HANCOCK ENGINEERING
Civil Engineers ◆ Municipal Consultants ◆ Established 1911

BID DATE & TIME, MARCH 04, 2020
PROJECT - SCHILLER PARK WATER MAIN IMPROVEMENTS
ENGINEERS ESTIMATE - $1,355,108.75

				Engineers Estimate of Construction Cost		Cerniglia Contractors, Inc.		Mauro Sewer Construction, Inc.		Chicago Area Plumbing, Inc.		Acqua Contractors Corp.		John Neri Construction, Inc.		Gerardi Sewer Water & Co, Inc.	
No.	Items	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	12" Dia Ductile Iron Pipe, Class 52, Watermain	Foot	10	120.00	$ 1,200.00	150.00	$ 1,500.00	125.00	$ 1,250.00	150.00	$ 1,500.00	150.00	$ 1,500.00	125.00	$ 1,250.00	200.00	$ 2,000.00
2	8" Dia Ductile Iron Pipe, Class 52, Watermain	Foot	4100	107.00	438,700.00	60.00	246,000.00	87.00	356,700.00	90.00	369,000.00	95.00	389,500.00	96.00	393,600.00	100.00	410,000.00
3	6" Dia Ductile Iron Pipe, Class 52, Watermain	Foot	300	98.00	29,400.00	52.00	15,600.00	67.00	20,100.00	80.00	24,000.00	125.00	37,500.00	85.00	25,500.00	80.00	24,000.00
4	8" Gate Valve, 48" Diameter Vault, Typ, Frame & Lid	Each	9	4,497.50	40,477.50	6,500.00	58,500.00	4,450.00	40,050.00	3,000.00	27,000.00	5,000.00	45,000.00	5,200.00	46,800.00	3,500.00	31,500.00
5	6" Gate Valve, 48" Diameter Vault, Typ, Frame & Lid	Each	1	4,497.50	4,497.50	6,400.00	6,400.00	4,350.00	4,350.00	2,500.00	2,500.00	4,600.00	4,600.00	4,800.00	4,800.00	3,100.00	3,100.00
6	Fire Hydrant w/Auxiliary Valve & Box	Each	13	6,403.75	83,248.75	9,000.00	117,000.00	5,550.00	72,150.00	7,500.00	97,500.00	4,500.00	58,500.00	6,200.00	80,600.00	7,500.00	97,500.00
7	Ductile Iron Fittings	Lbs	4000	5.00	20,000.00	1.00	4,000.00	4.25	17,000.00	0.01	40.00	0.10	400.00	0.01	40.00	2.00	8,000.00
8	Short Water Service And Box, 1"	Each	70	1,650.00	115,500.00	2,000.00	140,000.00	1,600.00	112,000.00	1,800.00	126,000.00	1,400.00	98,000.00	1,600.00	112,000.00	1,650.00	115,500.00
9	Long Water Service And Box, 1"	Each	60	2,400.00	144,000.00	2,100.00	126,000.00	2,575.00	154,500.00	2,500.00	150,000.00	2,250.00	135,000.00	2,100.00	126,000.00	2,400.00	144,000.00
10	Long Water Service And Box, 1-1/2"	Each	4	2,600.00	10,400.00	2,000.00	8,000.00	3,550.00	14,200.00	3,000.00	12,000.00	3,500.00	14,000.00	3,200.00	12,800.00	3,550.00	14,200.00
11	Connection At Irving Park Road And Grace Street	Each	1	7,500.00	7,500.00	13,500.00	13,500.00	5,950.00	5,950.00	3,000.00	3,000.00	8,500.00	8,500.00	4,200.00	4,200.00	6,000.00	6,000.00
12	Connection at Grace Street (Address #4200)	Each	1	6,500.00	6,500.00	12,000.00	12,000.00	3,950.00	3,950.00	3,000.00	3,000.00	5,500.00	5,500.00	2,800.00	2,800.00	6,000.00	6,000.00
13	Connection at Grace Street and Montrose Avenue	Each	1	6,500.00	6,500.00	12,000.00	12,000.00	5,950.00	5,950.00	3,000.00	3,000.00	5,500.00	5,500.00	3,200.00	3,200.00	6,000.00	6,000.00
14	Connection at Grace Street and Eastwood Avenue	Each	1	6,500.00	6,500.00	12,000.00	12,000.00	5,950.00	5,950.00	3,000.00	3,000.00	5,500.00	5,500.00	3,800.00	3,800.00	6,000.00	6,000.00
