



City of West Allis

7525 W. Greenfield Ave.
West Allis, WI 53214

Resolution

File Number: R-2013-0050

Final Action:

Sponsor(s): Public Works Committee

MAR 05 2013

Resolution authorizing the Director of Public Works/City Engineer to enter into an agreement for reimbursement from MMSD to fund the disconnection of foundation drains on S. 57th St. from W. National Ave. to the north city limits in an amount not to exceed \$400,000.

WHEREAS, Wisconsin law, through Section 66.0301 Stats., authorizes any municipality to enter into an intergovernmental cooperation agreement with another municipality for the furnishing of services; and

WHEREAS, during wet weather events stormwater enters private lateral sewers through defective pipes and leaky joints and connections ("infiltration") and stormwater also enters private lateral sewers from foundation drains, improper connections and other sources ("inflow"); infiltration and inflow increases the amount of wastewater that the District must collect and treat; and

WHEREAS, MMSD has made available to its communities a source of funding to reduce infiltration and inflow from private property, and

WHEREAS, the City of West Allis will enter into a contract based on MMSD's funding proposal.

NOW, THEREFORE, BE IT RESOLVED, that the Director of Public Works/City Engineer is hereby authorized and directed to sign the funding agreement titled WE04 with MMSD.

NOW, THEREFORE, BE IT FURTHER RESOLVED that the City Attorney be hereby authorized to make such substantive changes, modifications, additions and deletions to and from the various provisions of the Agreement, as may be necessary and proper to correct inconsistencies, eliminate ambiguity and otherwise clarify and supplement said provisions to preserve and maintain the general intent thereof.

ADOPTED MAR 05 2013

APPROVED 3/8/13

Paul M. Ziebler, City Admin. Officer, Clerk/Treas.

Dan Devine, Mayor



Preserving The Environment •
Improving Water Quality

April 9, 2013

Mr. Joseph M. Burtch, P.E.
Assistant City Engineer
City of West Allis
7525 West Greenfield Avenue
West Allis, WI 53214

Subject: Funding Agreement WE04
Private Property Infiltration and Inflow Reduction Agreement

Dear Mr. Burtch:

Enclosed is fully executed Funding Agreement WE04 between the MMSD and the City of West Allis for your records.

Please contact me if you have any questions.

Thank you.

Sincerely,

Jerome Flogel, P.E.
Senior Project Manager
Milwaukee Metropolitan Sewerage District

jlr

Enclosure

Funding Agreement WE04

Private Property Infiltration and Inflow Reduction Agreement

This Agreement is made between the Milwaukee Metropolitan Sewerage District (District) with its principal place of business at 260 West Seeboth Street, Milwaukee, Wisconsin 53204-1446 and the City of West Allis (Municipality), with its municipal offices at 7525 West Greenfield Avenue, West Allis, Wisconsin 53214.

WHEREAS, Wisconsin law, through Section 66.0301 Stats., authorizes any municipality to enter into an intergovernmental cooperation agreement with another municipality for the furnishing of services; and

WHEREAS, the District is responsible for collecting and treating wastewater from the Municipality's locally owned collection system; and

WHEREAS, the Municipality's sewers collect wastewater from lateral sewers located on private property and owned by private property owners; and

WHEREAS, during wet weather events stormwater enters lateral sewers through defective pipes and leaky joints and connections ("infiltration) and stormwater also enters lateral sewers from foundation drains, improper connections and other sources ("inflow"); and

WHEREAS, infiltration and inflow increases the amount of wastewater that the District must collect and treat; and

WHEREAS, during wet weather events infiltration and inflow ("I/I") into privately owned sewers contributes to the risk of sewer overflows; and

WHEREAS, the District wishes to fund measures to reduce I/I from private property.

Now, therefore, for the consideration of the mutual promises made by the parties to this Agreement, the parties agree as follows:

1. Date of Agreement

This Agreement becomes effective immediately upon signature by both parties and shall end when the Municipality receives final payment from the District; or when this Agreement is otherwise terminated as set forth herein.

2. District Funding

The District shall reimburse the Municipality for \$400,000 in costs for the private property I/I control work described in Attachment A ("the Work"). The District funding shall be provided as a reimbursement upon submission of quarterly invoices. Beyond the financial support for the Work, the District shall have no involvement in ownership, construction, maintenance or operation of the Work. The Municipality shall identify the District as a funder in informational literature and signage.

3. Procedure for Payment

The Municipality shall submit an invoice to the District for the amount to be reimbursed. Invoices may be submitted no more often than quarterly. The invoice should include a

documentation of all costs to be reimbursed. Invoices from consultants shall provide the hourly billing rates, if applicable, the hours worked by individuals, and a summary of the tasks accomplished.

Reports and invoices shall be submitted to:

Jerome Flogel, P.E.
Senior Project Manager
Milwaukee Metropolitan Sewerage District
260 West Seeboth Street
Milwaukee, WI 53204 – 1446

Final reimbursement will not be provided until the project is complete and the Deliverables have been received.

4. Changes in Work and Modifications to the Agreement

Any changes to the Work must be approved by the District, in writing, in advance. The District may not reimburse for work that is not included in Attachment A unless prior written approval from the District is obtained.

This Agreement may be modified only by a writing signed by both parties.

5. Ongoing Reporting Obligation

For a period of five years following the completion of the Work, the Municipality agrees to report to the District any problems which may arise with the completed Work. This information may be used by the District in planning future I/I reduction efforts.

6. Permits, Certificates and Licenses

The Municipality is solely responsible for ensuring compliance with all federal, state and local laws requiring permits, certificates and licenses required to implement the Work.

