Project Name: 7th Ward Sewer Rehabilitation
IEPA Loan No. L17-5329
Project Number: 2015-07

Bid Date: Tuesday, December 13, 2016

Time: 10:00 A.M.

Fund: Sewer Fund

Organization Code: 79487906
Object Code: 489030

Item No.	Pay Item	QTY	Unit	Engineer's Estimate BGM Engineering 5130 Hickory Point Frontage Road, Suite 2 Decatur, IL 62526 PH: 217-423-8600 H. David Harp dharp@bgmengineering.com		SAK Construction, LLC 864 Hoff Road O'Fallon, MO 63366 PH; 636-385-1034 FAX: 636-385-1100 Boyd Hirtz, V.P. bidcippc@sakcon.com		Insituform Technologies USA, LLC 17988 Edison Ave. Chesterfield, MO 63005 PH: 314-409-5069 FAX: 636-898-5094 Debra Jasper Assistant Secretary Greg Patton gpatton@insituform.com		Kenny Construction Co. 2215 Sanders Road Suite 400 Northbrook, IL 60062 PH: 847-919-8200 FAX: 847-272-5930 Eric J. Rietz, Secretary Kristy Cole kristy.cole@gcinc.com		Layne Inliner, LLC 4520 N. State Road 37 Orleans, IN 47452 PH: 812-865-3232 FAX: 812-865-3075 Denise McClanahan, V.P. denise.mcclanahan@layne.com Linda Andry linda.andry@layne.com		Ric-Man Construction, Inc. 42600 R. Mancini Dr Sterling Heights, MI 48314 PH: 586-739-5210 FAX: None Listed Edward Mancini, V.P. John D'Alessandro jdalessandro@ric-man.com		Michels Pipe Services A Div. of Michels Corporation 817 W Main St Brownsville, WI 53006 PH: 920-924-4300 FAX: 920-924-4323 Patrick Herzog, V.P. pherzog@michels.us Kelsey Schultz, Secretary kschultz@michels.us		Inland Waters Pollution Control, Inc. 4086 Michigan Ave. Detroit, MI 48210 PH: 313-899-3014 FAX: 313-899-3011 Jignesh Madhani, V.P. jmadhani@teamipr.com Michael Irish mirish@teamipr.com		Lanzo Trenchless Technologies North 28135 Groesbeck Highway Roseville, MI 48066 PH: 954-973-9700 FAX: 954-974-3894 Kevin Pawlowski Assist. Secretary Angelo D'Alessandro estimating@lanzo.org	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	MOBILIZATION	1	LSUM	$365,000.00	$365,000.00	$328,000.00	$328,000.00	$310,819.10	$310,819.10	$100,000.00	$100,000.00	$180,000.00	$180,000.00	$245,000.00	$245,000.00	$1,068,082.00	$1,068,082.00	$325,528.00	$325,528.00	$920,000.00	$920,000.00
2	SEWER CLEANING, 60" AND OVER	7,421	FEET	$135.00	$1,001,835.00	$29.00	$215,209.00	$14.50	$107,604.50	$14.00	$103,894.00	$17.00	$126,157.00	$18.00	$133,578.00	$27.00	$200,367.00	$16.00	$118,736.00	$17.00	$126,157.00
3	SEWER CLEANING, 48" TO 60"	10,143	FEET	$85.00	$862,155.00	$26.00	$263,718.00	$12.40	$125,773.20	$12.00	$121,716.00	$15.00	$152,145.00	$18.00	$182,574.00	$20.00	$202,860.00	$14.00	$142,002.00	$14.00	$142,002.00
4	SEWER CLEANING, 54" W X48" H BOX SEWER	39	FEET	$55.00	$2,145.00	$60.00	$2,340.00	$51.80	$2,020.20	$50.00	$1,950.00	$60.00	$2,340.00	$1,220.00	$47,580.00	$25.00	$975.00	$55.00	$2,145.00	$60.00	$2,340.00
5	SEWER CLEANING, LESS THAN 48"	6,013	FEET	$50.00	$300,650.00	$26.00	$156,338.00	$12.40	$74,561.20	$12.00	$72,156.00	$14.00	$84,182.00	$18.00	$108,234.00	$11.00	$66,143.00	$14.00	$84,182.00	$14.00	$84,182.00
6	CURED-IN-PLACE PIPELINER, 84"	1,784	FEET	$680.00	$1,213,120.00	$535.00	$954,440.00	$632.50	$1,128,380.00	$550.00	$981,200.00	$615.00	$1,097,160.00	$605.00	$1,079,320.00	$635.00	$1,132,840.00	$757.00	$1,350,488.00	$755.00	$1,346,920.00
7	CURED-IN-PLACE PIPELINER, 72"	4,090	FEET	$620.00	$2,535,800.00	$389.00	$1,591,010.00	$508.90	$2,081,401.00	$460.00	$1,881,400.00	$510.00	$2,085,900.00	$450.00	$1,840,500.00	$580.00	$2,372,200.00	$714.00	$2,920,260.00	$655.00	$2,678,950.00
8	CURED-IN-PLACE PIPELINER, 66"	40	FEET	$530.00	$21,200.00	$1,336.00	$53,440.00	$945.50	$37,820.00	$2,000.00	$80,000.00	$1,637.00	$65,480.00	$800.00	$32,000.00	$2,000.00	$80,000.00	$2,325.00	$93,000.00	$1,571.00	$62,840.00
9	CURED-IN-PLACE PIPELINER, 60"	1,460	FEET	$435.00	$635,100.00	$250.00	$365,000.00	$329.10	$480,486.00	$375.00	$547,500.00	$419.00	$611,740.00	$390.00	$569,400.00	$500.00	$730,000.00	$543.00	$792,780.00	$525.00	$766,500.00
10	CURED-IN-PLACE PIPELINER, 58"	152	FEET	$425.00	$64,600.00	$250.00	$38,000.00	$284.10	$43,183.20	$350.00	$53,200.00	$605.00	$91,960.00	$360.00	$54,720.00	$490.00	$74,480.00	$552.00	$83,904.00	$481.00	$73,112.00
