



Board of Alderman Request for Action

MEETING DATE: 9/6/2022

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1112 - Change Order with Veenstra & Kimm for Watermain Improvements

REQUESTED BOARD ACTION:

Motion to approve Resolution 1112, approving the Change Order with Veenstra & Kimm Inc. in the amount of \$17,660 for the engineering of a four-inch watermain between Spelman and Manzanola and Sixth Street and Maple Lane.

SUMMARY: On May 3rd, 2022 the Board approved an agreement with Veenstra & Kim for engineering services for a new watermain and infrastructure improvements on 4th Street and 4th Terrace.

The four-inch watermain between Spelman and Manzanola and Sixth Street and Maple Lane is also seeping. The line has deteriorated to the point where repairs are no longer possible. When the crew make a repair, the line begins leaking in another place. The line is ductile iron and has been in service for decades.

This line will be bid with the 4th Street project due to the proximity.

PREVIOUS ACTION:

Board approved Resolution 1054 for engineering services with Veenstra & Kim on May 3, 2022 for improvements on 4th Street and 4th Terrace.

POLICY ISSUE:

Continued service and infrastructure maintenance.

FINANCIAL CONSIDERATIONS:

This was not included in the 2023 budget presented at the August 16th Work session however will be included in the 2023 CWWWS CIP when the budget is presented to the Board for adoption. Approximate construction cost is \$75,000.

ATTACHMENTS:

- | | |
|---|--|
| <input type="checkbox"/> Ordinance | <input checked="" type="checkbox"/> Contract- fee estimate |
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Staff Report | <input type="checkbox"/> Minutes |
| <input checked="" type="checkbox"/> Other: Proj Map | |

RESOLUTION 1112

**A RESOLUTION APPROVING A CHANGE ORDER WITH VEENSTRA
& KIMM INC. FOR ENGINEERING SERVICES FOR WATER MAIN
IMPROVEMENTS IN THE AMOUNT OF \$17,660**

WHEREAS, on May 3rd, 2022 the Board approved an agreement with Veenstra & Kimm to replace the watermain on 4th Street and 4th Terrace; and

WHEREAS, the water main between Spelman Dr and Manzanola Lane between Sixth Street and Maple Lane also needs to be replaced; and

WHEREAS, Veenstra & Kimm have provided a scope of services to complete the design in an amount of \$17,660.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, approve a Change Order with Veenstra & Kimm Inc. in the amount of \$17,660 for the engineering of a four-inch watermain between Spelman and Manzanola and Sixth Street and Maple Lane.

PASSED AND ADOPTED by the Mayor and Board of Aldermen this 6th day of September, 2022.

Damien Boley, Mayor

ATTEST:

Linda Drummond
City Clerk

August 22, 2022



PROJECT SUMMARY SHEET

**VEENSTRA & KIMM, INC. COST PROPOSAL
MANZANOLA LANE WATERMAIN IMPROVEMENTS
SMITHVILLE, MISSOURI**

DESIGN PHASE

	Total Hours	Labor Costs
Engineer III-B	7	\$896
Engineer V	10	\$1,130
Engineer VI	11	\$1,166
Engineer VIII	12	\$1,176
Engineer XI	20	\$1,500
Technician II	20	\$1,720
Clerical IV	<u>0</u>	<u>\$0</u>
Totals	80	\$7,588

