

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

VILLAGE OF HARWOOD HEIGHTS
 2017 ALLEY RECONSTRUCTION PROJECT
 (CBBEL PROJECT NO. 17-0310)

BID TAB
 DATE: November 15, 2018

CODE	PAY ITEM DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MQ CONSTRUCTION CO.		SCHROEDER CONCRETE		MARTAM CONSTRUCTION	
				UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
20101700	SUPPLEMENTAL WATERING	EACH	28	\$ 100.00	\$ 2,800.00	\$ 60.00	\$ 1,680.00	\$ 150.00	\$ 4,200.00	\$ 2.00	\$ 56.00
20200100	EARTH EXCAVATION	CU YD	385	\$ 50.00	\$ 19,250.00	\$ 55.00	\$ 21,175.00	\$ 42.00	\$ 16,170.00	\$ 64.00	\$ 24,640.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	225	\$ 50.00	\$ 11,250.00	\$ 55.00	\$ 12,375.00	\$ 42.00	\$ 9,450.00	\$ 64.00	\$ 14,400.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,635	\$ 2.50	\$ 4,087.50	\$ 1.50	\$ 2,452.50	\$ 2.00	\$ 3,270.00	\$ 2.00	\$ 3,270.00
*20800150	TRENCH BACKFILL, SPECIAL	CU YD	175	\$ 40.00	\$ 7,000.00	\$ 6.00	\$ 1,050.00	\$ 25.00	\$ 4,375.00	\$ 49.00	\$ 8,575.00
*25200100	SODDING, SPECIAL	SQ YD	100	\$ 10.00	\$ 1,000.00	\$ 75.00	\$ 7,500.00	\$ 25.00	\$ 2,500.00	\$ 33.00	\$ 3,300.00
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	225	\$ 50.00	\$ 11,250.00	\$ 44.00	\$ 9,900.00	\$ 38.00	\$ 8,550.00	\$ 46.00	\$ 10,350.00
*40201000	AGGREGATE FOR TEMPORARY ACCESS	EACH	55	\$ 250.00	\$ 13,750.00	\$ 150.00	\$ 8,250.00	\$ 100.00	\$ 5,500.00	\$ 180.00	\$ 9,900.00
*42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	1,355	\$ 55.00	\$ 74,525.00	\$ 84.00	\$ 113,820.00	\$ 87.50	\$ 118,562.50	\$ 66.00	\$ 89,430.00
*42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	485	\$ 10.00	\$ 4,850.00	\$ 12.00	\$ 5,820.00	\$ 10.00	\$ 4,850.00	\$ 8.00	\$ 3,880.00
42400800	DETECTABLE WARNINGS	SQ FT	90	\$ 50.00	\$ 4,500.00	\$ 35.00	\$ 3,150.00	\$ 35.00	\$ 3,150.00	\$ 31.00	\$ 2,790.00
44000100	PAVEMENT REMOVAL	SQ YD	2,610	\$ 20.00	\$ 52,200.00	\$ 24.00	\$ 62,640.00	\$ 15.00	\$ 39,150.00	\$ 18.00	\$ 46,980.00
44000600	SIDEWALK REMOVAL	SQ FT	485	\$ 3.00	\$ 1,455.00	\$ 1.00	\$ 485.00	\$ 2.00	\$ 970.00	\$ 2.00	\$ 970.00
*44201723	CLASS D PATCHES, 6" (SPECIAL)	SQ YD	50	\$ 100.00	\$ 5,000.00	\$ 75.00	\$ 3,750.00	\$ 90.00	\$ 4,500.00	\$ 67.00	\$ 3,350.00
48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	210	\$ 50.00	\$ 10,500.00	\$ 65.00	\$ 13,650.00	\$ 200.00	\$ 42,000.00	\$ 66.00	\$ 13,860.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12" RCP	FOOT	575	\$ 75.00	\$ 43,125.00	\$ 61.00	\$ 35,075.00	\$ 65.00	\$ 37,375.00	\$ 58.00	\$ 33,350.00
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	1,470	\$ 20.00	\$ 29,400.00	\$ 4.00	\$ 5,880.00	\$ 25.00	\$ 36,750.00	\$ 12.00	\$ 17,640.00
*60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	\$ 5,000.00	\$ 10,000.00	\$ 6,500.00	\$ 13,000.00	\$ 6,900.00	\$ 13,800.00	\$ 4,680.00	\$ 9,360.00
*60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 4,900.00	\$ 4,900.00	\$ 3,680.00	\$ 3,680.00
*60200105	OPEN-BOTTOM CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	\$ 3,000.00	\$ 6,000.00	\$ 5,000.00	\$ 10,000.00	\$ 6,900.00	\$ 13,800.00	\$ 5,400.00	\$ 10,800.00
*60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	\$ 2,000.00	\$ 4,000.00	\$ 1,100.00	\$ 2,200.00	\$ 1,800.00	\$ 3,600.00	\$ 1,260.00	\$ 2,520.00
67100100	MOBILIZATION	L. SUM	1	\$ 20,000.00	\$ 20,000.00	\$ 18,500.00	\$ 18,500.00	\$ 7,500.00	\$ 7,500.00	\$ 22,000.00	\$ 22,000.00
*70100100	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L. SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00
72000100	SIGN PANEL - TYPE 1	SQ FT	12	\$ 15.00	\$ 180.00	\$ 40.00	\$ 480.00	\$ 25.00	\$ 300.00	\$ 56.00	\$ 672.00
72900100	METAL POST - TYPE A	FOOT	80	\$ 10.00	\$ 800.00	\$ 16.00	\$ 1,280.00	\$ 15.00	\$ 1,200.00	\$ 18.00	\$ 1,440.00
*Z0013798	CONSTRUCTION LAYOUT	L. SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 6,250.00	\$ 6,250.00	\$ 7,500.00	\$ 7,500.00
*Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 500.00	\$ 1,000.00	\$ 360.00	\$ 720.00
*X0322881	TREE TRIMMING	EACH	20	\$ 100.00	\$ 2,000.00	\$ 200.00	\$ 4,000.00	\$ 185.00	\$ 3,700.00	\$ 150.00	\$ 3,000.00
*XX003435	PCC DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	625	\$ 75.00	\$ 46,875.00	\$ 72.00	\$ 45,000.00	\$ 72.00	\$ 45,000.00	\$ 68.00	\$ 42,500.00
*XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,250.00	\$ 1,250.00	\$ 1,500.00	\$ 1,500.00
*XX004774	BRICK DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	10	\$ 75.00	\$ 750.00	\$ 300.00	\$ 3,000.00	\$ 150.00	\$ 1,500.00	\$ 156.00	\$ 1,560.00
*XX006947	HMA DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	40	\$ 75.00	\$ 3,000.00	\$ 60.00	\$ 2,400.00	\$ 65.00	\$ 2,600.00	\$ 68.00	\$ 2,720.00
*NA	AS-BUILT DRAWINGS	L. SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,750.00	\$ 3,750.00	\$ 2,600.00	\$ 2,600.00
*NA	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	550	\$ 30.00	\$ 16,500.00	\$ 39.00	\$ 21,450.00	\$ 32.50	\$ 17,875.00	\$ 33.00	\$ 18,150.00
*NA	EDGE SLOPE ADJUSTMENT	FOOT	1,100	\$ 7.50	\$ 8,250.00	\$ 7.00	\$ 7,700.00	\$ 7.00	\$ 7,700.00	\$ 14.00	\$ 15,400.00
*NA	POROUS CONCRETE UNIT PAVERS	SQ FT	7,875	\$ 20.00	\$ 157,500.00	\$ 20.00	\$ 157,500.00	\$ 16.50	\$ 129,937.50	\$ 21.50	\$ 169,312.50
*NA	STRUCTURES TO BE ADJUSTED (SPECIAL)	EACH	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 660.00	\$ 660.00
*NA	TENSAR GEOGRID	SQ YD	2,240	\$ 6.00	\$ 13,440.00	\$ 1.50	\$ 3,360.00	\$ 4.00	\$ 8,960.00	\$ 3.00	\$ 6,720.00
*NA	TIDEFLEX CHECK VALVE, 12"	EACH	2	\$ 7,500.00	\$ 15,000.00	\$ 4,000.00	\$ 8,000.00	\$ 4,800.00	\$ 9,600.00	\$ 2,960.00	\$ 5,920.00