11	CURED-IN-PLACE PIPELINER, 57"	1,153	FEET	$415.00	$478,495.00	$250.00	$288,250.00	$284.10	$327,567.30	$290.00	$334,370.00	$285.00	$328,605.00	$255.00	$294,015.00	$365.00	$420,845.00	$533.00	$614,549.00	$545.00	$628,385.00
12	CURED-IN-PLACE PIPELINER, 56"	3,018	FEET	$395.00	$1,192,110.00	$250.00	$754,500.00	$234.70	$708,324.60	$295.00	$890,310.00	$314.00	$947,652.00	$295.00	$890,310.00	$360.00	$1,086,480.00	$483.00	$1,457,694.00	$550.00	$1,659,900.00
13	CURED-IN-PLACE PIPELINER, 54"	2,859	FEET	$365.00	$1,043,535.00	$258.00	$737,622.00	$239.20	$683,872.80	$295.00	$843,405.00	$317.00	$906,303.00	$272.00	$777,648.00	$320.00	$914,880.00	$484.00	$1,383,756.00	$545.00	$1,558,155.00
14	CURED-IN-PLACE PIPELINER, 52"	392	FEET	$345.00	$135,240.00	$221.00	$86,632.00	$310.90	$121,872.80	$290.00	$113,680.00	$253.00	$99,176.00	$270.00	$105,840.00	$310.00	$121,520.00	$969.00	$379,848.00	$474.00	$185,808.00
15	CURED-IN-PLACE PIPELINER, 50"	788	FEET	$320.00	$252,160.00	$236.00	$185,968.00	$221.70	$174,699.60	$285.00	$224,580.00	$310.00	$244,280.00	$265.00	$208,820.00	$300.00	$236,400.00	$568.00	$447,584.00	$354.00	$278,952.00
16	CURED-IN-PLACE PIPELINER, 48"	1,781	FEET	$295.00	$525,395.00	$199.00	$354,419.00	$181.90	$323,963.90	$285.00	$507,585.00	$225.00	$400,725.00	$240.00	$427,440.00	$290.00	$516,490.00	$276.00	$491,556.00	$331.00	$589,511.00
17	CURED-IN-PLACE PIPELINER, 46"	1,306	FEET	$285.00	$372,210.00	$161.00	$210,266.00	$177.00	$231,162.00	$250.00	$326,500.00	$204.00	$266,424.00	$235.00	$306,910.00	$285.00	$372,210.00	$272.00	$355,232.00	$311.00	$406,166.00
18	CURED-IN-PLACE PIPELINER, 45"	1,054	FEET	$270.00	$284,580.00	$117.00	$123,318.00	$185.80	$195,833.20	$250.00	$263,500.00	$196.00	$206,584.00	$220.00	$231,880.00	$280.00	$295,120.00	$251.00	$264,554.00	$294.00	$309,876.00
19	CURED-IN-PLACE PIPELINER, 44"	664	FEET	$265.00	$175,960.00	$239.00	$158,696.00	$196.50	$130,476.00	$250.00	$166,000.00	$235.00	$156,040.00	$210.00	$139,440.00	$275.00	$182,600.00	$251.00	$166,664.00	$275.00	$182,600.00
20	CURED-IN-PLACE PIPELINER, 42"	389	FEET	$245.00	$95,305.00	$166.00	$64,574.00	$167.90	$65,313.10	$225.00	$87,525.00	$190.00	$73,910.00	$205.00	$79,745.00	$270.00	$105,030.00	$265.00	$103,085.00	$273.00	$106,197.00
21	CURED-IN-PLACE PIPELINER 40"	424	FEET	$230.00	$97,520.00	$104.00	$44,096.00	$145.10	$61,522.40	$205.00	$86,920.00	$130.00	$55,120.00	$200.00	$84,800.00	$265.00	$112,360.00	$244.00	$103,456.00	$261.00	$110,664.00
22	CURED-IN-PLACE PIPELINER, 39"	644	FEET	$225.00	$144,900.00	$104.00	$66,976.00	$154.90	$99,755.60	$200.00	$128,800.00	$146.00	$94,024.00	$190.00	$122,360.00	$260.00	$167,440.00	$238.00	$153,272.00	$287.00	$184,828.00
23	CURED-IN-PLACE PIPELINER, 38"	74	FEET	$215.00	$15,910.00	$159.00	$11,766.00	$212.30	$15,710.20	$200.00	$14,800.00	$295.00	$21,830.00	$225.00	$16,650.00	$255.00	$18,870.00	$307.00	$22,718.00	$415.00	$30,710.00
24	CURED-IN-PLACE PIPELINER, 37"	78	FEET	$205.00	$15,990.00	$159.00	$12,402.00	$212.30	$16,559.40	$195.00	$15,210.00	$271.00	$21,138.00	$215.00	$16,770.00	$250.00	$19,500.00	$341.00	$26,598.00	$378.00	$29,484.00
25	CURED-IN-PLACE PIPELINER, 36"	32	FEET	$205.00	$6,560.00	$221.00	$7,072.00	$371.10	$11,875.20	$300.00	$9,600.00	$473.00	$15,136.00	$300.00	$9,600.00	$245.00	$7,840.00	$397.00	$12,704.00	$744.00	$23,808.00
26	CURED-IN-PLACE PIPELINER, 34"	432	FEET	$205.00	$88,560.00	$91.00	$39,312.00	$118.60	$51,235.20	$190.00	$82,080.00	$125.00	$54,000.00	$145.00	$62,640.00	$135.00	$58,320.00	$197.00	$85,104.00	$206.00	$88,992.00
27	CURED-IN-PLACE PIPELINER, 30"	71	FEET	$195.00	$13,845.00	$241.00	$17,111.00	$371.10	$26,348.10	$220.00	$15,620.00	$645.00	$45,795.00	$160.00	$11,360.00	$1,050.00	$74,550.00	$293.00	$20,803.00	$515.00	$36,565.00
28	CURED-IN-PLACE PIPELINER, 21"	20	FEET	$135.00	$2,700.00	$241.00	$4,820.00	$360.00	$7,200.00	$165.00	$3,300.00	$518.00	$10,360.00	$230.00	$4,600.00	$820.00	$16,400.00	$480.00	$9,600.00	$606.00	$12,120.00
29	CURED-IN-PLACE PIPELINER, 20"	372	FEET	$135.00	$50,220.00	$81.00	$30,132.00	$63.50	$23,622.00	$135.00	$50,220.00	$110.00	$40,920.00	$105.00	$39,060.00	$60.00	$22,320.00	$133.00	$49,476.00	$184.00	$68,448.00
30	CURED-IN-PLACE PIPELINER, 18"	453	FEET	$115.00	$52,095.00	$33.00	$14,949.00	$38.70	$17,531.10	$130.00	$58,890.00	$61.00	$27,633.00	$90.00	$40,770.00	$150.00	$67,950.00	$140.00	$63,420.00	$156.00	$70,668.00
