2023 STORMWATER IMPROVEMENTS

COST ESTIMATE
Christopher B. Burke Engineering, Ltd.
9575 W. Higgins Road Suite 600
Rosemont, IL 60018

VILLAGE OF DEER PARK
CBBEL PROJECT # 16-0491.00073
DATE: 23-Feb-23

BASE BID PLUS ALTERNATE
RUE ORLEANAIS/RUE JARDIN
PHEASANT TRAIL
HUNTERS LANE
BRIARGATE LANE/BRAMBLE LANE
DEER VALLEY DRIVE

				Engineer's Estimate		NERI BROTHERS CONSTRUCTION, INC.		EVERLAST BLACKTOP INC.		MARTAM CONSTRUCTION, INC.		MAURO SEWER CONSTRUCTION, INC.		LENNY HOFFMAN EXCAVATING, INC.		CAMPANELLA AND SONS, INC.	
PAY ITEM NUMBER	PAY ITEM NAME	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
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	$50.00	$2,500.00	$100.00	$ 5,000.00	$50.00	$ 2,500.00	$63.00	$ 3,150.00	$125.00	$ 6,250.00	$84.00	$ 4,200.00	$88.20	$ 4,410.00
20101100	TREE TRUNK PROTECTION	EACH	5	$150.00	$750.00	$110.00	$ 550.00	$75.00	$ 375.00	$240.00	$ 1,200.00	$250.00	$ 1,250.00	$500.00	$ 2,500.00	$450.00	$ 2,250.00
21400100	GRADING AND SHAPING DITCHES	FOOT	2000	$15.00	$30,000.00	$9.50	$ 19,000.00	$23.00	$ 46,000.00	$20.00	$ 40,000.00	$26.00	$ 52,000.00	$24.00	$ 48,000.00	$30.45	$ 60,900.00
25100630	EROSION CONTROL BLANKET	SQ YD	4800	$10.00	$48,000.00	$1.50	$ 7,200.00	$2.00	$ 9,600.00	$2.70	$ 12,960.00	$2.50	$ 12,000.00	$2.25	$ 10,800.00	$2.50	$ 12,000.00
28000400	PERIMETER EROSION BARRIER	FOOT	75	$5.00	$375.00	$7.00	$ 525.00	$10.00	$ 750.00	$6.00	$ 450.00	$12.00	$ 900.00	$10.00	$ 750.00	$11.00	$ 825.00
28000510	INLET FILTERS	EACH	6	$250.00	$1,500.00	$262.00	$ 1,572.00	$100.00	$ 600.00	$250.00	$ 1,500.00	$175.00	$ 1,050.00	$275.00	$ 1,650.00	$300.00	$ 1,800.00
28100107	STONE RIPRAP, CLASS A4	SQ YD	25	$100.00	$2,500.00	$110.00	$ 2,750.00	$105.00	$ 2,625.00	$220.00	$ 5,500.00	$150.00	$ 3,750.00	$106.00	$ 2,650.00	$252.90	$ 6,322.50
28200200	FILTER FABRIC	SQ YD	320	$7.50	$2,400.00	$8.00	$ 2,560.00	$3.00	$ 960.00	$3.00	$ 960.00	$25.00	$ 8,000.00	$2.50	$ 800.00	$3.35	$ 1,072.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	135	$8.00	$1,080.00	$11.00	$ 1,485.00	$18.00	$ 2,430.00	$22.00	$ 2,970.00	$25.00	$ 3,375.00	$18.00	$ 2,430.00	$18.55	$ 2,504.25
50105220	PIPE CULVERT REMOVAL	FOOT	105	$10.00	$1,050.00	$10.00	$ 1,050.00	$14.00	$ 1,470.00	$14.00	$ 1,470.00	$20.00	$ 2,100.00	$12.00	$ 1,260.00	$21.95	$ 2,304.75
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	4	$1,250.00	$5,000.00	$1,660.00	$ 6,640.00	$1,250.00	$ 5,000.00	$1,180.00	$ 4,720.00	$1,300.00	$ 5,200.00	$1,061.00	$ 4,244.00	$1,109.50	$ 4,438.00
