



**Engineering & Public Works
Department**

SUBJECT: Phase IA – Neighborhood Storage Project

MEETING DATE: September 10, 2019

FROM: [Brigitte Berger-Raish](#), P.E. Director of Engineering and Public Works
[Dan Manis](#), P.E., Village Engineer

BUDGET IMPACT: See Budget Impact Section

Recommended Motion

Move to approve a contract in the amount not-to-exceed \$4,989,192 with DiMeo Brothers, Inc., Elk Grove Village, IL, for Phase 1A of the Neighborhood Storage Project.

Background

On April 17, 2018, after a comprehensive review of alternatives and extensive public engagement, the Village Board voted to move forward with the Neighborhood Storage Project (NSP). The NSP consists of constructing three underground detention structures and associated relief sewers to improve the effectiveness of the existing storm sewer system west of Ridge Road

The plan includes underground detention structures at Community Playfield (Phase 1), Hibbard Park (Phase 2) and Thornwood Park (Phase 3). Phase 1 also includes approximately 5,700 linear feet of new relief storm sewer (referred to as Phase 1A) in critical areas of the system that are not served by detention storage. Optimization of the project, which includes additional drainage improvements, will be included in Phases 1 and 3.

Phase 1A of the Neighborhood Storage Project consists of new storm sewer in the Village or County right-of-way. More specifically, the contract includes the following new pipe:

Neighborhood Storage--Phase 1A Storm Sewers		
Location	Pipe Size(s)	Footage
Lavergne (Wilmette to LaCrosse)	36"	1,292
	24"	844
	1' by 3' box	56
	12"	373
Washington (Lavergne to Lamon)	24"	661
	12"	193

Lamon (Washington to LaCrosse)	24"	550
	12"	65
Romona (Lake to Blackhawk)	48"	519
	12"	112
Blackhawk (Romona to Seminole)	30"	564
	12"	119
Orchard (Romona to Redbud)	24"	335
	12"	52
Total length of pipe		5,735

In addition to new storm sewer, the project scope includes new 8-inch sanitary sewer, sanitary service reconnections, new 8-inch water main, water service connections, and varying levels of pavement removal and resurfacing/reconstruction including curb and gutter, sidewalks and ADA upgrades. The new water main (Orchard Lane) and sanitary sewer (Laverge) is necessary because the existing mains are in conflict with the alignment of the proposed storm sewers.

In addition to the work summarized above, water main replacement along Lake Avenue between Skokie Blvd. and Hibbard Road was also bid with the NSP. This section of water main has broken numerous times and is very difficult for Village crews to maintain without significant disruptions to traffic, area residents, and businesses. This work is not associated with the NSP improvement and will be paid for separately from the Water Fund.

Discussion

The Phase IA NSP was advertised for bid on the Village and DemandStar websites and distributed to IDOT pre-qualified contractors via email on August 7, 2019. The project was designed by Christopher B. Burke Engineering, LTD. (CBBEL). The project had six qualified bidders. Bids were opened on August, 29, 2019, and are summarized below.

Company	Bid Amount
DiMeo Brothers, Inc., Elk Grove Village, IL	\$4,989,191.50
Alamp Concrete Contractors, Inc., Schaumburg, IL	\$5,449,527.31
Berger Excavating Contractors, Inc., Wauconda, IL	\$5,984,238.90
Acqua Contractors Corporation, Elmhurst, IL	\$6,505,723.00
Bolder Contractors, Inc., Cary, IL	\$7,360,865.39
Lenny Hoffman Excavating, Inc., Wilmette, IL	\$7,767,286.00
Engineer's Estimate	\$6,750,732.00

DiMeo Brothers provided the lowest qualified bid of \$4,989,192. They have not worked in Wilmette in recent years. CBBEL contacted references and received positive feedback. For these reasons, the Engineering & Public Works Department recommends awarding the Phase IA NSP to DiMeo Brothers, Inc.

This project is scheduled to begin in October and be completed in June 2020. A public open house for residents impacted by the project will be held on September 19 between 4:00 PM and 6:00 PM at the Public Works Village Yard.

Budget Impact

The Phase IA NSP will be paid for as follows:

Description	Account Number	Available Budget	This Project	Acct. Balance
Neighborhood Storage	40957090-470500-80726	NA	\$4,100,359	NA
Orchard Water Main	40957090-470500-80726	NA	\$111,180	NA
Lake Ave Water Main	41958090-470550-80950	\$440,425	\$777,653	(\$337,228)
			\$4,989,192	

There are no funds in the FY 2019 Budget for the NSP construction (funds were included for engineering design). The expense will initially be paid from the Sewer and Water Fund reserves and reimbursed through a future bond issuance. Approximately \$2 million will be spent in 2019 with the remaining funds budgeted and spent in 2020. New revenues will be required to pay the debt service related to the bond issuance.

The cost associated with the Lake Avenue water main will be included in the 2020 budget.