31	END SEAL, 84"	12	EACH	$4,200.00	$50,400.00	$77.00	$924.00	$1,181.00	$14,172.00	$2,000.00	$24,000.00	$1,446.00	$17,352.00	$2,300.00	$27,600.00	$2,500.00	$30,000.00	$1,250.00	$15,000.00	$1,500.00	$18,000.00
32	END SEAL, 72"	26	EACH	$3,400.00	$88,400.00	$66.00	$1,716.00	$978.90	$25,451.40	$1,300.00	$33,800.00	$1,193.00	$31,018.00	$2,250.00	$58,500.00	$2,500.00	$65,000.00	$1,036.00	$26,936.00	$1,500.00	$39,000.00
33	END SEAL, 66"	2	EACH	$3,050.00	$6,100.00	$60.00	$120.00	$916.80	$1,833.60	$1,300.00	$2,600.00	$1,115.00	$2,230.00	$2,100.00	$4,200.00	$1,500.00	$3,000.00	$971.00	$1,942.00	$1,500.00	$3,000.00
34	END SEAL, 60"	8	EACH	$2,700.00	$21,600.00	$55.00	$440.00	$854.60	$6,836.80	$1,200.00	$9,600.00	$1,051.00	$8,408.00	$1,800.00	$14,400.00	$1,900.00	$15,200.00	$905.00	$7,240.00	$1,500.00	$12,000.00
35	END SEAL, 58"	6	EACH	$2,550.00	$15,300.00	$53.00	$318.00	$833.90	$5,003.40	$1,100.00	$6,600.00	$1,012.00	$6,072.00	$1,775.00	$10,650.00	$1,850.00	$11,100.00	$883.00	$5,298.00	$1,500.00	$9,000.00
36	END SEAL, 57"	4	EACH	$2,400.00	$9,600.00	$52.00	$208.00	$823.60	$3,294.40	$1,000.00	$4,000.00	$933.00	$3,732.00	$1,525.00	$6,100.00	$1,800.00	$7,200.00	$872.00	$3,488.00	$1,500.00	$6,000.00
37	END SEAL, 56"	22	EACH	$2,300.00	$50,600.00	$51.00	$1,122.00	$813.20	$17,890.40	$1,000.00	$22,000.00	$986.00	$21,692.00	$1,500.00	$33,000.00	$1,750.00	$38,500.00	$861.00	$18,942.00	$1,500.00	$33,000.00
38	END SEAL, 54"	12	EACH	$2,250.00	$27,000.00	$49.00	$588.00	$730.30	$8,763.60	$1,000.00	$12,000.00	$894.00	$10,728.00	$1,480.00	$17,760.00	$1,700.00	$20,400.00	$806.00	$9,672.00	$1,500.00	$18,000.00
39	END SEAL, 52"	4	EACH	$2,200.00	$8,800.00	$48.00	$192.00	$761.40	$3,045.60	$1,000.00	$4,000.00	$921.00	$3,684.00	$1,425.00	$5,700.00	$1,650.00	$6,600.00	$806.00	$3,224.00	$1,500.00	$6,000.00
40	END SEAL, 50"	8	EACH	$2,100.00	$16,800.00	$46.00	$368.00	$761.40	$6,091.20	$1,000.00	$8,000.00	$920.00	$7,360.00	$1,400.00	$11,200.00	$1,600.00	$12,800.00	$806.00	$6,448.00	$1,500.00	$12,000.00
41	END SEAL, 48"	14	EACH	$1,600.00	$22,400.00	$44.00	$616.00	$502.40	$7,033.60	$1,000.00	$14,000.00	$610.00	$8,540.00	$1,350.00	$18,900.00	$1,300.00	$18,200.00	$565.00	$7,910.00	$1,500.00	$21,000.00
42	END SEAL, 46"	10	EACH	$1,500.00	$15,000.00	$42.00	$420.00	$533.50	$5,335.00	$700.00	$7,000.00	$635.00	$6,350.00	$1,150.00	$11,500.00	$1,250.00	$12,500.00	$565.00	$5,650.00	$1,500.00	$15,000.00
43	END SEAL, 45"	6	EACH	$1,450.00	$8,700.00	$41.00	$246.00	$533.50	$3,201.00	$700.00	$4,200.00	$635.00	$3,810.00	$1,140.00	$6,840.00	$1,200.00	$7,200.00	$565.00	$3,390.00	$1,500.00	$9,000.00
44	END SEAL, 44"	6	EACH	$1,400.00	$8,400.00	$40.00	$240.00	$533.50	$3,201.00	$700.00	$4,200.00	$635.00	$3,810.00	$1,140.00	$6,840.00	$1,150.00	$6,900.00	$565.00	$3,390.00	$1,500.00	$9,000.00
45	END SEAL, 42"	2	EACH	$1,350.00	$2,700.00	$39.00	$78.00	$450.60	$901.20	$650.00	$1,300.00	$545.00	$1,090.00	$1,100.00	$2,200.00	$1,100.00	$2,200.00	$510.00	$1,020.00	$1,500.00	$3,000.00
46	END SEAL, 40"	2	EACH	$1,300.00	$2,600.00	$37.00	$74.00	$481.70	$963.40	$650.00	$1,300.00	$571.00	$1,142.00	$975.00	$1,950.00	$1,050.00	$2,100.00	$510.00	$1,020.00	$1,500.00	$3,000.00
47	END SEAL, 39"	6	EACH	$1,250.00	$7,500.00	$36.00	$216.00	$481.70	$2,890.20	$650.00	$3,900.00	$571.00	$3,426.00	$975.00	$5,850.00	$1,000.00	$6,000.00	$510.00	$3,060.00	$1,500.00	$9,000.00
48	END SEAL, 38"	2	EACH	$1,200.00	$2,400.00	$35.00	$70.00	$481.70	$963.40	$650.00	$1,300.00	$571.00	$1,142.00	$975.00	$1,950.00	$1,000.00	$2,000.00	$510.00	$1,020.00	$1,500.00	$3,000.00
49	END SEAL, 37"	2	EACH	$1,200.00	$2,400.00	$34.00	$68.00	$481.70	$963.40	$600.00	$1,200.00	$571.00	$1,142.00	$900.00	$1,800.00	$1,000.00	$2,000.00	$510.00	$1,020.00	$1,500.00	$3,000.00
50	END SEAL, 36"	2	EACH	$1,150.00	$2,300.00	$33.00	$66.00	$357.40	$714.80	$600.00	$1,200.00	$428.00	$856.00	$870.00	$1,740.00	$1,000.00	$2,000.00	$412.00	$824.00	$1,500.00	$3,000.00
51	END SEAL, 34"	4	EACH	$1,000.00	$4,000.00	$31.00	$124.00	$388.50	$1,554.00	$475.00	$1,900.00	$454.00	$1,816.00	$825.00	$3,300.00	$1,000.00	$4,000.00	$412.00	$1,648.00	$1,500.00	$6,000.00