54262708	METAL FLARED END SECTIONS 8"	EACH	1	$500.00	$500.00	$655.00	$ 655.00	$650.00	$ 650.00	$380.00	$ 380.00	$500.00	$ 500.00	$456.00	$ 456.00	$468.25	$ 468.25
55100300	STORM SEWER REMOVAL 8"	FOOT	330	$10.00	$3,300.00	$8.00	$ 2,640.00	$29.00	$ 9,570.00	$7.00	$ 2,310.00	$25.00	$ 8,250.00	$11.00	$ 3,630.00	$18.55	$ 6,121.50
55100500	STORM SEWER REMOVAL 12"	FOOT	280	$10.00	$2,800.00	$12.00	$ 3,360.00	$23.00	$ 6,440.00	$8.00	$ 2,240.00	$30.00	$ 8,400.00	$11.00	$ 3,080.00	$20.00	$ 5,600.00
55100900	STORM SEWER REMOVAL 18"	FOOT	45	$15.00	$675.00	$20.00	$ 900.00	$16.00	$ 720.00	$11.00	$ 495.00	$45.00	$ 2,025.00	$13.00	$ 585.00	$20.35	$ 915.75
55101300	STORM SEWER REMOVAL 27"	FOOT	20	$15.00	$300.00	$35.00	$ 700.00	$20.00	$ 400.00	$18.00	$ 360.00	$55.00	$ 1,100.00	$32.00	$ 640.00	$33.20	$ 664.00
60108208	PIPE UNDERDRAINS, TYPE 2, 8"	FOOT	115	$100.00	$11,500.00	$73.55	$ 8,458.25	$75.00	$ 8,625.00	$61.00	$ 7,015.00	$100.00	$ 11,500.00	$92.00	$ 10,580.00	$106.65	$ 12,264.75
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	$2,750.00	$11,000.00	$4,495.00	$ 17,980.00	$3,750.00	$ 15,000.00	$4,620.00	$ 18,480.00	$6,000.00	$ 24,000.00	$2,792.00	$ 11,168.00	$3,770.80	$ 15,083.20
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	$1,500.00	$1,500.00	$2,095.00	$ 2,095.00	$1,750.00	$ 1,750.00	$1,680.00	$ 1,680.00	$1,500.00	$ 1,500.00	$1,443.00	$ 1,443.00	$1,960.50	$ 1,960.50
60260100	INLETS TO BE ADJUSTED	EACH	1	$500.00	$500.00	$450.00	$ 450.00	$650.00	$ 650.00	$580.00	$ 580.00	$1,000.00	$ 1,000.00	$1,043.00	$ 1,043.00	$910.00	$ 910.00
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	20	$40.00	$800.00	$58.50	$ 1,170.00	$60.00	$ 1,200.00	$61.00	$ 1,220.00	$50.00	$ 1,000.00	$60.00	$ 1,200.00	$146.00	$ 2,920.00
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	13	$250.00	$3,250.00	$350.00	$ 4,550.00	$275.00	$ 3,575.00	$175.00	$ 2,275.00	$100.00	$ 1,300.00	$275.00	$ 3,575.00	$272.10	$ 3,537.30
X5610001	CLEANOUTS	EACH	1	$1,000.00	$1,000.00	$878.00	$ 878.00	$500.00	$ 500.00	$480.00	$ 480.00	$1,000.00	$ 1,000.00	$631.00	$ 631.00	$922.70	$ 922.70
X6021900	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE, RESTRICTOR PLATE	EACH	1	$3,000.00	$3,000.00	$5,095.00	$ 5,095.00	$5,700.00	$ 5,700.00	$8,460.00	$ 8,460.00	$5,000.00	$ 5,000.00	$6,740.00	$ 6,740.00	$10,565.55	$ 10,565.55