15	Connection at Grace Street and Lawrence Court	Each	1	6,500.00	6,500.00	15,000.00	15,000.00	3,950.00	3,950.00	3,000.00	3,000.00	5,500.00	5,500.00	3,500.00	3,500.00	6,000.00	6,000.00
16	Disconnection at Grace Street and Irving Park Road	Each	1	1,500.00	1,500.00	5,000.00	5,000.00	1,000.00	1,000.00	1,500.00	1,500.00	3,000.00	3,000.00	1,500.00	1,500.00	500.00	500.00
17	Disconnection at Grace Street (ADDRESS #4200)	Each	1	1,500.00	1,500.00	5,000.00	5,000.00	1,000.00	1,000.00	1,500.00	1,500.00	2,000.00	2,000.00	1,200.00	1,200.00	500.00	500.00
18	Disconnection at Grace Street and Montrose Avenue	Each	1	1,500.00	1,500.00	5,000.00	5,000.00	1,000.00	1,000.00	1,500.00	1,500.00	2,000.00	2,000.00	1,500.00	1,500.00	500.00	500.00
19	Disconnection at Grace Street and Eastwood Avenue	Each	1	1,500.00	1,500.00	5,000.00	5,000.00	1,000.00	1,000.00	1,500.00	1,500.00	2,000.00	2,000.00	1,500.00	1,500.00	500.00	500.00
20	Disconnection at Grace Street and Lawrence Court	Each	1	1,500.00	1,500.00	5,000.00	5,000.00	1,450.00	1,450.00	1,500.00	1,500.00	2,000.00	2,000.00	1,500.00	1,500.00	500.00	500.00
21	Fire Hydrant to be Removed	Each	12	700.00	8,400.00	2,000.00	24,000.00	425.00	5,100.00	100.00	1,200.00	250.00	3,000.00	800.00	9,600.00	600.00	7,200.00
22	Structure to be Abandonded	Each	8	400.00	3,200.00	1,100.00	8,800.00	225.00	1,800.00	100.00	800.00	250.00	2,000.00	300.00	2,400.00	275.00	2,200.00
23	Structure to be Removed	Each	1	620.00	620.00	1,000.00	1,000.00	450.00	450.00	100.00	100.00	250.00	250.00	500.00	500.00	375.00	375.00
24	Valve Box To be Removed	Each	4	300.00	1,200.00	1,000.00	4,000.00	250.00	1,000.00	100.00	400.00	150.00	600.00	200.00	800.00	100.00	400.00
25	1" Copper Water Service Repair	Foot	60	40.00	2,400.00	10.00	600.00	35.00	2,100.00	25.00	1,500.00	250.00	15,000.00	5.00	300.00	25.00	1,500.00
26	6" Sanitary Service Repair	Foot	60	85.00	5,100.00	11.00	660.00	40.00	2,400.00	35.00	2,100.00	190.00	11,400.00	50.00	3,000.00	40.00	2,400.00
27	4' Diameter Manhole, Type 1 Frame, Closed Lid (Alley)	Each	1	6,000.00	6,000.00	8,500.00	8,500.00	4,950.00	4,950.00	6,500.00	6,500.00	2,750.00	2,750.00	3,200.00	3,200.00	3,250.00	3,250.00
28	Catch Basin, Ty 'C', Type 1 Frame, Open Lid (Alley)	Each	1	2,500.00	2,500.00	4,000.00	4,000.00	1,950.00	1,950.00	1,750.00	1,750.00	2,250.00	2,250.00	1,800.00	1,800.00	1,650.00	1,650.00
29	6" Dia PVC Storm Sewer Replacement	Foot	30	85.00	2,550.00	50.00	1,500.00	35.00	1,050.00	35.00	1,050.00	100.00	3,000.00	45.00	1,350.00	62.00	1,860.00
30	8" Dia PVC Storm Sewer (Alley)	Foot	330	75.00	24,750.00	65.00	21,450.00	55.00	18,150.00	85.00	28,050.00	105.00	34,650.00	55.00	18,150.00	68.00	22,440.00
31	8" Dia PVC Storm Sewer Replacement	Foot	125	90.00	11,250.00	62.00	7,750.00	59.00	7,375.00	65.00	8,125.00	105.00	13,125.00	50.00	6,250.00	66.00	8,250.00
32	10" Dia PVC Storm Sewer Replacement	Foot	10	100.00	1,000.00	80.00	800.00	65.00	650.00	60.00	600.00	110.00	1,100.00	50.00	500.00	72.00	720.00