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Object Code: 489030

Item No.	Pay Item	QTY	Unit	Engineer's Estimate BGM Engineering 5130 Hickory Point Frontage Road, Suite 2 Decatur, IL 62526 PH: 217-423-8600 H. David Harp dharp@bgmengineering.com		SAK Construction, LLC 864 Hoff Road O'Fallon, MO 63366 PH; 636-385-1034 FAX: 636-385-1100 Boyd Hirtz, V.P. Thrersa Messer bidcippc@sakcon.com		Insituform Technologies USA, LLC 17988 Edison Ave. Chesterfield, MO 63005 PH: 314-409-5069 FAX: 636-898-5094 Debra Jasper Assistant Secretary Greg Patton gpatton@insituform.com		Kenny Construction Co. 2215 Sanders Road Suite 400 Northbrook, IL 60062 PH: 847-919-8200 FAX: 847-272-5930 Eric J. Rietz, Secretary Kristy Cole kristy.cole@gcinc.com		Layne Inliner, LLC 4520 N. State Road 37 Orleans, IN 47452 PH: 812-865-3232 FAX: 812-865-3075 Denise McClanahan, V.P. denise.mcclanahan@layne.com Linda Andry linda.andry@layne.com		Ric-Man Construction, Inc. 42600 R. Mancini Dr Sterling Heights, MI 48314 PH: 586-739-5210 FAX: None Listed Edward Mancini, V.P. John D'Alessandro jdalessandro@ric-man.com		Michels Pipe Services A Div. of Michels Corporation 817 W Main St Brownsville, WI 53006 PH: 920-924-4300 FAX: 920-924-4323 Patrick Herzog, V.P. pherzog@michels.us Kelsey Schultz, Secretary kschultz@michels.us		Inland Waters Pollution Control, Inc. 4086 Michigan Ave. Detroit, MI 48210 PH: 313-899-3014 FAX: 313-899-3011 Jignesh Madhani, V.P. jmadhani@teamipr.com Michael Irish mirish@teamipr.com		Lanzo Trenchless Technologies North 28135 Groesbeck Highway Roseville, MI 48066 PH: 954-973-9700 FAX: 954-974-3894 Kevin Pawlowski Assist. Secretary Angelo D'Alessandro estimating@lanzo.org	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
52	END SEAL, 30"	8	EACH	$950.00	$7,600.00	$28.00	$224.00	$357.40	$2,859.20	$425.00	$3,400.00	$370.00	$2,960.00	$800.00	$6,400.00	$900.00	$7,200.00	$412.00	$3,296.00	$1,500.00	$12,000.00
53	END SEAL, 21"	2	EACH	$800.00	$1,600.00	$20.00	$40.00	$139.80	$279.60	$250.00	$500.00	$155.00	$310.00	$675.00	$1,350.00	$350.00	$700.00	$181.00	$362.00	$1,500.00	$3,000.00
54	END SEAL, 20"	4	EACH	$700.00	$2,800.00	$19.00	$76.00	$170.90	$683.60	$180.00	$720.00	$181.00	$724.00	$625.00	$2,500.00	$500.00	$2,000.00	$181.00	$724.00	$1,500.00	$6,000.00
55	END SEAL, 18"	2	EACH	$600.00	$1,200.00	$17.00	$34.00	$129.50	$259.00	$170.00	$340.00	$143.00	$286.00	$625.00	$1,250.00	$500.00	$1,000.00	$170.00	$340.00	$1,500.00	$3,000.00
56	LATERAL REINSTATEMENT	184	EACH	$300.00	$55,200.00	$25.00	$4,600.00	$243.00	$44,712.00	$400.00	$73,600.00	$550.00	$101,200.00	$240.00	$44,160.00	$525.00	$96,600.00	$37.00	$6,808.00	$337.00	$62,008.00
57	NEW MANHOLE SW-303A	1	LSUM	$40,000.00	$40,000.00	$25,600.00	$25,600.00	$15,849.60	$15,849.60	$28,000.00	$28,000.00	$30,592.00	$30,592.00	$25,800.00	$25,800.00	$9,500.00	$9,500.00	$28,502.00	$28,502.00	$8,277.00	$8,277.00
58	RECONSTRUCT MANHOLE SW-35	1	LSUM	$15,000.00	$15,000.00	$4,700.00	$4,700.00	$7,769.40	$7,769.40	$11,000.00	$11,000.00	$5,616.00	$5,616.00	$23,400.00	$23,400.00	$2,000.00	$2,000.00	$12,881.00	$12,881.00	$8,832.00	$8,832.00
59	RECONSTRUCT MANHOLE SW-52	1	LSUM	$12,000.00	$12,000.00	$24,781.00	$24,781.00	$7,769.40	$7,769.40	$33,000.00	$33,000.00	$29,614.00	$29,614.00	$23,900.00	$23,900.00	$10,000.00	$10,000.00	$21,322.00	$21,322.00	$11,974.00	$11,974.00
60	RECONSTRUCT MANHOLE SW-113	1	LSUM	$15,000.00	$15,000.00	$4,700.00	$4,700.00	$7,769.40	$7,769.40	$13,500.00	$13,500.00	$5,616.00	$5,616.00	$25,800.00	$25,800.00	$1,828.00	$1,828.00	$12,881.00	$12,881.00	$9,769.00	$9,769.00
61	ABANDON MANHOLE 16-98	1	LSUM	$12,000.00	$12,000.00	$750.00	$750.00	$3,315.00	$3,315.00	$5,000.00	$5,000.00	$7,767.00	$7,767.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$11,839.00	$11,839.00	$3,509.00	$3,509.00
62	FIBER REINFORCED PCC SHOTCRETE, 2" (VERTICAL)	3,721	SQ FT	$45.00	$167,445.00	$18.00	$66,978.00	$18.60	$69,210.60	$20.00	$74,420.00	$21.00	$78,141.00	$40.00	$148,840.00	$78.00	$290,238.00	$30.00	$111,630.00	$22.00	$81,862.00