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	$10,000.00	$10,000.00	$12,100.00	$ 12,100.00	$72,500.00	$ 72,500.00	$55,000.00	$ 55,000.00	$21,000.00	$ 21,000.00	$111,662.00	$ 111,662.00	$34,865.50	$ 34,865.50
XX001877	SUMP PUMP LINE CONNECTION	EACH	4	$2,000.00	$8,000.00	$865.00	$ 3,460.00	$900.00	$ 3,600.00	$810.00	$ 3,240.00	$1,500.00	$ 6,000.00	$1,379.00	$ 5,516.00	$759.50	$ 3,038.00
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	135	$60.00	$8,100.00	$56.00	$ 7,560.00	$57.00	$ 7,695.00	$78.00	$ 10,530.00	$55.00	$ 7,425.00	$65.00	$ 8,775.00	$40.15	$ 5,420.25
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	158	$50.00	$7,900.00	$20.00	$ 3,160.00	$42.00	$ 6,636.00	$31.00	$ 4,898.00	$165.00	$ 26,070.00	$50.00	$ 7,900.00	$63.45	$ 10,025.10
NA	AS-BUILT DRAWINGS	LSUM	1	$5,000.00	$5,000.00	$4,500.00	$ 4,500.00	$2,500.00	$ 2,500.00	$4,700.00	$ 4,700.00	$10,000.00	$ 10,000.00	$2,600.00	$ 2,600.00	$3,500.00	$ 3,500.00
NA	CLASS D PATCHES, 10" (SPECIAL)	SQ YD	185	$200.00	$37,000.00	$116.00	$ 21,460.00	$108.00	$ 19,980.00	$166.00	$ 30,710.00	$150.00	$ 27,750.00	$165.00	$ 30,525.00	$174.40	$ 32,264.00
NA	CONSTRUCTION LAYOUT	LSUM	1	$10,000.00	$10,000.00	$8,250.00	$ 8,250.00	$10,000.00	$ 10,000.00	$9,000.00	$ 9,000.00	$7,000.00	$ 7,000.00	$5,700.00	$ 5,700.00	$6,500.00	$ 6,500.00
NA	GENERAL LANDSCAPE RESTORATION (SPECIAL)	SQ YD	5997	$10.00	$59,970.00	$8.50	$ 50,974.50	$7.70	$ 46,176.90	$7.20	$ 43,178.40	$9.00	$ 53,973.00	$6.00	$ 35,982.00	$9.60	$ 57,571.20
NA	PIPE CULVERTS, CLASS A, TYPE 1 12" (RCP)	FOOT	130	$90.00	$11,700.00	$75.20	$ 9,776.00	$71.00	$ 9,230.00	$116.00	$ 15,080.00	$85.00	$ 11,050.00	$66.00	$ 8,580.00	$99.90	$ 12,987.00
NA	PIPE CULVERTS, CLASS A, TYPE 1 18" (RCP)	FOOT	45	$100.00	$4,500.00	$92.70	$ 4,171.50	$84.00	$ 3,780.00	$138.00	$ 6,210.00	$85.00	$ 3,825.00	$78.00	$ 3,510.00	$146.75	$ 6,603.75
NA	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" WITH GRATE	EACH	4	$1,250.00	$5,000.00	$1,820.00	$ 7,280.00	$1,900.00	$ 7,600.00	$1,610.00	$ 6,440.00	$1,500.00	$ 6,000.00	$1,416.00	$ 5,664.00	$1,241.00	$ 4,964.00
NA	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" WITH GRATE	EACH	2	$1,750.00	$3,500.00	$2,135.00	$ 4,270.00	$2,045.00	$ 4,090.00	$2,260.00	$ 4,520.00	$2,000.00	$ 4,000.00	$1,600.00	$ 3,200.00	$2,023.00	$ 4,046.00