7. Public Bidding

The selection of professional service providers must be performed in accordance with the Municipality's ordinances and policies. All non-professional service work (i.e. construction, sewer inspection, post-construction restoration) must be procured in accordance with State of Wisconsin statutes and regulations and in accordance with the Municipality's ordinances and policies. Whenever work valued over \$25,000 is procured without the use of a public sealed bidding process, the District may request and the Municipality must provide an opinion from a licensed attorney representing the Municipality stating that the procurement is in compliance with State of Wisconsin law and Municipal ordinances.

8. Responsibility for Work, Insurance and Indemnification

The Municipality is solely responsible for planning, design, construction and maintenance of the Work, including the selection and payment of consultants, contractors, and materials. The Municipality is solely responsible for ensuring compliance with Wisconsin prevailing wage law.

The District shall not provide any insurance coverage of any kind for the Work or the Municipality.

The Municipality shall defend, indemnify and hold harmless the District and its Commissioners, employees, and agents against any and all damages, costs, liability and expense whatsoever (including attorneys fees and related disbursements) arising from or connected with the planning, design, construction, operation or maintenance of the Work.

9. Terminating the Agreement

The District may terminate this Agreement at any time prior to commencement of the Work. After the Work has commenced, the District may terminate the Agreement only for good cause, such as, but not limited to, breach of agreement by the Municipality. The Municipality may terminate the Agreement at any time, but will not receive any payment from the District if the Work is not completed.

10. Exclusive Agreement

This is the entire Agreement between the Municipality and the District regarding reimbursement for Work.

11. Severability

If any part of this Agreement is held unenforceable, the rest of the Agreement will continue in effect.

12. Applicable Law

This Agreement is governed by the laws of the State of Wisconsin.

13. Resolving Disputes

If a dispute arises under this Agreement, the parties agree to first try to resolve the dispute with the help of a mutually agreed-upon mediator in Milwaukee County. Any costs and fees other than attorney fees associated with the mediation shall be shared equally by the parties. If the dispute is not resolved within 30 days after it is referred to the mediator, either party may take the matter to court.

14. Notices

All notices and other communications in connection with this Agreement shall be in writing and shall be considered given as follows:

- when delivered personally to the recipient's address as stated on this Agreement;
or
- three days after being deposited in the United States mail, with postage prepaid to the recipient's address as stated on this Agreement.

15. No Partnership

This Agreement does not create a partnership relationship nor give the Municipality the apparent authority to make promises binding upon the District. The Municipality does not have authority to enter into contracts on the District's behalf.

16. Assignment

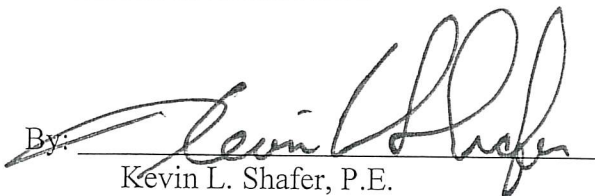
The Municipality may not assign any rights or obligations under this Agreement without the District's prior written approval.

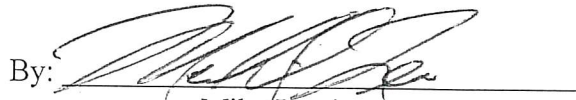
17. Public Records

The Municipality agrees to cooperate and assist the District in the production of any records in the possession of the Municipality that are subject to disclosure by the District pursuant to the State of Wisconsin's Open Records Law, §§19.31-19.39, Wis. Stats. The Municipality agrees to indemnify the District against any and all claims, demands, and causes of action resulting from the Municipality's failure to comply with this requirement.

MILWAUKEE METROPOLITAN
SEWERAGE DISTRICT

CITY OF WEST ALLIS

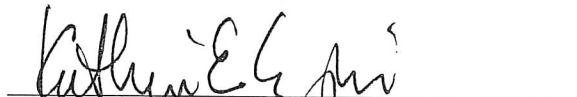
By: 
Kevin L. Shafer, P.E.
Executive Director

By: 
Mike Lewis
Director of Public Works

Date: 4/9/13

Date: 3/7/2013

Approved as to form:


Attorney for the District

Attachment A

South 57th Street from National Ave to the north City limits resides in sewershed WE6021 which is a non-compliant basin by MMSD WWPFP standards. The project area is also prone to basement back-ups. Most homes were constructed in the early 1900s and do not have sump pumps discharged foundation drains.

Description of Work:

The proposed work is to disconnect the house foundation drains from the sanitary and direct to a newly installed sump pump with discharge to storm sewer through a newly constructed storm lateral. Small lot configuration is not conducive to exterior discharge.

Location of Work:

South 57th Street, north of National.

Public Education/Outreach:

The City Engineering Dept. has been contacting the residents of the project area through mailings for several years as wet weather flow problems have been addressed. The mailings will continue and a public meeting will be held.

Budget:

Construction costs are estimated to be \$400,000 based on previous project pricing and an estimated 90% participation rate. All construction costs are proposed to be paid for with MMSD funds. The City will complete design, public outreach, and construction engineering services internally. A revised and detailed estimate will be provided when the bidding process is complete.

Schedule:

Design and bidding is estimated to be complete in spring/summer 2013. Construction is scheduled to start in September 2013 with restoration complete in spring 2014.

Procurement:

All engineering will be City internal staff completed. Construction work will be publicly bid.

Data Collection:

Flow monitoring equipment has been in place recording baseline data and is scheduled to be in place post work.