63	FIBER REINFORCED PCC SHOTCRETE, 2" (PIPE)	3,178	SQ FT	$70.00	$222,460.00	$21.00	$66,738.00	$21.40	$68,009.20	$20.00	$63,560.00	$24.00	$76,272.00	$43.00	$136,654.00	$182.00	$578,396.00	$30.00	$95,340.00	$25.00	$79,450.00
64	STRUCTURE NO. 1	1	LSUM	$3,000.00	$3,000.00	$500.00	$500.00	$518.00	$518.00	$8,200.00	$8,200.00	$597.00	$597.00	$9,200.00	$9,200.00	$15,565.00	$15,565.00	$1,628.00	$1,628.00	$15,154.00	$15,154.00
65	STRUCTURE NO. 2	1	LSUM	$7,000.00	$7,000.00	$800.00	$800.00	$828.70	$828.70	$8,200.00	$8,200.00	$956.00	$956.00	$9,050.00	$9,050.00	$17,130.00	$17,130.00	$1,628.00	$1,628.00	$18,300.00	$18,300.00
66	STRUCTURE NO. 3	1	LSUM	$12,000.00	$12,000.00	$2,312.00	$2,312.00	$2,395.10	$2,395.10	$8,200.00	$8,200.00	$2,762.00	$2,762.00	$16,000.00	$16,000.00	$21,000.00	$21,000.00	$1,628.00	$1,628.00	$10,073.00	$10,073.00
67	STRUCTURE NO. 4	1	LSUM	$35,000.00	$35,000.00	$2,370.00	$2,370.00	$2,455.10	$2,455.10	$8,200.00	$8,200.00	$2,832.00	$2,832.00	$12,000.00	$12,000.00	$36,500.00	$36,500.00	$1,628.00	$1,628.00	$22,142.00	$22,142.00
68	STRUCTURE NO. 5	1	LSUM	$6,000.00	$6,000.00	$1,965.00	$1,965.00	$2,035.60	$2,035.60	$8,200.00	$8,200.00	$2,348.00	$2,348.00	$10,000.00	$10,000.00	$12,500.00	$12,500.00	$1,628.00	$1,628.00	$14,873.00	$14,873.00
69	STRUCTURE NO. 6	1	LSUM	$25,000.00	$25,000.00	$2,455.00	$2,455.00	$2,543.20	$2,543.20	$8,200.00	$8,200.00	$2,933.00	$2,933.00	$12,000.00	$12,000.00	$17,608.00	$17,608.00	$1,628.00	$1,628.00	$10,617.00	$10,617.00
70	STRUCTURE NO. 7	1	LSUM	$15,000.00	$15,000.00	$1,500.00	$1,500.00	$1,553.90	$1,553.90	$11,000.00	$11,000.00	$1,792.00	$1,792.00	$14,000.00	$14,000.00	$17,608.00	$17,608.00	$1,689.00	$1,689.00	$10,285.00	$10,285.00
71	STRUCTURE NO. 8	1	LSUM	$3,000.00	$3,000.00	$300.00	$300.00	$310.80	$310.80	$8,200.00	$8,200.00	$358.00	$358.00	$6,000.00	$6,000.00	$13,520.00	$13,520.00	$1,628.00	$1,628.00	$14,822.00	$14,822.00
72	STRUCTURE NO. 9	1	LSUM	$5,000.00	$5,000.00	$2,000.00	$2,000.00	$2,071.80	$2,071.80	$5,900.00	$5,900.00	$2,390.00	$2,390.00	$5,800.00	$5,800.00	$980.00	$980.00	$1,689.00	$1,689.00	$10,900.00	$10,900.00
73	STRUCTURE NO. 10	1	LSUM	$5,000.00	$5,000.00	$2,000.00	$2,000.00	$2,071.80	$2,071.80	$5,900.00	$5,900.00	$2,390.00	$2,390.00	$6,000.00	$6,000.00	$1,045.00	$1,045.00	$4,703.00	$4,703.00	$12,402.00	$12,402.00
74	STRUCTURE NO. 11	1	LSUM	$35,000.00	$35,000.00	$2,480.00	$2,480.00	$2,569.10	$2,569.10	$8,200.00	$8,200.00	$2,963.00	$2,963.00	$13,500.00	$13,500.00	$36,450.00	$36,450.00	$1,689.00	$1,689.00	$27,830.00	$27,830.00
75	STRUCTURE NO. 12	1	LSUM	$40,000.00	$40,000.00	$3,334.00	$3,334.00	$3,453.80	$3,453.80	$8,200.00	$8,200.00	$3,984.00	$3,984.00	$10,000.00	$10,000.00	$44,500.00	$44,500.00	$1,628.00	$1,628.00	$31,822.00	$31,822.00
76	STRUCTURE NO. 13	1	LSUM	$3,000.00	$3,000.00	$800.00	$800.00	$828.70	$828.70	$8,200.00	$8,200.00	$956.00	$956.00	$7,700.00	$7,700.00	$14,500.00	$14,500.00	$1,628.00	$1,628.00	$22,626.00	$22,626.00
77	STRUCTURE NO. 14	1	LSUM	$2,000.00	$2,000.00	$1,920.00	$1,920.00	$1,989.00	$1,989.00	$8,200.00	$8,200.00	$2,295.00	$2,295.00	$7,100.00	$7,100.00	$12,500.00	$12,500.00	$1,689.00	$1,689.00	$8,772.00	$8,772.00
78	STRUCTURE NO. 15	1	LSUM	$500.00	$500.00	$10.00	$10.00	$1.00	$1.00	$8,200.00	$8,200.00	$2,295.00	$2,295.00	$695.00	$695.00	$1,800.00	$1,800.00	$1,689.00	$1,689.00	$11,041.00	$11,041.00
79	STRUCTURE NO. 16	1	LSUM	$3,000.00	$3,000.00	$2,200.00	$2,200.00	$2,279.00	$2,279.00	$8,200.00	$8,200.00	$2,629.00	$2,629.00	$11,500.00	$11,500.00	$19,000.00	$19,000.00	$1,689.00	$1,689.00	$15,064.00	$15,064.00
80	STRUCTURE NO. 17	1	LSUM	$7,000.00	$7,000.00	$3,115.00	$3,115.00	$3,225.60	$3,225.60	$8,200.00	$8,200.00	$3,721.00	$3,721.00	$3,500.00	$3,500.00	$12,500.00	$12,500.00	$1,327.00	$1,327.00	$6,231.00	$6,231.00
81	MANHOLE SW-06	1	LSUM	$2,000.00	$2,000.00	$500.00	$500.00	$518.00	$518.00	$8,200.00	$8,200.00	$597.00	$597.00	$3,500.00	$3,500.00	$18,000.00	$18,000.00	$3,015.00	$3,015.00	$2,420.00	$2,420.00
