.00	\$32.01	\$16,005.00
56 Water Service Line, 1"	LF	33.40	\$ 20.00	\$668.00	\$33.40	\$1,111.00	\$33.39	\$500.85
57 Water Service Line, 1 1/4"	LF	30.0	\$ 30.00	\$900.00	\$40.60	\$1,218.00	\$40.60	\$1,218.00
58 Water Service Line, 1 1/2"	LF	18.0	\$ 1,600.00	\$28,800.00	\$1,808.15	\$32,546.70	\$1,807.53	\$32,535.54
59 Water Service Complete	EA	330.0	\$ 13.00	\$4,290.00	\$46.40	\$15,312.00	\$46.38	\$15,305.40
60 Adjust Sanitary Sewer 8" or Less	EA	4.0	\$ 400.00	\$1,600.00	\$457.25	\$1,829.00	\$458.35	\$1,833.40
61 Fire Hydrants To Be Removed	EA	2.0	\$ 1,200.00	\$2,400.00	\$1,218.75	\$2,437.50	\$1,230.75	\$2,461.50
62 Domestic Water Service Box Replacement	EA	4.0	\$ 2,000.00	\$8,000.00	\$3,986.25	\$15,945.00	\$3,985.25	\$15,941.00
63 Manholes 4" Dia, T1FCL, < 8"	EA	1.0	\$ 2,600.00	\$2,600.00	\$6,149.75	\$6,149.75	\$6,147.75	\$6,147.75
64 Sanitary Manholes 4" Dia, T1FCL, < 8" Chimney Seal	EA	3.0	\$ 2,000.00	\$6,000.00	\$2,292.50	\$6,877.50	\$2,294.50	\$6,883.50
65 Catch Basins, 2' Dia, 3010-A	EA	42.0	\$ 2,000.00	\$84,000.00	\$2,666.25	\$111,982.50	\$2,660.00	\$109,200.00
66 Catch Basins, 3' Dia, 3010-A	EA	7.0	\$ 2,000.00	\$14,000.00	\$2,292.50	\$16,047.50	\$2,294.50	\$16,061.50
67 Catch Basins, 3' Dia, 3210-A	EA	5.0	\$ 2,000.00	\$10,000.00	\$2,666.25	\$13,331.25	\$2,668.25	\$13,341.25
68 Catch Basins, 3' Dia, 3210-L	EA	1.0	\$ 1,900.00	\$1,900.00	\$2,292.50	\$2,292.50	\$2,294.50	\$2,294.50
69 Catch Basins, 3' Dia, 3210-L	EA	1.0	\$ 1,900.00	\$1,900.00	\$2,223.50	\$2,223.50	\$2,225.50	\$2,225.50
70 Catch Basins, 3' Dia, T1FOL	EA	2.0	\$ 200.00	\$400.00	\$1,379.75	\$2,759.50	\$1,379.15	\$2,758.30
71 Valve Boxes To Be Adjusted	EA	4.0	\$ 200.00	\$800.00	\$203.30	\$813.20	\$203.30	\$813.20
72 Domestic Water Service Box Adjustment	EA	2.0	\$ 500.00	\$1,000.00	\$1,071.95	\$2,143.90	\$1,071.95	\$2,143.90
73 Sanitary Manholes To Be Adjusted	EA	11.0	\$ 400.00	\$4,400.00	\$824.70	\$9,071.70	\$824.70	\$9,071.70
74 Manhole To Be Adjusted	EA	3.0	\$ 550.00	\$1,650.00	\$635.50	\$1,906.50	\$636.60	\$1,909.80
75 Manholes To Be Adjusted With New Frame and Lid, T1FCL	EA	1.0	\$ 2,500.00	\$2,500.00	\$1,717.50	\$1,717.50	\$1,719.50	\$1,719.50
76 Manholes To Be Reconstructed With New Frame and Lid, T1FCL	EA	1.0	\$ 2,500.00	\$2,500.00	\$1,717.50	\$1,717.50	\$1,719.50	\$1,719.50
77 Manholes To Be Reconstructed With New Frame and Lid, T1FOL	EA	17.0	\$ 600.00	\$10,200.00	\$1,244.45	\$21,155.65	\$1,244.45	\$21,155.65
78 Sanitary Manholes To Be Adjusted With New Frame & Lid, T1FCL, Chimney Seal	EA	1.0	\$ 600.00	\$600.00	\$744.75	\$744.75	\$745.85	\$745.85
79 Catch Basins To Be Adjusted With New Frame and Grate, T1FOL	EA	22.0	\$ 600.00	\$13,200.00	\$739.00	\$16,258.00	\$740.10	\$16,282.20
80 Catch Basins To Be Adjusted With New Frame and Grate, 3010-A	EA	1.0	\$ 600.00	\$600.00	\$773.50	\$773.50	\$774.60	\$774.60
81 Catch Basins To Be Adjusted With New Frame and Grate, 3010-L	EA	2.0	\$ 600.00	\$1,200.00	\$1,020.75	\$2,041.50	\$1,021.85	\$2,043.70
82 Catch Basins To Be Adjusted With New Frame and Grate, 3210-A	EA	4,720.0	\$ 15.00	\$70,800.00	\$16.25	\$76,700.00	\$16.47	\$81,898.40
83 Combination Concrete Curb & Gutter, B-6, 12	LF	50.0	\$ 15.00	\$750.00	\$17.60	\$880.00	\$17.67	\$1,044.50
84 Combination Concrete Curb & Gutter, B-6, 18	LF	5,940.0	\$ 15.00	\$89,100.00	\$14.40	\$85,536.00	\$14.40	\$104,959.80
85 Combination Concrete Curb & Gutter, M-3, 12	LF	4,800.0	\$ 16.00	\$76,800.00	\$17.60	\$84,480.00	\$17.60	\$100,656.00
86 Combination Concrete Curb & Gutter, M-3, 18	LF	1.0	\$ 50,000.00	\$50,000.00	\$102,000.00	\$102,000.00	\$169,805.87	\$169,805.87
87 Traffic Control & Protection	LS	7,657.0	\$ 0.35	\$2,679.95	\$0.35	\$2,679.95	\$0.35	\$2,679.95
88 Paint Pavement Marking - Line, 4"	LF	126.0	\$ 0.80	\$100.80	\$0.70	\$88.20	\$0.70	\$88.20
89 Paint Pavement Marking - Line, 6"	LF	90.0	\$ 1.00	\$90.00	\$1.50	\$135.00	\$1.50	\$135.00
90 Paint Pavement Marking - Line, 12"	LF	530.0	\$ 2.00	\$1,060.00	\$3.00	\$1,590.00	\$3.00	\$1,590.00
91 Paint Pavement Marking - Line, 24"	LF	197.9	\$ 2.00	\$395.80	\$2.58	\$510.58	\$2.58	\$510.58
92 Paint Pavement Marking - Letters & Symbols	SF	27.0	\$ 20.00	\$540.00	\$160.00	\$4,320.00	\$59.58	\$1,608.66
93 Aggregate Shoulder Type A, Variable Width	TN	180.0	\$ 20.00	\$3,600.00	\$17.25	\$3,105.00	\$17.25	\$3,105.00
94 Detector Loop, Type 1	LF							
TOTALS				\$2,926,724.71		\$3,198,917.94		\$3,444,452.31