Deliverables:

1. Map of participating homes with electronic data base format of associated information including without limitation: property tax i.d., address, and column categories of work performed by property including lateral lined, cleanout installed, section repair, etc.
2. Provide examples of Public Involvement/Public Education documents.
3. Draft plan and specification documents for review for all proposed work.
4. Final version of project documents including but not limited to plans, specifications, bidding documents, and meeting schedule reviewed and approved by the District.
5. Accurate schedule of field activities updated on a weekly basis.
6. Notification of public and project meetings with inclusion of the District in participation thereof.
7. Progress reports on project activities and public involvement (PI) activities on a monthly basis or with pay reimbursement request, whichever occurs more frequently.
8. Inspection reports from the field engineer for work completed on a monthly basis or with expense reimbursement request, whichever occurs more frequently.
9. Photo documentation of project work in jpeg format on disc, jump drive or other format agreeable to both parties.
10. Quality control and quality assurance reports by the contractor submitted on a regular basis as work progresses.
11. Summary report upon completion of the project outlining quantifiable results of the completed work based on pre-work estimates, measurements, or data collected. The report shall include a specific section reporting on the results of the PI effort including follow up contact with residents in the project area as included in the PI plan. The report shall include specific details on the results of the efforts in planning that were intended to maximize efficiency and results as well as lessons learned throughout the project that may be applied in subsequent projects.
12. The City will be responsible for providing pre work flow data and reporting post work flow monitoring data and or other data related to identified measures of success for at least 2 years post work completion or as long as data is available, whichever period is longer, and reporting on any problems with the work for 5 years.

City of West Allis

Resolution

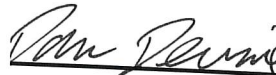
7525 W. Greenfield Ave.
West Allis, WI 53214

VED

3/8/13

Final Action:

MAR 05 2013



Dan Devine, Mayor

PI, LLC for the installation of concrete curb and gutter, concrete repair, driveway replacement, sanitary sewer relay, sanitary sewer, water main relay, building services and utility adjustments in South Limits to West National Ave in the City of West Allis in the amount

Public Works reports that it duly advertised for bids for the furnishing of performance of all work required for the improvements in a certain area as bids received as shown on the attached bid report were reasonable and it to be for the best interests of the City of West Allis that the bid of 1 be accepted.

RESOLVED By the Common Council of the City of West Allis that project No. 1 for:

curb and gutter, concrete pavement, miscellaneous walk repair, driveway repair, sanitary sewer, storm sewer relay, storm sewer, water main relay, utility adjustments in:

City Limits to West National Ave.

U-2568, U-2569, U-2570, U-2571, W-1311, W-1312, W-1315, S-1476, S-1477

Hundred Thirteen Thousand Forty-Two and 90/100 dollars

City officers are hereby authorized and directed to enter into contractual agreements for the performance of said work, in accordance with the prices set forth in the bids with the specifications of the City of West Allis, and that all other conditions of the bids be accepted; and,

That said improvements be installed with funding by Sanitary Sewer Management Funds, Water Utility Funds, Bond Funds and Funds from

STREET CONSTRUCTION, SANITARY SEWER RELAY, STORM SEWER RELAY, STORM SEWER WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJUSTMENTS

1. South 57th Street from North City Limits to West National Avenue

ITEM	UNITS		Bid Bond 5%		Bid Bond 5%	
			PRICE	TOTAL	PRICE	TOTAL
			UPI, LLC 2180 S. Springdale Road New Berlin, WI 53146		Stark Asphalt 11710 W. Hampton Ave. Milwaukee, WI 53225	
1	Excavation	1,179 Cu. Yds.	\$18.50	21,811.50	23.60	27,824.40
2	Borrow Excavation	167 Cu. Yds.	\$10.40	1,736.80	15.00	2,505.00
3	Sodding	3,420 Sq. Yds.	\$6.50	22,230.00	5.85	20,007.00
4	Asphalt/Concrete Sawing	330 Lin. Ft.	\$3.00	990.00	2.00	660.00
5	Walk & Drive Removal	24,940 Sq. Ft.	\$0.75	18,705.00	0.50	12,470.00
6	Curb Removal	80 Lin. Ft.	\$4.15	332.00	8.00	640.00
7	Pavement Removal	8,740 Sq. Yds.	\$6.75	58,995.00	3.10	27,094.00
8	5" Concrete Sidewalk	22,360 Sq. Ft.	\$4.10	91,676.00	3.20	71,552.00
9	7" Concrete Walk & Drive	2,700 Sq. Ft.	\$4.10	11,070.00	3.90	10,530.00
10	Curb Ramp Detectable Warning Field	136 Sq. Ft.	\$41.50	5,644.00	30.00	4,080.00
11	31" Concrete Curb and Gutter	4,750 Lin. Ft.	\$11.40	54,150.00	11.35	53,912.50
12	7" Concrete Pavement	6,930 Sq. Yds.	\$24.50	169,785.00	24.60	170,478.00
13	8" Concrete Base	980 Sq. Yds.	\$22.75	22,295.00	27.00	26,460.00
14	Pavement Ties	570 Each	\$10.50	5,985.00	6.00	3,420.00
15	4" Underdrain, Complete	270 Lin. Ft.	\$19.00	5,130.00	9.00	2,430.00
16	Base Aggregate Dense, 1-1/4"	2,220 Tons	\$12.50	27,750.00	12.25	27,195.00
17	Tack Coat	126 Gallons	\$7.25	913.50	5.00	630.00
18	HMA Pavement (Type E-0.3)	226 Tons	\$99.00	22,374.00	90.00	20,340.00
19	Trenching	2,201 Lin. Ft.	\$4.10	9,024.10	4.25	9,354.25
20	21" Dia. Storm Sewer Relay	125 Lin. Ft.	\$65.00	8,125.00	72.00	9,000.00
21	18" Dia. Storm Sewer Relay	163 Lin. Ft.	\$60.00	9,780.00	63.00	10,269.00
22	15" Dia. Storm Sewer Relay	40 Lin. Ft.	\$67.00	2,680.00	64.00	2,560.00
23	15" Dia. Storm Sewer	549 Lin. Ft.	\$53.00	29,097.00	63.00	34,587.00
24	12" Dia. Storm Sewer	1,127 Lin. Ft.	\$50.00	56,350.00	56.00	63,112.00
25	6" Dia. Building Storm Sewer (92)	2,721 Lin. Ft.	\$35.00	95,235.00	41.00	111,561.00
26	4'-0" Dia. Storm Manhole (1)	6 Vert. Ft.	\$205.00	1,230.00	222.00	1,332.00
27	3'-6" Dia. Storm Manhole (12)	73 Vert. Ft.	\$200.00	14,600.00	218.00	15,914.00
28	Rebuild 5'-0" Dia. Storm Manhole (1)	6 Vert. Ft.	\$395.00	2,370.00	269.00	1,614.00
29	Catch Basins	19 Units	\$1,095.00	20,805.00	830.00	15,770.00
30	Catch Basin (Special)	1 Unit	\$1,800.00	1,800.00	2,200.00	2,200.00
31	Catch Basin Replacements	2 Units	\$1,295.00	2,590.00	970.00	1,940.00
32	Storm Manhole Abandonment	2 Units	\$170.00	340.00	255.00	510.00
33	Catch Basin Abandonment	8 Units	\$170.00	1,360.00	100.00	800.00
34	Inlet Removal	1 Unit	\$185.00	185.00	110.00	110.00
35	12" To 15" Storm Connection	1 Unit	\$310.00	310.00	280.00	280.00