33	12" Dia PVC Storm Sewer Replacement	Foot	35	115.00	4,025.00	100.00	3,500.00	70.00	2,450.00	70.00	2,450.00	120.00	4,200.00	60.00	2,100.00	80.00	2,800.00
34	14" Casing Pipe	Foot	170	130.00	22,100.00	80.00	13,600.00	169.00	28,730.00	65.00	11,050.00	160.00	27,200.00	90.00	15,300.00	100.00	17,000.00
35	Trench Backfill	CuYd	3600	30.00	108,000.00	21.00	75,600.00	27.00	97,200.00	18.00	64,800.00	30.00	108,000.00	42.00	151,200.00	43.00	154,800.00
36	Exploratory Excavation	HR	10	270.00	2,700.00	50.00	500.00	200.00	2,000.00	100.00	1,000.00	400.00	4,000.00	100.00	1,000.00	275.00	2,750.00
37	Pressure Testing & Disinfection	LS	1	3,200.00	3,200.00	8,900.00	8,900.00	4,450.00	4,450.00	2,277.85	2,277.85	3,000.00	3,000.00	3,000.00	3,000.00	10,000.00	10,000.00
38	Curb & Gutter Removal	SqFt	300	7.00	2,100.00	6.00	1,800.00	4.00	1,200.00	5.00	1,500.00	5.00	1,500.00	5.00	1,500.00	10.00	3,000.00
39	Sidewalk Removal	SqYd	400	3.00	1,200.00	2.00	800.00	1.00	400.00	2.00	800.00	5.00	2,000.00	3.00	1,200.00	2.00	800.00
40	Driveway Pavement Removal	SqYd	75	10.00	750.00	13.00	975.00	5.00	375.00	15.00	1,125.00	10.00	750.00	24.00	1,800.00	15.00	1,125.00
41	Temporary Aggregate	Ton	100	25.00	2,500.00	14.00	1,400.00	35.00	3,500.00	10.00	1,000.00	15.00	1,500.00	25.00	2,500.00	16.00	1,600.00
42	Class D Patches, Type I-IV, 6" (Grace Street)	SqYd	2600	50.00	130,000.00	43.50	113,100.00	41.00	106,600.00	44.00	114,400.00	48.00	124,800.00	62.00	161,200.00	37.50	97,500.00
43	Class D Patches, Type I-IV, 4" (Alley)	SqYd	200	40.00	8,000.00	43.50	8,700.00	42.00	8,400.00	45.00	9,000.00	46.00	9,200.00	72.00	14,400.00	44.00	8,800.00
44	Hot Mix Asphalt Surface Removal (Variable Depth) (Alley)	Gal	1050	6.00	6,300.00	2.50	2,625.00	3.25	3,412.50	2.00	2,100.00	0.01	10.50	2.50	2,625.00	2.50	2,625.00
45	Bituminous Materials (Prime Coat) (Alley)	SqYd	80	3.00	240.00	29.00	2,320.00	20.00	1,600.00	30.00	2,400.00	26.00	2,080.00	35.00	2,800.00	20.00	1,600.00
46	Hot-Mix Asphalt Survace Course, Mix D, N50 (Alley)	Ton	30	120.00	3,600.00	135.00	4,050.00	135.00	4,050.00	125.00	3,750.00	85.00	2,550.00	150.00	4,500.00	230.00	6,900.00
47	Inlet Filter	Each	30	100.00	3,000.00	220.00	6,600.00	115.00	3,450.00	105.00	3,150.00	115.00	3,450.00	150.00	4,500.00	120.00	3,600.00
48	Traffic Control and Protection	LS	1	60,000.00	60,000.00	15,000.00	15,000.00	30,500.00	30,500.00	65,000.00	65,000.00	41,134.50	41,134.50	24,300.00	24,300.00	40,000.00	40,000.00
	TOTAL AMOUNT OF BID				**$ 1,355,108.75**		**$ 1,155,030.00**		**$ 1,168,792.50**		**$ 1,170,017.85**		**$ 1,250,000.00**		**$ 1,269,865.00**		**$ 1,289,445.00**
	CORRECTION FROM "AS-READ" AMOUNT																

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120+ Years of Excellence

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ENGINEERS ESTIMATE - $1,355,108.75

				Vian Construction Co, Inc.		Joel Kennedy Construction Group		J.Congdon Sewer Service, Inc.		Unique Plumbing, Inc.		A Lamp Concrete Contractors, Inc.		Archon Construction Co, Inc.	