Documents Attached

1. CIP Detail Sheet
2. Bid Tabulation
3. Bid Recommendation Letter from CBBEL

Engineering

Neighborhood Storage Project	2019	\$1.9 million	Bond
Sewer Fund-Sewer Improvements-Sewer	2020	\$20.1 million	
Collection System	2021	\$13.4 million	
	2022	\$17.0 million	
	2023	\$60,000	
-	Critical		
X	Recommended		
-	Contingent on Funding		

Original Purchase Date & Cost

N/A

Funding History

2018	\$500,000
2017	\$114,933 (Value Engineering Study)
2015	\$0
2014	\$327,000 (Storm study)

Project Description & Justification

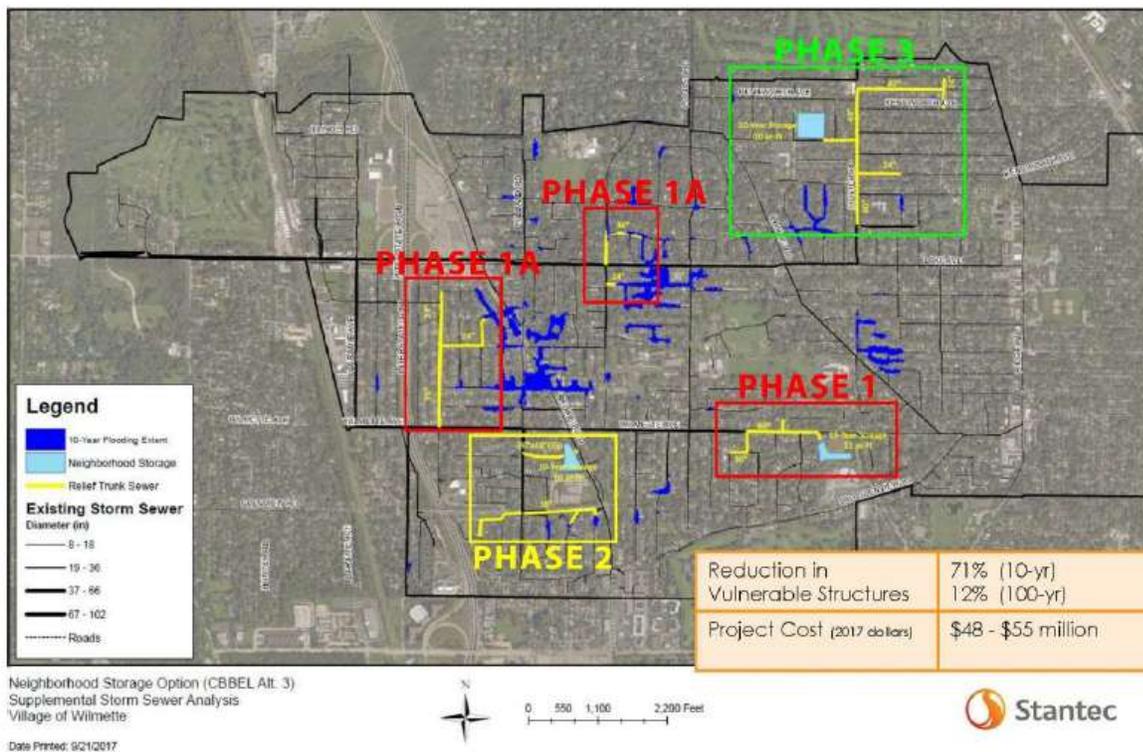
The Neighborhood Storage Project will improve the performance of the separate storm sewer system west of Ridge Road. The system can currently convey a 2 to 3-year rain event, but the three new storage areas and associated piping will improve the system by providing 10-yr protection for much of west Wilmette.

2018 and 2019 are dedicated toward preliminary engineering and design and bidding for Phase 1. The schedule and costs for the three construction phases is provided below.

Year	Project Phase	Estimated Budget ¹
2018/2019	Prelim Eng and Phase 1 Design	\$2.4 million ²
Late 2019/2020	Phase 1 Construction (Centennial/Community Playfield Storage and Relief Sewer Construction_	\$19.4 million
2020	Phase 2 Design	\$744,000
2021	Phase 2 Construction (Hibbard Park)	\$12.4 million
2021	Phase 3 Design	\$1.02 million
2022	Phase 3 Construction (Thornwood Park)	\$17 million

¹ Costs are in 2017 dollars and include a 20% construction contingency. Cost do not include park district amenities that may be added during the preliminary engineering phase.

² It is estimated that \$500,000 of the \$2.4 million will be spent in 2018 and the balance of \$1.9 million will be spent in 2019.



After the construction of the Neighborhood Storage project the Village Board directed staff to perform an evaluation of the effectiveness of the project. \$60,000 has been added to 2023 to perform flow monitoring, a model update and report on the benefits and remaining vulnerabilities of the project including possible next steps to continue upgrading the system.

Project Update

This project was approved by the Village Board on April 17, 2018.

Project Alternative

The alternative to this project is green infrastructure improvements that would not be as effective in mitigating neighborhood flooding.

Operating Budget Impact

Is this purchase routine or X non-routine?

NON-ROUTINE	
Maintenance Costs	\$20,000 annual increase in sewer maintenance including televising, cleaning, rodding and basin maintenance.
Personnel Costs	None
Training Costs	None as the Public Works employees already have the knowledge to maintain the new storm sewer amenities.