# Memorandum

Paul G. Redman, P.E.  
Director of Engineering

**To:** Donald B. Rose, City Manager  
**Date:** March 9, 2016  
**Subject:** 2016 Road, Sewer and Water Rehabilitation Program

Bids for the 2016 Road Program were formally received and opened by the Procurement Officer on March 1, 2016. The apparent low bidder is Plote Construction, Inc. of Elgin, Illinois with a bid amount of \$3,198,917.94. The total budget amount for this project in the draft 2016/17 Draft Budget is \$3,230,000.00. Below is a breakdown by fund comparison of the low bid and budget.

## 2016 Road, Sewer & Water Program Budget Analysis Summary

Fund	2016/17 Draft Budget	Low Bid - Plote	Budget +/-	%+/-
MFT	\$2,500,000.00	\$2,351,673.62	-\$148,326.38	-5.93
SAN	\$35,000.00	\$27,305.40	-\$7,694.60	-21.98
STM	\$185,000.00	\$223,008.67	\$38,008.67	20.55
WTR	\$510,000.00	\$596,930.25	\$86,930.25	17.05
<b>Total</b>	<b>\$3,230,000.00</b>	<b>\$3,198,917.94</b>	<b>-\$31,082.06</b>	<b>-0.96</b>

Engineering staff has reviewed the bids received, and has determined that the bids are complete, competitive bids for the project. Plote Construction has not previously been the low bidder for the Road Program. Staff is familiar with their work as Plote was the paving subcontractor for the Wesley Street Bridge project, and we have received favorable recommendations from other local municipalities where Plote has recently worked.

The Engineering Department supports the bid award recommendation for the 2016 Road, Sewer and Water Program to Plote Construction.

C: Procurement Officer