No.	Items	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	12" Dia Ductile Iron Pipe, Class 52, Watermain	CuYd	10	116.00	$ 1,160.00	150.00	$ 1,500.00	150.00	$ 1,500.00	123.75	$ 1,237.50	200.00	$ 2,000.00	151.80	$ 1,518.00
2	8" Dia Ductile Iron Pipe, Class 52, Watermain	CuYd	4100	110.00	451,000.00	130.00	533,000.00	125.00	512,500.00	109.20	447,720.00	95.00	389,500.00	108.25	443,825.00
3	6" Dia Ductile Iron Pipe, Class 52, Watermain	CuYd	300	103.00	30,900.00	50.00	15,000.00	100.00	30,000.00	101.70	30,510.00	90.00	27,000.00	193.30	57,990.00
4	8" Gate Valve, 48" Diameter Vault, Typ, Frame & Lid	Hour	9	4,400.00	39,600.00	5,400.00	48,600.00	3,500.00	31,500.00	4,775.00	42,975.00	5,450.00	49,050.00	4,455.00	40,095.00
5	6" Gate Valve, 48" Diameter Vault, Typ, Frame & Lid	CuYd	1	4,200.00	4,200.00	5,000.00	5,000.00	3,200.00	3,200.00	4,380.00	4,380.00	5,000.00	5,000.00	3,600.00	3,600.00
6	Fire Hydrant w/Auxiliary Valve & Box	Foot	13	5,100.00	66,300.00	7,000.00	91,000.00	6,000.00	78,000.00	4,975.00	64,675.00	7,875.00	102,375.00	5,281.00	68,653.00
7	Ductile Iron Fittings	SqFt	4000	3.00	12,000.00	1.00	4,000.00	0.01	40.00	5.20	20,800.00	1.00	4,000.00	5.60	22,400.00
8	Short Water Service And Box, 1"	SqYd	70	1,907.00	133,490.00	2,200.00	154,000.00	2,500.00	175,000.00	1,660.00	116,200.00	2,950.00	206,500.00	2,103.00	147,210.00
9	Long Water Service And Box, 1"	SqYd	60	2,940.00	176,400.00	2,800.00	168,000.00	2,700.00	162,000.00	2,685.00	161,100.00	3,150.00	189,000.00	2,840.00	170,400.00
10	Long Water Service And Box, 1-1/2"	SqYd	4	4,200.00	16,800.00	3,200.00	12,800.00	3,700.00	14,800.00	4,000.00	16,000.00	4,000.00	16,000.00	3,953.00	15,812.00
11	Connection At Irving Park Road And Grace Street	Foot	1	8,000.00	8,000.00	9,500.00	9,500.00	4,000.00	4,000.00	14,200.00	14,200.00	5,000.00	5,000.00	18,058.00	18,058.00
12	Connection at Grace Street (Address #4200)	Each	1	4,400.00	4,400.00	5,700.00	5,700.00	4,000.00	4,000.00	13,000.00	13,000.00	3,750.00	3,750.00	10,342.00	10,342.00
13	Connection at Grace Street and Montrose Avenue	Foot	1	4,400.00	4,400.00	6,000.00	6,000.00	4,000.00	4,000.00	13,000.00	13,000.00	4,500.00	4,500.00	4,360.00	4,360.00
14	Connection at Grace Street and Eastwood Avenue	Foot	1	4,400.00	4,400.00	6,000.00	6,000.00	4,000.00	4,000.00	14,200.00	14,200.00	4,000.00	4,000.00	4,074.00	4,074.00
15	Connection at Grace Street and Lawrence Court	Foot	1	4,400.00	4,400.00	6,000.00	6,000.00	5,000.00	5,000.00	13,600.00	13,600.00	4,000.00	4,000.00	5,223.00	5,223.00