TOTAL LABOR COSTS	\$7,588
TOTAL EXPENSES	<u>\$10,072</u>
TOTAL ESTIMATED AMOUNT PAYABLE - DESIGN PHASE	\$17,660

VEENSTRA & KIMM, INC. COST PROPOSAL
MANZANOLA LANE WATERMAIN IMPROVEMENTS
SMITHVILLE, MISSOURI

PROJECT HOURS ESTIMATE		Manhours							
		Engineer III-B	Engineer V	Engineer VI	Engineer VIII	Engineer XII	Tech II	Clerical III	Total
Item Description									
1	Collect and review existing information		1	1		2			4
2									0
3	Review of Provided Field Surveys	1		1		1	1		4
4									0
5	Conduct field reconnaissance	1		1		1	1		4
6									0
7	Develop contour map		1	1		1	2		5
8									0
9	Preliminary Alignments (Water)	1		1	2	2	2		8
10									0
11	Preliminary Alignments (Storm Sewer)								0
12									0
13	Sanitary Sewer								0
14									0
15	Preliminary Roadway Geometry								0
16									0
17	Typical Sections and Details		1			1	1		3
18									0
19	Preliminary Plan Development		1		2	2	2		7
20									0
21	Preliminary Quantities and Cost Estimate	1			1		1		3
22									0
23	Preliminary Submittal to City with Review Meeting		1		1				2
24									0
PAGE 1 TOTAL ESTIMATE		4	5	5	6	10	10	0	40

**VEENSTRA & KIMM, INC. COST PROPOSAL
MANZANOLA LANE WATERMAIN IMPROVEMENTS
SMITHVILLE, MISSOURI**

PROJECT HOURS ESTIMATE		Manhours							
		Engineer III-B	Engineer V	Engineer VI	Engineer VIII	Engineer XII	Tech II	Clerical III	Total
Item Description									
25	Revisions to Preliminary Plans per City Comments		1	1		1	2		5
26									0
27	Final Alignment (Water)		1	1	2	2	2		8
28									0
29	Final Alignment (Storm Sewer)								0
30									0
31	Sanitary Sewer								0
32									0
33	Final Roadway Geometry								0
34									0
35	Final Plan Development	1	1	1	2	4	4		13
36									0
37	Specifications			1		1			2
38									0
39	Final Quantities and Cost Estimate		1		1		1		3
40									0
41	Submit Final Plans to City with Review meeting		1		1	1			3
42									0
43	Project Management and Coordination Meetings	1		1		1	1		4
44									0
43	Public Involvement	1		1					2
46									
PAGE 2 TOTAL ESTIMATE		3	5	6	6	10	10	0	40
TOTAL ESTIMATE		7	10	11	12	20	20	0	80

**VEENSTRA & KIMM, INC. COST PROPOSAL
MANZANOLA LANE WATERMAIN IMPROVEMENTS
SMITHVILLE, MISSOURI
DESIGN COST ESTIMATE**

DIRECT LABOR

<u>Discipline</u>	<u>Total Hours</u>	<u>Rate</u>	<u>Total</u>	
Engineer III-B	7	\$128.00	896	
Engineer V	10	\$113.00	1130	
Engineer VI	11	\$106.00	1166	
Engineer VIII	12	\$98.00	1176	
Engineer XI	20	\$75.00	1500	
Technician II	20	\$86.00	1720	
Clerical IV	0	\$53.00	0	
TOTAL DIRECT LABOR	80			\$7,588
			TOTAL ESTIMATED LABOR COST	\$7,588

DIRECT EXPENSES

Subconsultants:

McLaughlin Mueller, Inc. (Topo & Boundary Survey)	\$9,920	
(Easements - 0 Parcels @ \$360/Parcel) - none anticipated	\$0	
(Title Reports - 0 Parcels @ \$300/Parcel) - none anticipated	\$0	
Total Subconsultant Cost		\$9,920
Mileage		\$100
Printing & Reproduction		\$20
Lodging		\$0
Meals		\$0
Engineering Supplies & Equipment		\$32

TOTAL ESTIMATED DIRECT EXPENSES	\$10,072
TOTAL ESTIMATED COSTS	\$17,660
MAXIMUM AMOUNT PAYABLE	\$17,660

Smithville, MO



21" line to be replaced



Legend

- System Valve
 - Hydrant
 - Main Break
 - Water Network Structure
 - Water Main
 - Lateral Line
 - Ramp
 - Issue Point
 - Sidewalk
- 2020
- 0.000000 - 55.000000
 - 55.000001 - 70.000000
 - 70.000001 - 85.000000
 - 85.000001 - 100.000000
- 2022
- 18.600000 - 55.000000
 - 55.000001 - 70.000000
 - 70.000001 - 85.000000
 - 85.000001 - 100.000000
- Road
 - Parcel

Notes

This Cadastral Map is for informational purposes only. It does not purport to represent a property boundary survey of the parcels shown and shall not be used for conveyances or the establishment of property boundaries. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

1 in. = 319ft.