BASE BID			Engineer's Estimate		Dimeo Brothers, INC		A Lamp Concrete		Berger Excavating Contr		ACQUA Contractors		Bolder Contractors		Lenny Hoffman		
ITEM NO.	ITEM	UNITS	TOTAL QUANTITY	Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price	Unit Price	Item Price
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	70	\$100.00	\$7,000.00	\$48.00	\$3,360.00	\$21.00	\$1,470.00	\$19.00	\$1,330.00	\$30.00	\$2,100.00	\$35.00	\$2,450.00	\$28.00	\$1,960.00
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	125	\$100.00	\$12,500.00	\$60.00	\$7,500.00	\$47.00	\$5,875.00	\$42.00	\$5,250.00	\$37.00	\$4,625.00	\$40.00	\$5,000.00	\$35.00	\$4,375.00
20101100	TREE TRUNK PROTECTION	EACH	131	\$115.00	\$15,065.00	\$100.00	\$13,100.00	\$75.00	\$9,825.00	\$125.00	\$16,375.00	\$120.00	\$15,720.00	\$50.00	\$6,550.00	\$115.00	\$15,065.00
20101200	TREE ROOT PRUNING	EACH	52	\$180.00	\$9,360.00	\$150.00	\$7,800.00	\$75.00	\$3,900.00	\$150.00	\$7,800.00	\$150.00	\$7,800.00	\$50.00	\$2,600.00	\$150.00	\$7,800.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	175	\$150.00	\$26,250.00	\$35.00	\$6,125.00	\$30.00	\$5,250.00	\$58.00	\$10,150.00	\$120.00	\$21,000.00	\$52.00	\$9,100.00	\$42.00	\$7,350.00
25100630	EROSION CONTROL BLANKET	SQ YD	5,419	\$3.00	\$16,257.00	\$3.00	\$16,257.00	\$2.00	\$10,838.00	\$1.10	\$5,960.90	\$10.00	\$54,190.00	\$0.50	\$2,709.50	\$1.00	\$5,419.00
25200200	SUPPLEMENTAL WATERING	UNIT	145	\$50.00	\$7,250.00	\$1.00	\$145.00	\$1.00	\$145.00	\$50.00	\$7,250.00	\$50.00	\$7,250.00	\$1.00	\$145.00	\$0.10	\$14.50
28000500	INLET AND PIPE PROTECTION	EACH	71	\$200.00	\$14,200.00	\$125.00	\$8,875.00	\$15.00	\$1,065.00	\$175.00	\$12,425.00	\$150.00	\$10,650.00	\$50.00	\$3,550.00	\$170.00	\$12,070.00
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	175	\$65.00	\$11,375.00	\$40.00	\$7,000.00	\$25.00	\$4,375.00	\$70.00	\$12,250.00	\$50.00	\$8,750.00	\$72.00	\$12,600.00	\$150.00	\$8,750.00
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,807	\$7.00	\$12,649.00	\$5.00	\$9,035.00	\$6.25	\$11,293.75	\$18.00	\$32,526.00	\$8.00	\$14,456.00	\$10.00	\$18,070.00	\$9.00	\$16,263.00
35800200	AGGREGATE BASE REPAIR	TON	112	\$25.00	\$2,800.00	\$30.00	\$3,360.00	\$50.00	\$5,600.00	\$55.00	\$6,160.00	\$50.00	\$5,600.00	\$50.00	\$5,600.00	\$42.00	\$4,704.00
40300500	COVER COAT AGGREGATE	TON	26	\$1.00	\$26.00	\$35.00	\$910.00	\$1.00	\$26.00	\$150.00	\$3,900.00	\$40.00	\$1,040.00	\$100.00	\$2,600.00	\$64.00	\$1,664.00
40600230	BITUMINOUS MATERIALS (TACK COAT)	POUND	6,582	\$1.00	\$6,582.00	\$1.50	\$9,873.00	\$0.01	\$65.82	\$1.35	\$8,885.70	\$0.70	\$4,607.40	\$1.35	\$8,885.70	\$1.50	\$9,873.00
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,322	\$95.00	\$125,590.00	\$88.00	\$116,336.00	\$89.00	\$117,658.00	\$83.15	\$109,924.30	\$100.00	\$132,200.00	\$84.00	\$111,048.00	\$84.00	\$111,048.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	481	\$95.00	\$45,695.00	\$88.00	\$42,328.00	\$99.00	\$47,619.00	\$82.10	\$39,490.10	\$100.00	\$48,100.00	\$83.00	\$39,923.00	\$83.00	\$39,923.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	222	\$95.00	\$21,090.00	\$94.00	\$20,868.00	\$100.00	\$22,200.00	\$89.15	\$19,791.30	\$105.00	\$23,310.00	\$90.00	\$19,980.00	\$90.00	\$19,980.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,477	\$100.00	\$147,700.00	\$88.00	\$129,976.00	\$87.00	\$128,499.00	\$82.65	\$122,074.05	\$100.00	\$147,700.00	\$83.00	\$122,591.00	\$83.00	\$122,591.00