16	Disconnection at Grace Street and Irving Park Road	Foot	1	2,400.00	2,400.00	750.00	750.00	5,000.00	5,000.00	4,000.00	4,000.00	5,000.00	5,000.00	3,011.00	3,011.00
17	Disconnection at Grace Street (ADDRESS #4200)	Foot	1	1,800.00	1,800.00	750.00	750.00	5,000.00	5,000.00	1,800.00	1,800.00	3,500.00	3,500.00	245.00	245.00
18	Disconnection at Grace Street and Montrose Avenue	Foot	1	1,800.00	1,800.00	750.00	750.00	5,000.00	5,000.00	1,800.00	1,800.00	3,500.00	3,500.00	245.00	245.00
19	Disconnection at Grace Street and Eastwood Avenue	CuYd	1	1,800.00	1,800.00	750.00	750.00	5,000.00	5,000.00	1,800.00	1,800.00	3,500.00	3,500.00	3,436.00	3,436.00
20	Disconnection at Grace Street and Lawrence Court	Each	1	1,800.00	1,800.00	750.00	750.00	5,000.00	5,000.00	1,800.00	1,800.00	3,500.00	3,500.00	3,436.00	3,436.00
21	Fire Hydrant to be Removed	Each	12	400.00	4,800.00	500.00	6,000.00	350.00	4,200.00	700.00	8,400.00	800.00	9,600.00	458.00	5,496.00
22	Structure to be Abandonded	Each	8	400.00	3,200.00	400.00	3,200.00	50.00	400.00	300.00	2,400.00	400.00	3,200.00	681.00	5,448.00
23	Structure to be Removed	Each	1	600.00	600.00	500.00	500.00	150.00	150.00	740.00	740.00	400.00	400.00	100.00	100.00
24	Valve Box To be Removed	Each	4	120.00	480.00	300.00	1,200.00	50.00	200.00	180.00	720.00	250.00	1,000.00	67.00	268.00
25	1" Copper Water Service Repair	Each	60	60.00	3,600.00	50.00	3,000.00	10.00	600.00	46.80	2,808.00	80.00	4,800.00	18.15	1,089.00
26	6" Sanitary Service Repair	Each	60	58.00	3,480.00	100.00	6,000.00	25.00	1,500.00	61.00	3,660.00	60.00	3,600.00	19.75	1,185.00
27	4' Diameter Manhole, Type 1 Frame, Closed Lid (Alley)	Each	1	4,300.00	4,300.00	3,500.00	3,500.00	2,500.00	2,500.00	3,600.00	3,600.00	3,500.00	3,500.00	10,082.00	10,082.00
28	Catch Basin, Ty 'C', Type 1 Frame, Open Lid (Alley)	Each	1	1,150.00	1,150.00	2,800.00	2,800.00	3,000.00	3,000.00	1,970.00	1,970.00	2,000.00	2,000.00	1,993.00	1,993.00
29	6" Dia PVC Storm Sewer Replacement	Each	30	40.00	1,200.00	140.00	4,200.00	50.00	1,500.00	75.85	2,275.50	80.00	2,400.00	92.40	2,772.00
30	8" Dia PVC Storm Sewer (Alley)	Each	330	65.00	21,450.00	145.00	47,850.00	60.00	19,800.00	49.80	16,434.00	65.00	21,450.00	85.75	28,297.50
31	8" Dia PVC Storm Sewer Replacement	Each	125	60.00	7,500.00	140.00	17,500.00	60.00	7,500.00	73.90	9,237.50	90.00	11,250.00	111.80	13,975.00