36	Cellular Concrete	5 Cu. Yds.	\$315.00	1,575.00	330.00	1,650.00
37	10" Dia. Sanitary Sewer	281 Lin. Ft.	\$100.00	28,100.00	109.00	30,629.00
38	10" Dia. Sanitary Sewer Relay	263 Lin. Ft.	\$136.00	35,768.00	98.00	25,774.00
39	8" Dia. Sanitary Sewer	38 Lin. Ft.	\$104.00	3,952.00	153.00	5,814.00
40	8" Dia. Sanitary Sewer Relay	2,285 Lin. Ft.	\$93.00	212,505.00	96.00	219,360.00
41	3'-6" Dia. O.D. Sanitary Manhole (3)	47 Vert. Ft.	\$290.00	13,630.00	191.00	8,977.00
42	3'-6" Dia. Sanitary Manhole (9)	117 Vert. Ft.	\$128.00	14,976.00	164.00	19,188.00
43	6" Dia. Building Sanitary Sewer (86)	1,898 Lin. Ft.	\$84.00	159,432.00	89.75	170,345.50
44	6" Dia. Building Sanitary Sewer (Special) (6)	150 Lin. Ft.	\$127.00	19,050.00	122.00	18,300.00
45	Building Sanitary Sewer Reconnects	4 Units	\$100.00	400.00	340.00	1,360.00
46	Bulkhead 15" Sanitary	1 Unit	\$260.00	260.00	350.00	350.00
47	12" To 8" Connection	1 Unit	\$1,250.00	1,250.00	650.00	650.00
48	Install Internal Sanitary Manhole Seals	13 Units	\$150.00	1,950.00	100.00	1,300.00
49	Sanitary Manhole Abandonments	2 Units	\$230.00	460.00	275.00	550.00
50	6" D.I.W.M. (Relay), Class 53 (R.G.J.)	2,144 Lin. Ft.	\$71.00	152,224.00	87.00	186,528.00
51	1" Copper Water Service (87)	1,504 Lin. Ft.	\$59.00	88,736.00	68.25	102,648.00
52	1" Copper Water Service (Special) (4)	112 Lin. Ft.	\$86.00	9,632.00	70.00	7,840.00
53	1-1/2" Copper Water Service (1)	13 Lin. Ft.	\$78.00	1,014.00	127.00	1,651.00
54	Hydrants	7 Units	\$1,400.00	9,800.00	1,325.00	9,275.00
55	Hydrant West Side	1 Unit	\$2,800.00	2,800.00	2,100.00	2,100.00
56	Cut and Cap 6" Watermain	1 Unit	\$880.00	880.00	650.00	650.00
57	6" Valves	8 Units	\$70.00	560.00	140.00	1,120.00
58	12" Water Main Connection	1 Unit	\$6,300.00	6,300.00	5,530.00	5,530.00
59	W. Mineral Street Watermain Alteration	1 Unit	\$4,800.00	4,800.00	4,440.00	4,440.00
60	W. Walker Street Watermain Alteration	1 Unit	\$13,250.00	13,250.00	13,065.00	13,065.00
61	Adjust Catch Basin Frames	26 Each	\$235.00	6,110.00	280.00	7,280.00
62	Adjust Storm Manhole Frames	19 Each	\$235.00	4,465.00	250.00	4,750.00
63	Adjust Sanitary Manhole Frames	10 Each	\$235.00	2,350.00	250.00	2,500.00
64	Adjust Water Valve Box	17 Each	\$180.00	3,060.00	90.00	1,530.00
65	Inlet Protection Barriers	60 Units	\$40.00	2,400.00	50.00	3,000.00
66	Manhole Protection Barriers	29 Units	\$100.00	2,900.00	90.00	2,610.00
67	Traffic Control	1 Lump Sum	\$11,000.00	11,000.00	7,000.00	7,000.00
Total			1,613,042.90		1,630,905.65	

City of West Allis
 2013 Project No. 1
 Bid Opening - 2/28/13

**STREET CONSTRUCTION, SANITARY SEWER RELAY, STORM SEWER RELAY, S
 WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJUSTMENTS**