40603385	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	173	\$100.00	\$17,300.00	\$100.00	\$17,300.00	\$112.00	\$19,376.00	\$93.00	\$16,089.00	\$120.00	\$20,760.00	\$93.00	\$16,089.00	\$93.00	\$16,089.00
42300200	PCC DRIVEWAY, 6 INCH	SQ YD	615	\$35.00	\$21,525.00	\$57.00	\$35,055.00	\$65.00	\$39,975.00	\$67.00	\$41,205.00	\$73.00	\$44,895.00	\$75.00	\$46,125.00	\$61.00	\$37,515.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	20,868	\$9.00	\$187,812.00	\$8.00	\$166,944.00	\$6.50	\$135,642.00	\$8.35	\$174,247.80	\$8.00	\$166,944.00	\$7.00	\$146,076.00	\$8.00	\$166,944.00
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3,825	\$9.00	\$34,425.00	\$8.50	\$32,512.50	\$7.60	\$29,070.00	\$9.00	\$34,425.00	\$9.00	\$34,425.00	\$9.00	\$34,425.00	\$9.00	\$34,425.00
42400800	DETECTABLE WARNINGS	SQ FT	570	\$50.00	\$28,500.00	\$30.00	\$17,100.00	\$35.00	\$19,950.00	\$27.00	\$15,390.00	\$36.00	\$20,520.00	\$31.00	\$17,670.00	\$27.00	\$15,390.00
44201371	CLASS C PATCHES, TYPE IV, 11 INCH	SQ YD	464	\$110.00	\$51,040.00	\$80.00	\$37,120.00	\$145.00	\$67,280.00	\$105.00	\$48,720.00	\$88.00	\$40,832.00	\$120.00	\$55,680.00	\$91.00	\$42,224.00
44000100	PAVEMENT REMOVAL	SQ YD	8,193	\$10.00	\$81,930.00	\$9.00	\$73,737.00	\$23.00	\$188,439.00	\$12.50	\$102,412.50	\$15.00	\$122,895.00	\$15.00	\$122,895.00	\$21.00	\$172,053.00
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2.75"	SQ YD	8,585	\$7.00	\$60,095.00	\$4.00	\$34,340.00	\$4.10	\$35,198.50	\$3.55	\$30,476.75	\$3.50	\$30,047.50	\$3.60	\$30,906.00	\$4.00	\$34,340.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	1,947	\$8.00	\$15,576.00	\$8.00	\$15,576.00	\$6.25	\$12,168.75	\$6.85	\$13,336.95	\$7.00	\$13,629.00	\$7.00	\$13,629.00	\$7.00	\$13,629.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,384	\$10.00	\$13,840.00	\$7.00	\$9,688.00	\$10.00	\$13,840.00	\$12.50	\$17,300.00	\$5.00	\$6,920.00	\$10.00	\$13,840.00	\$20.00	\$27,680.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7,866	\$10.00	\$78,660.00	\$3.00	\$23,598.00	\$4.00	\$31,464.00	\$4.50	\$35,397.00	\$5.00	\$39,330.00	\$3.00	\$23,598.00	\$6.00	\$47,196.00
44000600	SIDEWALK REMOVAL	SQ FT	29,398	\$3.00	\$88,194.00	\$1.50	\$44,097.00	\$1.25	\$36,747.50	\$1.25	\$36,747.50	\$3.00	\$88,194.00	\$1.20	\$35,277.60	\$2.00	\$58,796.00
550A0450	STORM SEWERS, CLASS A, TYPE 2 3/8" (RCP)	FOOT	1,082	\$275.00	\$297,550.00	\$225.00	\$243,450.00	\$190.00	\$205,580.00	\$160.00	\$173,120.00	\$175.00	\$189,350.00	\$430.00	\$465,260.00	\$211.00	\$228,302.00
550A0750	STORM SEWERS, CLASS A, TYPE 3 3/8" (RCP)	FOOT	210	\$285.00	\$59,850.00	\$225.00	\$47,250.00	\$258.00	\$54,180.00	\$191.00	\$40,110.00	\$200.00	\$42,000.00	\$430.00	\$90,300.00	\$245.00	\$51,450.00
550B0410	STORM SEWERS, CLASS B, TYPE 2 24" (RCP)	FOOT	2,055	\$175.00	\$359,625.00	\$150.00	\$308,250.00	\$144.00	\$295,920.00	\$115.00	\$236,325.00	\$140.00	\$287,700.00	\$370.00	\$760,350.00	\$142.00	\$291,810.00
550B0710	STORM SEWERS, CLASS B, TYPE 3 24" (RCP)	FOOT	335	\$185.00	\$61,975.00	\$150.00	\$50,250.00	\$185.00	\$61,975.00	\$118.00	\$39,530.00	\$165.00	\$55,275.00	\$370.00	\$123,950.00	\$216.00	\$72,360.00