32	10" Dia PVC Storm Sewer Replacement	Each	10	70.00	700.00	160.00	1,600.00	65.00	650.00	77.60	776.00	100.00	1,000.00	223.75	2,237.50
33	12" Dia PVC Storm Sewer Replacement	Each	35	74.00	2,590.00	180.00	6,300.00	70.00	2,450.00	84.52	2,958.20	110.00	3,850.00	133.75	4,681.25
34	14" Casing Pipe	Foot	170	104.00	17,680.00	140.00	23,800.00	50.00	8,500.00	104.00	17,680.00	165.00	28,050.00	298.85	50,804.50
35	Trench Backfill	Foot	3600	33.00	118,800.00	1.00	3,600.00	0.01	36.00	30.00	108,000.00	20.00	72,000.00	68.85	247,860.00
36	Exploratory Excavation	SqFt	10	150.00	1,500.00	400.00	4,000.00	100.00	1,000.00	325.00	3,250.00	50.00	500.00	1,078.00	10,780.00
37	Pressure Testing & Disinfection	SqFt	1	2,800.00	2,800.00	9,000.00	9,000.00	1,000.00	1,000.00	2,500.00	2,500.00	15,000.00	15,000.00	13,689.00	13,689.00
38	Curb & Gutter Removal	SqYd	300	11.00	3,300.00	6.00	1,800.00	5.00	1,500.00	8.50	2,550.00	5.00	1,500.00	1.00	300.00
39	Sidewalk Removal	SqYd	400	2.50	1,000.00	2.00	800.00	2.00	800.00	2.00	800.00	2.00	800.00	1.00	400.00
40	Driveway Pavement Removal	SqYd	75	17.00	1,275.00	15.00	1,125.00	8.00	600.00	18.00	1,350.00	15.00	1,125.00	3.55	266.25
41	Temporary Aggregate	SqYd	100	20.00	2,000.00	5.00	500.00	10.00	1,000.00	22.00	2,200.00	10.00	1,000.00	24.40	2,440.00
42	Class D Patches, Type I-IV, 6" (Grace Street)	Each	2600	45.00	117,000.00	35.00	91,000.00	47.35	123,110.00	61.00	158,600.00	55.00	143,000.00	56.70	147,420.00
43	Class D Patches, Type I-IV, 4" (Alley)	SqYd	200	50.00	10,000.00	35.00	7,000.00	44.80	8,960.00	58.20	11,640.00	50.00	10,000.00	64.50	12,900.00
44	Hot Mix Asphalt Surface Removal (Variable Depth) (Alley)	Ton	1050	2.30	2,415.00	1.00	1,050.00	0.01	10.50	0.01	10.50	0.01	10.50	1.30	1,365.00
45	Bituminous Materials (Prime Coat) (Alley)	SqYd	80	30.00	2,400.00	10.00	800.00	25.00	2,000.00	28.00	2,240.00	10.00	800.00	77.70	6,216.00
46	Hot-Mix Asphalt Survace Course, Mix D, N50 (Alley)	SqYd	30	135.00	4,050.00	100.00	3,000.00	84.00	2,520.00	94.10	2,823.00	200.00	6,000.00	350.30	10,509.00
47	Inlet Filter	SqYd	30	128.00	3,840.00	155.00	4,650.00	25.00	750.00	105.00	3,150.00	10.00	300.00	143.75	4,312.50
48	Traffic Control and Protection	Gallon	1	14,500.00	14,500.00	15,000.00	15,000.00	95,000.00	95,000.00	69,000.00	69,000.00	145,000.00	145,000.00	36,449.50	36,449.50
	TOTAL AMOUNT OF BID				**$ 1,324,660.00**		**$ 1,340,625.00**		**$ 1,345,776.50**		**$ 1,426,570.20**		**$ 1,523,810.50**		**$ 1,647,269.00**
	CORRECTION FROM "AS-READ" AMOUNT														