1. South 57th Street from North City Limits to West National Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
		State Contractors, Inc. 16575 W. Dakota St. New Berlin, WI 53151		MJ Construction, Inc. 8617 W. Kaul Ave. Milwaukee, WI 53225	
1	Excavation 1,179 Cu. Yds.	18.00	21,222.00	20.00	23,580.00
2	Borrow Excavation 167 Cu. Yds.	10.00	1,670.00	12.00	2,004.00
3	Sodding 3,420 Sq. Yds.	6.25	21,375.00	6.40	21,888.00
4	Asphalt/Concrete Sawing 330 Lin. Ft.	3.50	1,155.00	2.00	660.00
5	Walk & Drive Removal 24,940 Sq. Ft.	0.70	17,458.00	0.53	13,218.20
6	Curb Removal 80 Lin. Ft.	4.00	320.00	6.00	480.00
7	Pavement Removal 8,740 Sq. Yds.	6.50	56,810.00	6.40	55,936.00
8	5" Concrete Sidewalk 22,360 Sq. Ft.	4.00	89,440.00	3.60	80,496.00
9	7" Concrete Walk & Drive 2,700 Sq. Ft.	4.00	10,800.00	4.10	11,070.00
10	Curb Ramp Detectable Warning Field 136 Sq. Ft.	40.00	5,440.00	28.50	3,876.00
11	31" Concrete Curb and Gutter 4,750 Lin. Ft.	11.00	52,250.00	11.40	54,150.00
12	7" Concrete Pavement 6,930 Sq. Yds.	23.70	164,241.00	25.00	173,250.00
13	8" Concrete Base 980 Sq. Yds.	22.00	21,560.00	31.00	30,380.00
14	Pavement Ties 570 Each	10.00	5,700.00	5.10	2,907.00
15	4" Underdrain, Complete 270 Lin. Ft.	18.00	4,860.00	18.00	4,860.00
16	Base Aggregate Dense, 1-1/4" 2,220 Tons	12.00	26,640.00	12.50	27,750.00
17	Tack Coat 126 Gallons	2.00	252.00	5.10	642.60
18	HMA Pavement (Type E-0.3) 226 Tons	110.00	24,860.00	97.00	21,922.00
19	Trenching 2,201 Lin. Ft.	4.00	8,804.00	4.30	9,464.30
20	21" Dia. Storm Sewer Relay 125 Lin. Ft.	72.00	9,000.00	76.00	9,500.00
21	18" Dia. Storm Sewer Relay 163 Lin. Ft.	63.00	10,269.00	75.00	12,225.00
22	15" Dia. Storm Sewer Relay 40 Lin. Ft.	64.00	2,560.00	74.00	2,960.00
23	15" Dia. Storm Sewer 549 Lin. Ft.	63.00	34,587.00	74.00	40,626.00
24	12" Dia. Storm Sewer 1,127 Lin. Ft.	56.00	63,112.00	56.00	63,112.00
25	6" Dia. Building Storm Sewer (92) 2,721 Lin. Ft.	39.00	106,119.00	56.00	152,376.00
26	4'-0" Dia. Storm Manhole (1) 6 Vert. Ft.	222.00	1,332.00	310.00	1,860.00
27	3'-6" Dia. Storm Manhole (12) 73 Vert. Ft.	218.00	15,914.00	220.00	16,060.00
28	Rebuild 5'-0" Dia. Storm Manhole (1) 6 Vert. Ft.	269.00	1,614.00	360.00	2,160.00
29	Catch Basins 19 Units	830.00	15,770.00	950.00	18,050.00
30	Catch Basin (Special) 1 Unit	2,200.00	2,200.00	2,200.00	2,200.00
31	Catch Basin Replacements 2 Units	970.00	1,940.00	1,090.00	2,180.00
32	Storm Manhole Abandonment 2 Units	255.00	510.00	240.00	480.00
33	Catch Basin Abandonment 8 Units	100.00	800.00	210.00	1,680.00
34	Inlet Removal 1 Unit	110.00	110.00	190.00	190.00
35	12" To 15" Storm Connection 1 Unit	280.00	280.00	90.00	90.00
36	Cellular Concrete 5 Cu. Yds.	330.00	1,650.00	95.00	475.00
37	10" Dia. Sanitary Sewer 281 Lin. Ft.	109.00	30,629.00	110.00	30,910.00
38	10" Dia. Sanitary Sewer Relay 263 Lin. Ft.	98.00	25,774.00	110.00	28,930.00
39	8" Dia. Sanitary Sewer 38 Lin. Ft.	153.00	5,814.00	120.00	4,560.00
40	8" Dia. Sanitary Sewer Relay 2,285 Lin. Ft.	91.50	209,077.50	91.00	207,936.00
41	3'-6" Dia. O.D. Sanitary Manhole (3) 47 Vert. Ft.	191.00	8,977.00	350.00	16,450.00
42	3'-6" Dia. Sanitary Manhole (9) 117 Vert. Ft.	164.00	19,188.00	245.00	28,665.00
43	6" Dia. Building Sanitary Sewer (86) 1,898 Lin. Ft.	85.50	162,279.00	90.00	170,820.00
44	6" Dia. Building Sanitary Sewer (Special) (6) 150 Lin. Ft.	122.00	18,300.00	110.00	16,500.00
45	Building Sanitary Sewer Reconnects 4 Units	340.00	1,360.00	50.00	200.00
46	Bulkhead 15" Sanitary 1 Unit	350.00	350.00	35.00	35.00
47	12" To 8" Connection 1 Unit	650.00	650.00	220.00	220.00
48	Install Internal Sanitary Manhole Seals 13 Units	100.00	1,300.00	90.00	1,170.00
49	Sanitary Manhole Abandonments 2 Units	275.00	550.00	300.00	600.00
50	6" D.I.W.M. (Relay), Class 53 (R.G.J.) 2,144 Lin. Ft.	83.00	177,952.00	71.00	152,224.00
51	1" Copper Water Service (87) 1,504 Lin. Ft.	65.00	97,760.00	66.00	99,264.00
52	1" Copper Water Service (Special) (4) 112 Lin. Ft.	70.00	7,840.00	68.00	7,616.00
53	1-1/2" Copper Water Service (1) 13 Lin. Ft.	127.00	1,651.00	75.00	975.00
54	Hydrants 7 Units	1,325.00	9,275.00	910.00	6,370.00
55	Hydrant West Side 1 Unit	2,100.00	2,100.00	2,100.00	2,100.00
56	Cut and Cap 6" Watermain 1 Unit	650.00	650.00	699.00	699.00
57	6" Valves 8 Units	140.00	1,120.00	45.00	360.00
58	12" Water Main Connection 1 Unit	5,530.00	5,530.00	5,900.00	5,900.00
59	W. Mineral Street Watermain Alteration 1 Unit	4,440.00	4,440.00	4,300.00	4,300.00
60	W. Walker Street Watermain Alteration 1 Unit	13,065.00	13,065.00	11,500.00	11,500.00
61	Adjust Catch Basin Frames 26 Each	280.00	7,280.00	275.00	7,150.00
62	Adjust Storm Manhole Frames 19 Each	250.00	4,750.00	275.00	5,225.00
63	Adjust Sanitary Manhole Frames 10 Each	250.00	2,500.00	275.00	2,750.00
64	Adjust Water Valve Box 17 Each	90.00	1,530.00	100.00	1,700.00
65	Inlet Protection Barriers 60 Units	50.00	3,000.00	30.00	1,800.00
66	Manhole Protection Barriers 29 Units	90.00	2,610.00	30.00	870.00
67	Traffic Control 1 Lump Sum	20,000.00	20,000.00	3,000.00	3,000.00
Total			1,649,925.50		1,685,556.10