550B0430	STORM SEWERS, CLASS B, TYPE 3 30" (RCP)	FOOT	564	\$220.00	\$124,080.00	\$200.00	\$112,800.00	\$187.00	\$105,468.00	\$130.00	\$73,320.00	\$155.00	\$87,420.00	\$410.00	\$231,240.00	\$172.00	\$97,008.00
550B0780	STORM SEWERS, CLASS B, TYPE 3 48" (RCP)	FOOT	519	\$390.00	\$202,410.00	\$295.00	\$153,105.00	\$352.00	\$182,688.00	\$300.00	\$155,700.00	\$250.00	\$129,750.00	\$500.00	\$259,500.00	\$325.00	\$168,675.00
55100200	STORM SEWER REMOVAL 6"	FOOT	97	\$11.00	\$1,067.00	\$3.00	\$291.00	\$1.00	\$97.00	\$22.00	\$2,134.00	\$5.00	\$485.00	\$8.00	\$776.00	\$14.00	\$1,358.00
55100300	STORM SEWER REMOVAL 8"	FOOT	1,056	\$11.00	\$11,616.00	\$4.00	\$4,224.00	\$1.00	\$1,056.00	\$22.00	\$23,232.00	\$6.00	\$6,336.00	\$8.00	\$8,448.00	\$14.00	\$14,784.00
55100400	STORM SEWER REMOVAL 10"	FOOT	109	\$11.00	\$1,199.00	\$4.00	\$436.00	\$1.00	\$109.00	\$22.00	\$2,398.00	\$7.00	\$763.00	\$8.00	\$872.00	\$14.00	\$1,526.00
55100500	STORM SEWER REMOVAL 12"	FOOT	1,849	\$11.00	\$20,339.00	\$5.00	\$9,245.00	\$1.00	\$1,849.00	\$22.00	\$40,678.00	\$8.00	\$14,792.00	\$8.00	\$14,792.00	\$14.00	\$25,886.00
55100700	STORM SEWER REMOVAL 15"	FOOT	174	\$12.00	\$2,088.00	\$6.00	\$1,044.00	\$1.00	\$174.00	\$24.00	\$4,176.00	\$9.00	\$1,566.00	\$8.00	\$1,392.00	\$17.00	\$2,958.00
55101300	STORM SEWER REMOVAL 27"	FOOT	506	\$22.00	\$11,132.00	\$10.00	\$5,060.00	\$1.00	\$506.00	\$28.00	\$14,168.00	\$10.00	\$5,060.00	\$8.00	\$4,048.00	\$22.00	\$11,132.00
55103000	DUCTILE IRON WATER MAIN 6"	FOOT	102	\$150.00	\$15,300.00	\$105.00	\$10,710.00	\$90.00	\$9,180.00	\$140.00	\$14,280.00	\$135.00	\$13,770.00	\$200.00	\$20,400.00	\$233.00	\$23,766.00
55103100	DUCTILE IRON WATER MAIN 8"	FOOT	486	\$180.00	\$87,480.00	\$115.00	\$55,890.00	\$122.00	\$59,292.00	\$120.00	\$58,320.00	\$145.00	\$70,470.00	\$210.00	\$102,060.00	\$167.00	\$81,162.00
55103200	DUCTILE IRON WATER MAIN 10"	FOOT	101	\$200.00	\$20,200.00	\$125.00	\$12,625.00	\$180.00	\$18,180.00	\$128.00	\$12,928.00	\$155.00	\$15,655.00	\$220.00	\$22,220.00	\$193.00	\$19,493.00
55103300	DUCTILE IRON WATER MAIN 12"	FOOT	251	\$215.00	\$53,965.00	\$140.00	\$35,140.00	\$191.00	\$47,941.00	\$160.00	\$40,160.00	\$165.00	\$41,415.00	\$230.00	\$57,730.00	\$200.00	\$50,200.00
55600500	FIRE HYDRANTS TO BE REMOVED	EACH	3	\$500.00	\$1,500.00	\$300.00	\$900.00	\$1,000.00	\$3,000.00	\$950.00	\$2,850.00	\$225.00	\$675.00	\$700.00	\$2,100.00	\$1,400.00	\$4,200.00
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	5	\$4,500.00	\$22,500.00	\$5,500.00	\$27,500.00	\$8,050.00	\$40,250.00	\$8,000.00	\$40,000.00	\$7,500.00	\$37,500.00	\$7,000.00	\$35,000.00	\$9,200.00	\$46,000.00
60108300	PIPE UNDERDRAINS 8" (SPECIAL)	FOOT	52	\$50.00	\$2,600.00	\$45.00	\$2,340.00	\$50.00	\$2,600.00	\$22.00	\$1,124.00	\$50.00	\$2,600.00	\$120.00	\$6,240.00	\$48.00	\$2,496.00
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	\$5,000.00	\$30,000.00	\$4,000.00	\$24,000.00	\$3,750.00	\$22,500.00	\$3,250.00	\$19,500.00	\$4,750.00	\$28,500.00	\$4,200.00	\$25,200.00	\$3,100.00	\$18,600.00
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	4	\$4,000.00	\$16,000.00	\$2,500.00	\$10,000.00	\$1,700.00	\$6,800.00	\$1,750.00	\$7,000.00	\$2,250.00	\$9,000.00	\$3,000.00	\$12,000.00	\$1,600.00	\$6,400.00
60218400	MANHOLES, TYPE A,																