82	MANHOLE SW-07	1	LSUM	$3,000.00	$3,000.00	$400.00	$400.00	$414.40	$414.40	$8,200.00	$8,200.00	$478.00	$478.00	$7,500.00	$7,500.00	$6,500.00	$6,500.00	$1,628.00	$1,628.00	$2,420.00	$2,420.00
83	MANHOLE SW-12	1	LSUM	$3,000.00	$3,000.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$7,700.00	$7,700.00	$6,500.00	$6,500.00	$1,689.00	$1,689.00	$2,420.00	$2,420.00
84	MANHOLE SW-13	1	LSUM	$3,000.00	$3,000.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$7,800.00	$7,800.00	$6,500.00	$6,500.00	$1,447.00	$1,447.00	$3,630.00	$3,630.00
85	MANHOLE SW-20	1	LSUM	$2,000.00	$2,000.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$3,500.00	$3,500.00	$15,500.00	$15,500.00	$1,327.00	$1,327.00	$3,025.00	$3,025.00
86	MANHOLE SW-24	1	LSUM	$3,000.00	$3,000.00	$500.00	$500.00	$518.00	$518.00	$8,200.00	$8,200.00	$597.00	$597.00	$3,600.00	$3,600.00	$21,500.00	$21,500.00	$1,327.00	$1,327.00	$1,815.00	$1,815.00
87	MANHOLE SW-25	1	LSUM	$2,000.00	$2,000.00	$400.00	$400.00	$414.40	$414.40	$8,200.00	$8,200.00	$478.00	$478.00	$8,800.00	$8,800.00	$13,500.00	$13,500.00	$1,447.00	$1,447.00	$2,420.00	$2,420.00
88	MANHOLE SW-26	1	LSUM	$3,000.00	$3,000.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,700.00	$8,700.00	$7,800.00	$7,800.00	$1,508.00	$1,508.00	$3,146.00	$3,146.00
89	MANHOLE SW-28	1	LSUM	$2,000.00	$2,000.00	$700.00	$700.00	$725.10	$725.10	$8,200.00	$8,200.00	$836.00	$836.00	$9,700.00	$9,700.00	$14,500.00	$14,500.00	$1,447.00	$1,447.00	$3,570.00	$3,570.00
90	MANHOLE SW-33	1	LSUM	$1,500.00	$1,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,900.00	$8,900.00	$18,750.00	$18,750.00	$1,447.00	$1,447.00	$4,235.00	$4,235.00
91	MANHOLE SW-38	1	LSUM	$1,500.00	$1,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,900.00	$8,900.00	$14,500.00	$14,500.00	$1,447.00	$1,447.00	$4,235.00	$4,235.00
92	MANHOLE SW-39	1	LSUM	$1,500.00	$1,500.00	$500.00	$500.00	$518.00	$518.00	$8,200.00	$8,200.00	$597.00	$597.00	$9,100.00	$9,100.00	$12,900.00	$12,900.00	$1,327.00	$1,327.00	$2,420.00	$2,420.00
93	MANHOLE SW-40	1	LSUM	$1,500.00	$1,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,700.00	$8,700.00	$14,500.00	$14,500.00	$1,447.00	$1,447.00	$4,235.00	$4,235.00
94	MANHOLE SW-41	1	LSUM	$1,500.00	$1,500.00	$300.00	$300.00	$310.80	$310.80	$8,200.00	$8,200.00	$358.00	$358.00	$8,100.00	$8,100.00	$7,800.00	$7,800.00	$1,327.00	$1,327.00	$1,694.00	$1,694.00
95	MANHOLE SW-42	1	LSUM	$1,500.00	$1,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,300.00	$8,300.00	$15,000.00	$15,000.00	$1,447.00	$1,447.00	$3,509.00	$3,509.00
96	MANHOLE SW-44	1	LSUM	$1,500.00	$1,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,500.00	$8,500.00	$3,600.00	$3,600.00	$1,447.00	$1,447.00	$1,452.00	$1,452.00
97	MANHOLE SW-51	1	LSUM	$2,000.00	$2,000.00	$1,000.00	$1,000.00	$1,035.90	$1,035.90	$8,200.00	$8,200.00	$1,195.00	$1,195.00	$8,800.00	$8,800.00	$14,500.00	$14,500.00	$1,568.00	$1,568.00	$5,566.00	$5,566.00
98	MANHOLE SW-52	1	LSUM	$2,500.00	$2,500.00	$800.00	$800.00	$828.70	$828.70	$8,200.00	$8,200.00	$956.00	$956.00	$8,900.00	$8,900.00	$14,500.00	$14,500.00	$1,447.00	$1,447.00	$5,445.00	$5,445.00
99	MANHOLE SW-58	1	LSUM	$1,500.00	$1,500.00	$800.00	$800.00	$828.70	$828.70	$8,200.00	$8,200.00	$956.00	$956.00	$8,300.00	$8,300.00	$7,800.00	$7,800.00	$1,447.00	$1,447.00	$4,325.00	$4,325.00
100	MANHOLE SW-103	1	LSUM	$1,500.00	$1,500.00	$300.00	$300.00	$310.80	$310.80	$8,200.00	$8,200.00	$358.00	$358.00	$8,000.00	$8,000.00	$3,600.00	$3,600.00	$1,327.00	$1,327.00	$3,025.00	$3,025.00
101	MANHOLE SW-203	1	LSUM	$2,500.00	$2,500.00	$500.00	$500.00	$518.00	$518.00	$8,200.00	$8,200.00	$597.00	$597.00	$8,100.00	$8,100.00	$18,850.00	$18,850.00	$1,327.00	$1,327.00	$3,630.00	$3,630.00
102	MANHOLE SW-204	1	LSUM	$2,000.00	$2,000.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,800.00	$8,800.00	$7,800.00	$7,800.00	$1,447.00	$1,447.00	$3,025.00	$3,025.00