**STREET CONSTRUCTION, SANITARY SEWER RELAY, STORM SEWER RELAY, S
 WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJUSTMENTS**

1. South 57th Street from North City Limits to West National Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%	
		PRICE	TOTAL	PRICE	TOTAL
		Vinton Construction Company P.O. Box 1987 Manitowoc, WI 54221		Reesman's Excavating & Grading 28815 Bushnell Road Burlington, WI 53105	
1	Excavation 1,179 Cu. Yds.	23.50	27,706.50	26.45	31,184.55
2	Borrow Excavation 167 Cu. Yds.	0.01	1.67	39.75	6,638.25
3	Sodding 3,420 Sq. Yds.	7.60	25,992.00	6.30	21,546.00
4	Asphalt/Concrete Sawing 330 Lin. Ft.	3.00	990.00	1.70	561.00
5	Walk & Drive Removal 24,940 Sq. Ft.	0.60	14,964.00	0.65	16,211.00
6	Curb Removal 80 Lin. Ft.	5.00	400.00	8.20	656.00
7	Pavement Removal 8,740 Sq. Yds.	4.25	37,145.00	5.60	48,944.00
8	5" Concrete Sidewalk 22,360 Sq. Ft.	3.85	86,086.00	3.30	73,788.00
9	7" Concrete Walk & Drive 2,700 Sq. Ft.	4.35	11,745.00	4.00	10,800.00
10	Curb Ramp Detectable Warning Field 136 Sq. Ft.	33.00	4,488.00	30.60	4,161.60
11	31" Concrete Curb and Gutter 4,750 Lin. Ft.	11.07	52,582.50	11.60	55,100.00
12	7" Concrete Pavement 6,930 Sq. Yds.	27.15	188,149.50	25.00	173,250.00
13	8" Concrete Base 980 Sq. Yds.	32.00	31,360.00	27.55	26,999.00
14	Pavement Ties 570 Each	7.00	3,990.00	6.10	3,477.00
15	4" Underdrain, Complete 270 Lin. Ft.	25.00	6,750.00	14.65	3,955.50
16	Base Aggregate Dense, 1-1/4" 2,220 Tons	10.85	24,087.00	10.70	23,754.00
17	Tack Coat 126 Gallons	2.00	252.00	5.10	642.60
18	HMA Pavement (Type E-0.3) 226 Tons	100.00	22,600.00	91.80	20,746.80
19	Trenching 2,201 Lin. Ft.	5.00	11,005.00	3.35	7,373.35
20	21" Dia. Storm Sewer Relay 125 Lin. Ft.	75.00	9,375.00	74.00	9,250.00
21	18" Dia. Storm Sewer Relay 163 Lin. Ft.	64.00	10,432.00	68.70	11,198.10
22	15" Dia. Storm Sewer Relay 40 Lin. Ft.	61.00	2,440.00	64.45	2,578.00
23	15" Dia. Storm Sewer 549 Lin. Ft.	61.50	33,763.50	56.30	30,908.70
24	12" Dia. Storm Sewer 1,127 Lin. Ft.	53.00	59,731.00	52.30	58,942.10
25	6" Dia. Building Storm Sewer (92) 2,721 Lin. Ft.	54.50	148,294.50	40.60	110,472.60
26	4'-0" Dia. Storm Manhole (1) 6 Vert. Ft.	250.00	1,500.00	273.00	1,638.00
27	3'-6" Dia. Storm Manhole (12) 73 Vert. Ft.	238.00	17,374.00	246.40	17,987.20
28	Rebuild 5'-0" Dia. Storm Manhole (1) 6 Vert. Ft.	310.00	1,860.00	638.00	3,828.00
29	Catch Basins 19 Units	1,000.00	19,000.00	1,146.00	21,774.00
30	Catch Basin (Special) 1 Unit	1,200.00	1,200.00	1,665.00	1,665.00
31	Catch Basin Replacements 2 Units	1,200.00	2,400.00	1,675.00	3,350.00
32	Storm Manhole Abandonment 2 Units	500.00	1,000.00	648.00	1,296.00
33	Catch Basin Abandonment 8 Units	450.00	3,600.00	504.00	4,032.00
34	Inlet Removal 1 Unit	350.00	350.00	382.00	382.00
35	12" To 15" Storm Connection 1 Unit	500.00	500.00	415.00	415.00
36	Cellular Concrete 5 Cu. Yds.	150.00	750.00	220.00	1,100.00
37	10" Dia. Sanitary Sewer 281 Lin. Ft.	94.00	26,414.00	112.50	31,612.50
38	10" Dia. Sanitary Sewer Relay 263 Lin. Ft.	94.50	24,853.50	112.45	29,574.35
39	8" Dia. Sanitary Sewer 38 Lin. Ft.	129.50	4,921.00	133.45	5,071.10
40	8" Dia. Sanitary Sewer Relay 2,285 Lin. Ft.	91.50	209,077.50	113.65	259,690.25
41	3'-6" Dia. O.D. Sanitary Manhole (3) 47 Vert. Ft.	223.00	10,481.00	325.00	15,275.00
42	3'-6" Dia. Sanitary Manhole (9) 117 Vert. Ft.	201.00	23,517.00	219.00	25,823.00
43	6" Dia. Building Sanitary Sewer (86) 1,898 Lin. Ft.	94.25	178,886.50	89.45	169,776.10
44	6" Dia. Building Sanitary Sewer (Special) (6) 150 Lin. Ft.	95.00	14,250.00	148.00	22,200.00
45	Building Sanitary Sewer Reconnects 4 Units	300.00	1,200.00	194.00	776.00
46	Bulkhead 15" Sanitary 1 Unit	200.00	200.00	170.00	170.00
47	12" To 8" Connection 1 Unit	350.00	350.00	425.00	425.00
48	Install Internal Sanitary Manhole Seals 13 Units	100.00	1,300.00	250.00	3,250.00
49	Sanitary Manhole Abandonments 2 Units	1,000.00	2,000.00	715.00	1,430.00
50	6" D.I.W.M. (Relay), Class 53 (R.G.J.) 2,144 Lin. Ft.	77.00	165,088.00	93.00	199,392.00
51	1" Copper Water Service (87) 1,504 Lin. Ft.	84.00	126,336.00	74.00	111,296.00
52	1" Copper Water Service (Special) (4) 112 Lin. Ft.	85.00	9,520.00	111.00	12,432.00
53	1-1/2" Copper Water Service (1) 13 Lin. Ft.	85.50	1,111.50	119.00	1,547.00
54	Hydrants 7 Units	800.00	5,600.00	1,284.00	8,988.00
55	Hydrant West Side 1 Unit	1,225.00	1,225.00	3,155.00	3,155.00
56	Cut and Cap 6" Watermain 1 Unit	2,650.00	2,650.00	425.00	425.00
57	6" Valves 8 Units	150.00	1,200.00	171.00	1,368.00
58	12" Water Main Connection 1 Unit	5,950.00	5,950.00	6,655.00	6,655.00
59	W. Mineral Street Watermain Alteration 1 Unit	2,875.00	2,875.00	2,618.00	2,618.00
60	W. Walker Street Watermain Alteration 1 Unit	8,650.00	8,650.00	9,425.00	9,425.00
61	Adjust Catch Basin Frames 26 Each	300.00	7,800.00	316.00	8,216.00
62	Adjust Storm Manhole Frames 19 Each	300.00	5,700.00	316.00	6,004.00
63	Adjust Sanitary Manhole Frames 10 Each	300.00	3,000.00	316.00	3,160.00
64	Adjust Water Valve Box 17 Each	150.00	2,550.00	150.00	2,550.00
65	Inlet Protection Barriers 60 Units	60.00	3,600.00	76.50	4,590.00
66	Manhole Protection Barriers 29 Units	100.00	2,900.00	84.00	2,436.00
67	Traffic Control 1 Lump Sum	33,000.00	33,000.00	10,120.00	10,120.00
Total			1,750,070.17		1,769,855.65