BASE BID			Engineer's Estimate		Dimeo Brothers, INC		A Lamp Concrete		Berger Excavating Contr		ACQUA Contractors		Bolder Contractors		Lenny Hoffman		
Z0056644	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	1,500	\$80.00	\$120,000.00	\$75.00	\$112,500.00	\$63.00	\$94,500.00	\$58.00	\$87,000.00	\$100.00	\$150,000.00	\$55.00	\$82,500.00	\$72.00	\$108,000.00
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	995	\$95.00	\$94,525.00	\$85.00	\$84,575.00	\$67.00	\$66,665.00	\$69.00	\$68,655.00	\$120.00	\$119,400.00	\$75.00	\$74,625.00	\$86.00	\$85,570.00
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	25	\$75.00	\$1,875.00	\$75.00	\$1,875.00	\$150.00	\$3,750.00	\$100.00	\$2,500.00	\$115.00	\$2,875.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00
X0322782	SANITARY SEWER, PVC (D3034) SDR 26, 8"	FOOT	667	\$110.00	\$73,370.00	\$125.00	\$83,375.00	\$160.00	\$106,720.00	\$100.00	\$66,700.00	\$145.00	\$96,715.00	\$320.00	\$213,440.00	\$100.00	\$66,700.00
X0324585	SANITARY SEWER SERVICE TO BE ADJUSTED	EACH	47	\$1,400.00	\$65,800.00	\$1,600.00	\$75,200.00	\$500.00	\$23,500.00	\$1,525.00	\$71,675.00	\$750.00	\$35,250.00	\$900.00	\$42,300.00	\$5,500.00	\$258,500.00
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	3,433	\$5.00	\$17,165.00	\$5.00	\$17,165.00	\$5.00	\$17,165.00	\$4.75	\$16,306.75	\$4.00	\$13,732.00	\$2.50	\$8,582.50	\$4.00	\$13,732.00
X0326744	PLUG PIPE PENETRATION	EACH	5	\$1,000.00	\$5,000.00	\$250.00	\$1,250.00	\$250.00	\$1,250.00	\$750.00	\$3,750.00	\$750.00	\$3,750.00	\$600.00	\$3,000.00	\$1,500.00	\$7,500.00
X1700021	BRICK PAVEMENT DRIVEWAY REMOVAL AND REINSTALLATION, SPECIAL	SQ FT	1,197	\$20.00	\$23,940.00	\$32.00	\$38,304.00	\$18.00	\$21,546.00	\$20.00	\$23,940.00	\$30.00	\$35,910.00	\$19.00	\$22,743.00	\$15.00	\$17,955.00
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	7,746	\$41.00	\$317,586.00	\$30.00	\$232,380.00	\$15.00	\$116,190.00	\$58.00	\$449,268.00	\$40.00	\$309,840.00	\$65.00	\$503,490.00	\$71.00	\$549,966.00
X2110100	TOPSOIL, FURNISH AND PLACE, SPECIAL	CU YD	77	\$10.00	\$770.00	\$40.00	\$3,080.00	\$20.00	\$1,540.00	\$40.00	\$3,080.00	\$50.00	\$3,850.00	\$75.00	\$5,775.00	\$42.00	\$3,234.00
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	160	\$100.00	\$16,000.00	\$15.00	\$2,400.00	\$1.00	\$160.00	\$35.00	\$5,600.00	\$40.00	\$6,400.00	\$200.00	\$32,000.00	\$115.00	\$18,400.00
X2520700	SODDING, SPECIAL	SQ YD	6,210	\$12.00	\$74,520.00	\$12.00	\$74,520.00	\$7.00	\$43,470.00	\$17.75	\$110,227.50	\$12.00	\$74,520.00	\$107.00	\$105,570.00	\$15.00	\$93,150.00
X0327094	VALVE BOX 6"	EACH	1	\$1,000.00	\$1,000.00	\$350.00	\$350.00	\$350.00	\$350.00	\$990.00	\$990.00	\$150.00	\$150.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
X0327578	TEMPORARY PATCHING	SQ YD	3,500	\$10.00	\$35,000.00	\$18.00	\$63,000.00	\$10.00	\$35,000.00	\$22.00	\$77,000.00	\$25.00	\$87,500.00	\$8.00	\$28,000.00	\$25.00	\$87,500.00
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	TON	230	\$20.00	\$4,600.00	\$25.00	\$5,750.00	\$10.00	\$2,300.00	\$32.00	\$7,360.00	\$48.00	\$11,040.00	\$20.00	\$4,600.00	\$52.00	\$11,960.00
X4023000	TEMPORARY ACCESS (ROAD)	TON	120	\$20.00	\$2,400.00	\$25.00	\$3,000.00	\$10.00	\$1,200.00	\$32.00	\$3,840.00	\$48.00	\$5,760.00	\$20.00	\$2,400.00	\$52.00	\$6,240.00
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	9,109	\$10.00	\$91,090.00	\$3.00	\$27,327.00	\$0.01	\$91.09	\$6.00	\$54,654.00	\$2.00	\$18,218.00	\$0.01	\$91.09	\$1.00	\$9,109.00
X5610706	WATER MAIN REMOVAL, 6"	FOOT	10	\$10.00	\$100.00	\$10.00	\$100.00	\$1.00	\$10.00	\$125.00	\$1,250.00	\$2.00	\$20.00	\$100.00	\$1,000.00	\$66.00	\$660.00
X5610746	WATER MAIN LINE STOP 6"	EACH	3	\$5,000.00	\$15,000.00	\$4,000.00	\$8,000.00	\$1,000.00	\$2,000.00	\$7,000.00	\$14,000.00	\$8,500.00	\$17,000.00	\$3,000.00	\$6,000.00	\$11,000.00	\$22,000.00
X5610748	WATER MAIN LINE STOP 8"	EACH	3	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$1,200.00	\$3,600.00	\$7,400.00	\$22,200.00	\$10,000.00	\$30,000.00	\$4,000.00	\$12,000.00	\$12,000.00	\$36,000.00
X5610752	WATER MAIN LINE STOP 12"	EACH	2	\$8,500.00	\$17,000.00	\$9,000.00	\$18,000.00	\$2,000.00	\$4,000.00	\$9,100.00	\$18,200.00	\$12,000.00	\$24,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$24,000.00
X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	8	\$200.00	\$1,600.00	\$750.00	\$6,000.00	\$850.00	\$6,800.00	\$2,400.00	\$19,200.00	\$4,500.00	\$36,000.00	\$1,200.00	\$9,600.00	\$1,400.00	\$11,200.00
X5630006	CUT AND CAP EXISTING 8" WATER MAIN	EACH	3	\$200.00	\$600.00	\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00	\$2,750.00	\$8,250.00	\$5,000.00	\$15,000.00	\$1,300.00	\$3,900.00	\$1,500.00	\$4,500.00