Project Name: 7th Ward Sewer Rehabilitation
IEPA Loan No. L17-5329
Project Number: 2015-07

Bid Date: Tuesday, December 13, 2016

Time: 10:00 A.M.

Fund: Sewer Fund

Organization Code: 79487906
Object Code: 489030

Item No.	Pay Item	QTY	Unit	Engineer's Estimate BGM Engineering 5130 Hickory Point Frontage Road, Suite 2 Decatur, IL 62526 PH: 217-423-8600 H. David Harp dharp@bgmengineering.com		SAK Construction, LLC 864 Hoff Road O'Fallon, MO 63366 PH; 636-385-1034 FAX: 636-385-1100 Boyd Hirtz, V.P. Thrersa Messer bidcippc@sakcon.com		Insituform Technologies USA, LLC 17988 Edison Ave. Chesterfield, MO 63005 PH: 314-409-5069 FAX: 636-898-5094 Debra Jasper Assistant Secretary Greg Patton gpatton@insituform.com		Kenny Construction Co. 2215 Sanders Road Suite 400 Northbrook, IL 60062 PH: 847-919-8200 FAX: 847-272-5930 Eric J. Rietz, Secretary Kristy Cole kristy.cole@qcinc.com		Layne Inliner, LLC 4520 N. State Road 37 Orleans, IN 47452 PH: 812-865-3232 FAX: 812-865-3075 Denise McClanahan, V.P. denise.mcclanahan@layne.com Linda Andry linda.andry@layne.com		Ric-Man Construction, Inc. 42600 R. Mancini Dr Sterling Heights, MI 48314 PH: 586-739-5210 FAX: None Listed Edward Mancini, V.P. John D'Alessandro jdalessandro@ric-man.com		Michels Pipe Services A Div. of Michels Corporation 817 W Main St Brownsville, WI 53006 PH: 920-924-4300 FAX: 920-924-4323 Patrick Herzog, V.P. pherzog@michels.us Kelsey Schultz, Secretary kschultz@michels.us		Inland Waters Pollution Control, Inc. 4086 Michigan Ave. Detroit, MI 48210 PH: 313-899-3014 FAX: 313-899-3011 Jignesh Madhani, V.P. jmadhani@teamipr.com Michael Irish mirish@teamipr.com		Lanzo Trenchless Technologies North 28135 Groesbeck Highway Roseville, MI 48066 PH: 954-973-9700 FAX: 954-974-3894 Kevin Pawlowski Assist. Secretary Angelo D'Alessandro estimating@lanzo.org	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
103	MANHOLE SW-304	1	LSUM	$2,500.00	$2,500.00	$600.00	$600.00	$621.60	$621.60	$8,200.00	$8,200.00	$717.00	$717.00	$8,300.00	$8,300.00	$7,800.00	$7,800.00	$1,447.00	$1,447.00	$4,235.00	$4,235.00
104	MANHOLE U-26	1	LSUM	$15,000.00	$15,000.00	$1,200.00	$1,200.00	$1,243.10	$1,243.10	$8,200.00	$8,200.00	$1,434.00	$1,434.00	$5,200.00	$5,200.00	$2,200.00	$2,200.00	$1,689.00	$1,689.00	$4,235.00	$4,235.00
105	SPOT GROUTING	2	EACH	$5,000.00	$10,000.00	$1,500.00	$3,000.00	$1,533.20	$3,066.40	$20,000.00	$40,000.00	$7,767.00	$15,534.00	$1,800.00	$3,600.00	$3,635.00	$7,270.00	$2,303.00	$4,606.00	$6,050.00	$12,100.00
106	SPOT REPAIR	1	EACH	$7,000.00	$7,000.00	$1,500.00	$1,500.00	$4,599.50	$4,599.50	$20,000.00	$20,000.00	$7,767.00	$7,767.00	$2,100.00	$2,100.00	$8,825.00	$8,825.00	$3,015.00	$3,015.00	$1,815.00	$1,815.00
107	PIPE CONNECTIN REPAIR, OVER 12"	1	EACH	$6,000.00	$6,000.00	$1,500.00	$1,500.00	$6,132.70	$6,132.70	$5,000.00	$5,000.00	$4,182.00	$4,182.00	$3,100.00	$3,100.00	$2,420.00	$2,420.00	$6,578.00	$6,578.00	$1,815.00	$1,815.00
108	LID REPLACEMENT	2	EACH	$500.00	$1,000.00	$600.00	$1,200.00	$1,346.70	$2,693.40	$500.00	$1,000.00	$717.00	$1,434.00	$350.00	$700.00	$605.00	$1,210.00	$713.00	$1,426.00	$329.00	$658.00
109	CASTING AND LID REPLACEMENT	5	EACH	$2,000.00	$10,000.00	$800.00	$4,000.00	$1,553.90	$7,769.50	$1,200.00	$6,000.00	$956.00	$4,780.00	$1,300.00	$6,500.00	$1,040.00	$5,200.00	$2,028.00	$10,140.00	$1,452.00	$7,260.00
110	CASTING AND LID REPLACEMENT (PAVEMENT)	14	EACH	$3,000.00	$42,000.00	$1,800.00	$25,200.00	$2,071.80	$29,005.20	$1,800.00	$25,200.00	$2,151.00	$30,114.00	$2,300.00	$32,200.00	$2,350.00	$32,900.00	$2,741.00	$38,374.00	$2,420.00	$33,880.00
111	MANHOLE ADJUSTMENT	4	EACH	$6,000.00	$24,000.00	$500.00	$2,000.00	$828.70	$3,314.80	$1,500.00	$6,000.00	$597.00	$2,388.00	$1,200.00	$4,800.00	$435.00	$1,740.00	$757.00	$3,028.00	$847.00	$3,388.00
112	TELEVISING, PRE-REHABILITATION	23,616	FEET	$1.25	$29,520.00	$2.00	$47,232.00	$2.10	$49,593.60	$2.00	$47,232.00	$2.25	$53,136.00	$2.50	$59,040.00	$5.00	$118,080.00	$3.00	$70,848.00	$2.40	$56,678.40
113	TELEVISING, POST-REHABILITATION	23,616	FEET	$1.25	$29,520.00	$2.00	$47,232.00	$1.00	$23,616.00	$2.00	$47,232.00	$2.25	$53,136.00	$2.50	$59,040.00	$5.00	$118,080.00	$3.00	$70,848.00	$3.30	$77,932.80
114	ABANDON SEWERS, 18"	45	FEET	$200.00	$9,000.00	$50.00	$2,250.00	$80.80	$3,636.00	$125.00	$5,625.00	$36.00	$1,620.00	$102.00	$4,590.00	$11.00	$495.00	$116.00	$5,220.00	$60.00	$2,700.00
115	SANITARY SEWERS WITH CLSM, 18" DIA., 8' TO 12' DEPTH	50	FEET	$250.00	$12,500.00	$250.00	$12,500.00	$124.30	$6,215.00	$250.00	$12,500.00	$299.00	$14,950.00	$425.00	$21,250.00	$385.00	$19,250.00	$466.00	$23,300.00	$605.00	$30,250.00
116	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	90	TON	$250.00	$22,500.00	$225.00	$20,250.00	$60.10	$5,409.00	$209.00	$18,810.00	$268.00	$24,120.00	$190.00	$17,100.00	$67.00	$6,030.00	$120.00	$10,800.00	$304.00	$27,360.00