NA	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" WITH GRATE	EACH	2	$2,500.00	$5,000.00	$3,262.00	$ 6,524.00	$2,360.00	$ 4,720.00	$2,680.00	$ 5,360.00	$2,500.00	$ 5,000.00	$2,364.00	$ 4,728.00	$1,920.00	$ 3,840.00
NA	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27" WITH GRATE	FOOT	1	$3,000.00	$3,000.00	$3,986.00	$ 3,986.00	$3,400.00	$ 3,400.00	$2,990.00	$ 2,990.00	$3,500.00	$ 3,500.00	$2,577.00	$ 2,577.00	$3,545.80	$ 3,545.80
NA	REMOVE AND RELOCATE WOOD BRIDGE	EACH	1	$500.00	$500.00	$2,450.00	$ 2,450.00	$3,000.00	$ 3,000.00	$6,500.00	$ 6,500.00	$13,000.00	$ 13,000.00	$4,652.00	$ 4,652.00	$3,926.05	$ 3,926.05
NA	STORM SEWERS, CLASS A, TYPE 1 12" (RCP)	FOOT	30	$80.00	$2,400.00	$75.20	$ 2,256.00	$79.00	$ 2,370.00	$116.00	$ 3,480.00	$100.00	$ 3,000.00	$91.00	$ 2,730.00	$111.10	$ 3,333.00
NA	STORM SEWERS, CLASS A, TYPE 1 24" (RCP)	FOOT	30	$120.00	$3,600.00	$137.20	$ 4,116.00	$105.00	$ 3,150.00	$168.00	$ 5,040.00	$175.00	$ 5,250.00	$120.00	$ 3,600.00	$166.35	$ 4,990.50
NA	STORM SEWERS, CLASS A, TYPE 1 27" (RCP)	FOOT	20	$140.00	$2,800.00	$167.10	$ 3,342.00	$115.00	$ 2,300.00	$178.00	$ 3,560.00	$200.00	$ 4,000.00	$186.00	$ 3,720.00	$246.00	$ 4,920.00
NA	STORM SEWERS, CLASS B, TYPE 1 4" (PVC)	FOOT	20	$40.00	$800.00	$56.30	$ 1,126.00	$75.00	$ 1,500.00	$46.00	$ 920.00	$75.00	$ 1,500.00	$71.00	$ 1,420.00	$74.15	$ 1,483.00
NA	STORM SEWERS, CLASS B, TYPE 1 8" (PVC)	FOOT	340	$40.00	$13,600.00	$74.55	$ 25,347.00	$75.00	$ 25,500.00	$76.00	$ 25,840.00	$59.00	$ 20,060.00	$71.00	$ 24,140.00	$86.05	$ 29,257.00
NA	STORM SEWERS, CLASS B, TYPE 1 12" (PVC)	FOOT	435	$80.00	$34,800.00	$98.20	$ 42,717.00	$95.00	$ 41,325.00	$112.00	$ 48,720.00	$69.00	$ 30,015.00	$92.00	$ 40,020.00	$110.15	$ 47,915.25
NA	STRAW WATTLE	FOOT	90	$15.00	$1,350.00	$16.50	$ 1,485.00	$16.00	$ 1,440.00	$18.00	$ 1,620.00	$25.00	$ 2,250.00	$15.00	$ 1,350.00	$16.50	$ 1,485.00
NA	YARD DRAIN AND GRATE, 18"	EACH	3	$400.00	$1,200.00	$2,795.00	$ 8,385.00	$4,200.00	$ 12,600.00	$3,860.00	$ 11,580.00	$3,000.00	$ 9,000.00	$2,734.00	$ 8,202.00	$2,874.00	$ 8,622.00
NA	YARD DRAIN AND GRATE, 36"	EACH	1	$3,000.00	$3,000.00	$8,737.00	$ 8,737.00	$8,900.00	$ 8,900.00	$8,820.00	$ 8,820.00	$4,000.00	$ 4,000.00	$6,969.00	$ 6,969.00	$8,519.00	$ 8,519.00
				TOTAL	**$ 378,000.00**	**TOTAL**	**$ 344,696.25**	**TOTAL**	**$ 431,082.90**	**TOTAL**	**$ 438,791.40**	**TOTAL**	**$ 447,118.00**	**TOTAL**	**$ 457,777.00**	**TOTAL**	**$ 464,381.40**
												As-Read	**$ 799,786.00**				