X5630006	CUT AND CAP EXISTING 12" WATER MAIN	EACH	2	\$200.00	\$400.00	\$1,250.00	\$2,500.00	\$1,250.00	\$2,500.00	\$2,800.00	\$5,600.00	\$6,000.00	\$12,000.00	\$1,400.00	\$2,800.00	\$1,600.00	\$3,200.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL) LAKE/ROMONA	L SUM	1	\$25,000.00	\$25,000.00	\$75,000.00	\$75,000.00	\$409,000.00	\$409,000.00	\$64,000.00	\$64,000.00	\$105,000.00	\$105,000.00	\$100,000.00	\$100,000.00	\$610,000.00	\$610,000.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL) LAKE/ROMONA	L SUM	1	\$75,000.00	\$75,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$95,000.00	\$95,000.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL) LAKE AVE WATER MAIN	L SUM	1	\$125,000.00	\$125,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$6,000.00	\$6,000.00	\$100,000.00	\$100,000.00	\$40,000.00	\$40,000.00	\$35,000.00	\$35,000.00
X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	MON	12	\$100.00	\$1,200.00	\$1,100.00	\$13,200.00	\$100.00	\$1,200.00	\$900.00	\$10,800.00	\$1,000.00	\$12,000.00	\$800.00	\$9,600.00	\$900.00	\$10,800.00
X6022312	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	EACH	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$9,500.00	\$9,500.00	\$15,000.00	\$15,000.00	\$7,500.00	\$7,500.00	\$30,000.00	\$30,000.00
X6022858	MANHOLES, TYPE A, SANITARY, 4"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	\$5,500.00	\$11,000.00	\$5,500.00	\$11,000.00	\$5,600.00	\$11,200.00	\$5,300.00	\$10,600.00	\$13,000.00	\$26,000.00	\$6,000.00	\$12,000.00	\$6,000.00	\$12,000.00
Z0007430	TEMPORARY SIDEWALK	SQ FT	700	\$5.00	\$3,500.00	\$6.00	\$4,200.00	\$1.00	\$700.00	\$7.00	\$4,900.00	\$5.00	\$3,500.00	\$10.00	\$7,000.00	\$7.00	\$4,900.00
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$100.00	\$100.00	\$6,000.00	\$6,000.00
NA	CLASS D PATCHES, SPECIAL	SQ YD	5,928	\$58.00	\$343,824.00	\$45.00	\$266,760.00	\$54.00	\$320,112.00	\$75.00	\$444,600.00	\$60.00	\$355,680.00	\$42.00	\$248,976.00	\$52.00	\$308,256.00
NA	COMBINATION CONCRETE CURB AND GUTTER, SPECIAL	FOOT	7,348	\$22.00	\$161,656.00	\$24.00	\$176,352.00	\$25.00	\$183,700.00	\$27.25	\$200,233.00	\$35.00	\$257,180.00	\$30.00	\$220,440.00	\$30.00	\$220,440.00
NA	4"-6" LIMESTONE COBBLES	SQ YD	25	\$45.00	\$1,125.00	\$95.00	\$2,375.00	\$150.00	\$3,750.00	\$70.00	\$1,750.00	\$150.00	\$3,750.00	\$100.00	\$2,500.00	\$175.00	\$4,375.00
NA	INFILTRATION MIX	CU YD	210	\$15.00	\$3,150.00	\$80.00	\$16,800.00	\$65.00	\$13,650.00	\$165.00	\$34,650.00	\$130.00	\$27,300.00	\$100.00	\$21,000.00	\$147.00	\$30,870.00
NA	PRECAST CONCRETE BOX CULVERTS '1' X 3'	FOOT	56	\$1,250.00	\$70,000.00	\$250.00	\$14,000.00	\$335.00	\$18,760.00	\$845.00	\$47,320.00	\$600.00	\$33,600.00	\$500.00	\$28,000.00	\$1,300.00	\$72,800.00
NA	CATCH BASINS, TYPE A, 4"-DIAMETER, EAST JORDAN 7010, TY MI GRATE	EACH	28	\$4,500.00	\$126,000.00	\$4,250.00	\$119,000.00	\$3,800.00	\$106,400.00	\$3,450.00	\$96,600.00	\$5,000.00	\$140,000.00	\$4,400.00	\$123,200.00	\$3,900.00	\$109,200.00
NA	INLET TY A, EAST JORDAN 7010, TY MI GRATE	EACH	7	\$3,500.00	\$24,500.00	\$1,600.00	\$11,200.00	\$1,700.00	\$11,900.00	\$1,600.00	\$11,200.00	\$1,600.00	\$11,200.00	\$2,400.00	\$16,800.00	\$1,800.00	\$12,600.00
NA	PRECAST CONCRETE JUNCTION CHAMBER, 5' X 12.5', TIF, CLOSED LID	EACH	2	\$80,000.00	\$160,000.00	\$50,000.00	\$100,000.00	\$21,115.00	\$42,230.00	\$40,000.00	\$80,000.00	\$60,000.00	\$120,000.00	\$50,000.00	\$100,000.00	\$50,000.00	\$100,000.00
NA	JUNCTION CHAMBER, TIF, CLOSED LID	EACH	2	\$100,000.00	\$200,000.00	\$40,000.00	\$80,000.00	\$51,750.00	\$103,500.00	\$210,000.00	\$420,000.00	\$80,000.00	\$160,000.00	\$100,000.00	\$200,000.00	\$250,000.00	\$500,000.00
NA	STRUCTURES TO BE RECONSTRUCTED	EACH	15	\$1,500.00	\$22,500.00	\$1,100.00	\$16,500.00	\$1,300.00	\$19,500.00	\$1,800.00	\$27,000.00	\$1,500.00	\$22,500.00	\$2,200.00	\$33,000.00	\$3,000.00	\$45,000.00
NA	STRUCTURES TO BE ADJUSTED	EACH	18	\$750.00	\$13,500.00	\$500.00	\$9,000.00	\$350.00	\$6,300.00	\$750.00	\$13,500.00	\$800.00	\$14,400.00	\$600.00	\$10,800.00	\$1,100.00	\$19,800.00
NA	STRUCTURES TO BE ADJUSTED, SPECIAL	EACH	25	\$850.00	\$21,250.00	\$850.00	\$21,250.00	\$650.00	\$16,250.00	\$1,060.00	\$26,500.00	\$1,200.00	\$30,000.00	\$1,100.00	\$27,500.00	\$1,800.00	\$45,000.00
NA	STRUCTURES TO BE REMOVED	EACH	90	\$550.00	\$49,500.00	\$200.00	\$18,000.00	\$400.00	\$36,000.00	\$750.00	\$67,500.00	\$300.00	\$27,000.00	\$100.00	\$9,000.00	\$644.00	\$57,960.00
NA	CONFLICT MANHOLE, TYPE A, 4"-DIAMETER, TYPE 1	EACH	3	\$5,000.00	\$15,000.00	\$5,000.00	\$15,000.00	\$5,700.00	\$17,100.00	\$6,100.00	\$18,300.00	\$15,000.00	\$45,000.00	\$6,500.00	\$19,500.00	\$8,000.00	\$24,000.00
NA	SANITARY SEWER SERVICE TO BE ABANDONED	EACH	10	\$750.00	\$7,500.00	\$250.00	\$2,500.00	\$300.00	\$3,000.00	\$750.00	\$7,500.00	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$1,497.00	\$14,970.00
NA	REMOVE AND REPLACE BLOCK PLANTER	EACH	2	\$500.00	\$1,000.00	\$1,250.00	\$2,500.00	\$3,500.00	\$7,000.00	\$2,000.00	\$4,000.00	\$1,750.00	\$3,500.00	\$500.00	\$1,000.00	\$1,500.00	\$3,000.00
NA	TEMPORARY CONSTRUCTION FENCE FOR TREE PROTECTION	EACH	128	\$5.00	\$640.00	\$80.00	\$10,240.00	\$50.00	\$6,400.00	\$45.00	\$5,760.00	\$200.00	\$25,600.00	\$20.00	\$2,560.00	\$80.00	\$10,240.00
NA	ITEMS ORDERED BY THE ENGINEER	UNIT	50,000	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
NA	AS-BUILT DRAWINGS	L SUM	1	\$35,000.00	\$35,000.00	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$10,000.00</							