117	BITUMINOUS MATERIALS (TACK COAT)	304	LBS	$5.00	$1,520.00	$3.00	$912.00	$8.30	$2,523.20	$3.00	$912.00	$3.60	$1,094.40	$21.00	$6,384.00	$6.00	$1,824.00	$7.00	$2,128.00	$3.30	$1,003.20
118	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	675	SQ YD	$20.00	$13,500.00	$6.00	$4,050.00	$10.40	$7,020.00	$20.00	$13,500.00	$7.00	$4,725.00	$8.00	$5,400.00	$7.00	$4,725.00	$75.00	$50,625.00	$29.00	$19,575.00
119	CLASS B PATCHES, SPECIAL	608	SQ YD	$120.00	$72,960.00	$63.00	$38,304.00	$38.30	$23,286.40	$205.00	$124,640.00	$76.00	$46,208.00	$40.00	$24,320.00	$17.00	$10,336.00	$97.00	$58,976.00	$272.00	$165,376.00
120	PAVEMENT PATCHING, SPECIAL	43	SQ YD	$110.00	$4,730.00	$85.00	$3,655.00	$43.50	$1,870.50	$420.00	$18,060.00	$30.00	$1,290.00	$60.00	$2,580.00	$19.00	$817.00	$104.00	$4,472.00	$393.00	$16,899.00
121	COMBINATION CURB AND GUTTER REMOVAL	10	FEET	$25.00	$250.00	$16.00	$160.00	$16.60	$166.00	$20.00	$200.00	$20.00	$200.00	$36.00	$360.00	$92.00	$920.00	$247.00	$2,470.00	$121.00	$1,210.00
122	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	10	FEET	$150.00	$1,500.00	$120.00	$1,200.00	$53.90	$539.00	$74.00	$740.00	$144.00	$1,440.00	$48.00	$480.00	$37.00	$370.00	$318.00	$3,180.00	$230.00	$2,300.00
123	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	50	SQ FT	$10.00	$500.00	$12.00	$600.00	$16.60	$830.00	$15.00	$750.00	$15.00	$750.00	$12.00	$600.00	$13.00	$650.00	$214.00	$10,700.00	$32.00	$1,600.00
124	SIDEWALK REMOVAL	50	SQ FT	$5.00	$250.00	$3.00	$150.00	$16.60	$830.00	$10.00	$500.00	$3.60	$180.00	$18.00	$900.00	$4.00	$200.00	$105.00	$5,250.00	$12.00	$600.00
125	STORM SEWERS, WM QUALITY PIPE, TYPE 2, 15" DIA.	41	FEET	$110.00	$4,510.00	$175.00	$7,175.00	$139.80	$5,731.80	$158.00	$6,478.00	$210.00	$8,610.00	$90.00	$3,690.00	$120.00	$4,920.00	$406.00	$16,646.00	$424.00	$17,384.00
126	STORM SEWERS, WM QUALITY PIPE, TYPE 2, 12" DIA.	74	FEET	$90.00	$6,660.00	$160.00	$11,840.00	$129.50	$9,583.00	$152.00	$11,248.00	$200.00	$14,800.00	$85.00	$6,290.00	$101.00	$7,474.00	$375.00	$27,750.00	$399.00	$29,526.00
127	STORM SEWERS, WM QUALITY PIPE, TYPE 2, 10" DIA.	88	FEET	$80.00	$7,040.00	$145.00	$12,760.00	$124.30	$10,938.40	$146.00	$12,848.00	$174.00	$15,312.00	$77.00	$6,776.00	$97.00	$8,536.00	$326.00	$28,688.00	$375.00	$33,000.00
128	STORM SEWER REMOVAL, 15"	41	FEET	$20.00	$820.00	$18.00	$738.00	$46.60	$1,910.60	$15.00	$615.00	$22.00	$902.00	$45.00	$1,845.00	$28.00	$1,148.00	$108.00	$4,428.00	$84.00	$3,444.00
129	STORM SEWER REMOVAL, 12"	74	FEET	$20.00	$1,480.00	$18.00	$1,332.00	$46.60	$3,448.40	$15.00	$1,110.00	$22.00	$1,628.00	$45.00	$3,330.00	$24.00	$1,776.00	$97.00	$7,178.00	$72.00	$5,328.00
130	STORM SEWER REMOVAL, 10"	88	FEET	$20.00	$1,760.00	$18.00	$1,584.00	$46.60	$4,100.80	$15.00	$1,320.00	$22.00	$1,936.00	$42.00	$3,696.00	$21.00	$1,848.00	$86.00	$7,568.00	$60.00	$5,280.00
131	RESTRAINED JOINT WATER MAINS, 6" WITH CLSM	142	FEET	$150.00	$21,300.00	$120.00	$17,040.00	$174.00	$24,708.00	$87.00	$12,354.00	$420.00	$59,640.00	$115.00	$16,330.00	$250.00	$35,500.00	$460.00	$65,320.00	$242.00	$34,364.00
132	RESTRAINED JOINT FITTINGS, 6" 45-ELBOW	8	EACH	$2,000.00	$16,000.00	$550.00	$4,400.00	$124.30	$994.40	$465.00	$3,720.00	$660.00	$5,280.00	$1,150.00	$9,200.00	$565.00	$4,520.00	$286.00	$2,288.00	$817.00	$6,536.00
133	RESTRAINED JOINT FITTINGS, 6" TEE	1	EACH	$2,500.00	$2,500.00	$550.00	$550.00	$186.50	$186.50	$495.00	$495.00	$660.00	$660.00	$1,275.00	$1,275.00	$670.00	$670.00	$452.00	$452.00	$907.00	$907.00
134	WATER MAIN CAPS, 6"	4	EACH	$1,200.00	$4,800.00	$300.00	$1,200.00	$103.60	$414.40	$425.00	$1,700.00	$360.00	$1,440.00	$620.00	$2,480.00	$305.00	$1,220.00	$218.00	$872.00	$484.00	$1,936.00
135	RESTRAINED JOINT GATE VALVES, 6"	5	EACH	$4,000.00	$20,000.00	$1,200.00	$6,000.00	$2,589.80	$12,949.00	$1,800.00	$9,000.00	$1,440.00	$7,200.00	$4,700.00	$23,500.00	$3,365.00	$16,825.00	$1,095.00	$5,475.00	$2,057.00	$10,285.00
136	CONNECTION TO EXISTING WATER MAIN, 6"	5	EACH	$3,500.00	$17,500.00	$400.00	$2,000.00	$518.00	$2,590.00	$2,000.00	$10,000.00	$478.00	$2,390.00	$3,100.00	$15,500.00	$780.00	$3,900.00	$576.00	$2,880.00	$2,420.00	$12,100.00
137	TRAFFIC CONTROL COMPLETE	1	LSUM	$75,000.00	$75,000.00	$20,000.00	$20,000.00	$40,133.10	$40,133.10	$19,000.00	$19,000.00	$65,000.00	$65,000.00	$22,000.00	$22,000.00	$69,214.00	$69,214.00	$126,563.00	$126,563.00	$150,000.00	$150,000.00
138	ALLOWANCE FOR RAILROAD EXPENSES	1	LSUM	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00	$10,000.00
139	MANHOLE SW-27	1	LSUM	$4,000.00	$4,000.00	$600.00	$600.00	$621.60	$621.60	$6,500.00	$6,500.00	$717.00	$717.00	$42,500.00	$42,500.00	$16,875.00	$16,875.00	$16,443.00	$16,443.00	$4,560.00	$4,560.00
	TOTAL BIDS (AS CORRECTED)				$13,731,320.00		$7,746,486.00		$8,391,660.20		$9,475,740.00		$9,517,305.40		$9,622,799.00		$13,118,308.00		$13,334,539.00		$14,426,657.40
	Percent Over Under ENGINEER'S ESTIMATE						-43.59%		-38.89%		-30.99%		-30.69%		-29.92%		-4.46%		-2.89%		5.06%

Matthew C. Newell, P.E., City Engineer

1-3-17
Date