**STREET CONSTRUCTION, SANITARY SEWER RELAY, STORM SEWER RELAY, S
 WATER MAIN RELAY, BUILDING SERVICES, UTILITY ADJUSTMENTS**

1. South 57th Street from North City Limits to West National Avenue

ITEM	UNITS	Bid Bond 5%		Bid Bond 5%			
		PRICE	TOTAL	PRICE	TOTAL		
		Willkomm Excavating & Grading 17108 County Line Road Union Grove, WI 53182		Globe Contractors, Inc. N50 W23076 Betker Road Pewaukee, WI 53072			
1	Excavation	1,179	Cu. Yds.	20.00	23,580.00	23.60	27,824.40
2	Borrow Excavation	167	Cu. Yds.	6.65	1,110.55	15.00	2,505.00
3	Sodding	3,420	Sq. Yds.	8.60	29,412.00	6.25	21,375.00
4	Asphalt/Concrete Sawing	330	Lin. Ft.	1.75	577.50	2.00	660.00
5	Walk & Drive Removal	24,940	Sq. Ft.	1.10	27,434.00	0.50	12,470.00
6	Curb Removal	80	Lin. Ft.	5.20	416.00	8.00	640.00
7	Pavement Removal	8,740	Sq. Yds.	6.40	55,936.00	3.10	27,094.00
8	5" Concrete Sidewalk	22,360	Sq. Ft.	3.40	76,024.00	3.20	71,552.00
9	7" Concrete Walk & Drive	2,700	Sq. Ft.	4.10	11,070.00	3.90	10,530.00
10	Curb Ramp Detectable Warning Field	136	Sq. Ft.	31.50	4,284.00	30.00	4,080.00
11	31" Concrete Curb and Gutter	4,750	Lin. Ft.	12.00	57,000.00	11.35	53,912.50
12	7" Concrete Pavement	6,930	Sq. Yds.	25.85	179,140.50	24.60	170,478.00
13	8" Concrete Base	980	Sq. Yds.	28.40	27,832.00	27.00	26,460.00
14	Pavement Ties	570	Each	6.30	3,591.00	5.00	2,850.00
15	4" Underdrain, Complete	270	Lin. Ft.	15.30	4,131.00	13.00	3,510.00
16	Base Aggregate Dense, 1-1/4"	2,220	Tons	14.20	31,524.00	12.25	27,195.00
17	Tack Coat	126	Gallons	5.25	661.50	5.00	630.00
18	HMA Pavement (Type E-0.3)	226	Tons	94.50	21,357.00	90.00	20,340.00
19	Trenching	2,201	Lin. Ft.	6.00	13,206.00	4.25	9,354.25
20	21" Dia. Storm Sewer Relay	125	Lin. Ft.	60.30	7,537.50	77.00	9,625.00
21	18" Dia. Storm Sewer Relay	163	Lin. Ft.	58.00	9,454.00	72.00	11,736.00
22	15" Dia. Storm Sewer Relay	40	Lin. Ft.	51.60	2,064.00	65.00	2,600.00
23	15" Dia. Storm Sewer	549	Lin. Ft.	51.60	28,328.40	65.00	35,685.00
24	12" Dia. Storm Sewer	1,127	Lin. Ft.	46.20	52,067.40	63.00	71,001.00
25	6" Dia. Building Storm Sewer (92)	2,721	Lin. Ft.	35.40	96,323.40	66.00	179,586.00
26	4'-0" Dia. Storm Manhole (1)	6	Vert. Ft.	233.00	1,398.00	180.00	1,080.00
27	3'-6" Dia. Storm Manhole (12)	73	Vert. Ft.	220.00	16,060.00	180.00	13,140.00
28	Rebuild 5'-0" Dia. Storm Manhole (1)	6	Vert. Ft.	270.00	1,620.00	270.00	1,620.00
29	Catch Basins	19	Units	1,180.00	22,420.00	1,000.00	19,000.00
30	Catch Basin (Special)	1	Unit	1,450.00	1,450.00	1,800.00	1,800.00
31	Catch Basin Replacements	2	Units	1,310.00	2,620.00	1,800.00	3,600.00
32	Storm Manhole Abandonment	2	Units	340.00	680.00	300.00	600.00
33	Catch Basin Abandonment	8	Units	320.00	2,560.00	300.00	2,400.00
34	Inlet Removal	1	Unit	420.00	420.00	400.00	400.00
35	12" To 15" Storm Connection	1	Unit	500.00	500.00	500.00	500.00
36	Cellular Concrete	5	Cu. Yds.	280.00	1,400.00	150.00	750.00
37	10" Dia. Sanitary Sewer	281	Lin. Ft.	100.00	28,100.00	106.00	29,786.00
38	10" Dia. Sanitary Sewer Relay	263	Lin. Ft.	140.20	36,872.60	106.00	27,878.00
39	8" Dia. Sanitary Sewer	38	Lin. Ft.	121.00	4,598.00	200.00	7,600.00
40	8" Dia. Sanitary Sewer Relay	2,285	Lin. Ft.	109.50	250,207.50	100.00	228,500.00
41	3'-6" Dia. O.D. Sanitary Manhole (3)	47	Vert. Ft.	300.00	14,100.00	240.00	11,280.00
42	3'-6" Dia. Sanitary Manhole (9)	117	Vert. Ft.	174.00	20,358.00	140.00	16,380.00
43	6" Dia. Building Sanitary Sewer (86)	1,898	Lin. Ft.	100.10	189,989.80	100.00	189,800.00
44	6" Dia. Building Sanitary Sewer (Special) (6)	150	Lin. Ft.	122.30	18,345.00	130.00	19,500.00
45	Building Sanitary Sewer Reconnects	4	Units	190.00	760.00	500.00	2,000.00
46	Bulkhead 15" Sanitary	1	Unit	500.00	500.00	500.00	500.00
47	12" To 8" Connection	1	Unit	510.00	510.00	1,000.00	1,000.00
48	Install Internal Sanitary Manhole Seals	13	Units	233.00	3,029.00	200.00	2,600.00
49	Sanitary Manhole Abandonments	2	Units	670.00	1,340.00	400.00	800.00
50	6" D.I.W.M. (Relay), Class 53 (R.G.J.)	2,144	Lin. Ft.	81.00	173,664.00	100.00	214,400.00
51	1" Copper Water Service (87)	1,504	Lin. Ft.	80.30	120,771.20	100.00	150,400.00
52	1" Copper Water Service (Special) (4)	112	Lin. Ft.	147.00	16,464.00	110.00	12,320.00
53	1-1/2" Copper Water Service (1)	13	Lin. Ft.	112.00	1,456.00	122.00	1,586.00
54	Hydrants	7	Units	1,570.00	10,990.00	2,200.00	15,400.00
55	Hydrant West Side	1	Unit	3,730.00	3,730.00	3,400.00	3,400.00
56	Cut and Cap 6" Watermain	1	Unit	330.00	330.00	500.00	500.00
57	6" Valves	8	Units	170.00	1,360.00	500.00	4,000.00
58	12" Water Main Connection	1	Unit	9,120.00	9,120.00	4,000.00	4,000.00
59	W. Mineral Street Watermain Alteration	1	Unit	4,120.00	4,120.00	4,000.00	4,000.00
60	W. Walker Street Watermain Alteration	1	Unit	13,600.00	13,600.00	12,000.00	12,000.00
61	Adjust Catch Basin Frames	26	Each	420.00	10,920.00	400.00	10,400.00
62	Adjust Storm Manhole Frames	19	Each	420.00	7,980.00	400.00	7,600.00
63	Adjust Sanitary Manhole Frames	10	Each	420.00	4,200.00	400.00	4,000.00
64	Adjust Water Valve Box	17	Each	520.00	8,840.00	200.00	3,400.00
65	Inlet Protection Barriers	60	Units	55.00	3,300.00	45.00	2,700.00
66	Manhole Protection Barriers	29	Units	77.00	2,233.00	60.00	1,740.00
67	Traffic Control	1	Lump Sum	2,100.00	2,100.00	9,000.00	9,000.00
Total					1,779,077.85		1,847,053.15