CHRISTOPHER B. BURKE ENGINEERING, LTD.

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

August 30, 2019

Village of Wilmette
1200 Wilmette Avenue
Wilmette, Illinois 60091

Attention: Dan Manis, PE –Village Engineer

Subject: Village of Wilmette Phase 1A Neighborhood Stormwater Storage Project
Bid Results
(CBBEL Project No. 18-0245)

Dear Mr. Manis:

On Thursday, August 29th, 2019 at 2:00 p.m. bids were received and opened for the subject project. Six (6) bids were received and have been tabulated below.

<u>COMPANY</u>	<u>BID</u>
Engineer's Estimate	\$6,750,732.00
DiMeo Brothers, Inc.	\$4,989,191.50
A Lamp Concrete	\$5,449,527.31
Berger Excavating	\$5,984,238.90
ACQUA Contractors	\$6,505,723.00
Bolder Contractors	\$7,360,865.39
Lenny Hoffman	\$7,767,286.00

The low responsive bidder was DiMeo Brothers, Inc. for the bid. CBBEL has completed two reference checks on DiMeo Brothers, Inc. and received positive feedback from the references. CBBEL believes their bid to be in order and our office recommends accepting DiMeo Brothers, Inc bid for the project as the Village desires based on their budget. Attached please find a copy of the bid tabulation for your review and files.

If you have any further questions, please do not hesitate to contact me at (847) 823-0500.

Sincerely,

James J. Massarelli, PE
Senior Project Manager

cc: Brigitte Berger-Raish, PE – Village of Wilmette (w/ enclosure)