*INDICATES SPECIAL PROVISION

TOTAL = \$ 639,737.50 TOTAL = \$ 624,022.50 TOTAL = \$ 635,945.00 TOTAL = \$ 645,475.50

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CODE	PAY ITEM DESCRIPTION	UNIT	QUANTITY	SUMIT CONSTRUCTION		TRIGGI CONSTRUCTION		M&J ASPHALT		ALLIANCE CONTRACTORS	
				UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
20101700	SUPPLEMENTAL WATERING	EACH	28	\$ 50.00	\$ 1,400.00	\$ 1.00	\$ 28.00	\$ 20.00	\$ 560.00	\$ 373.00	\$ 10,444.00
20200100	EARTH EXCAVATION	CU YD	385	\$ 46.00	\$ 17,710.00	\$ 50.00	\$ 19,250.00	\$ 70.00	\$ 26,950.00	\$ 65.00	\$ 25,025.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	225	\$ 70.00	\$ 15,750.00	\$ 50.00	\$ 11,250.00	\$ 65.00	\$ 14,625.00	\$ 65.00	\$ 14,625.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,635	\$ 3.20	\$ 5,232.00	\$ 2.50	\$ 4,087.50	\$ 1.10	\$ 1,798.50	\$ 3.00	\$ 4,905.00
*20800150	TRENCH BACKFILL, SPECIAL	CU YD	175	\$ 40.00	\$ 7,000.00	\$ 25.00	\$ 4,375.00	\$ 73.00	\$ 12,775.00	\$ 48.00	\$ 8,400.00
*25200100	SODDING, SPECIAL	SQ YD	100	\$ 18.00	\$ 1,800.00	\$ 25.00	\$ 2,500.00	\$ 50.00	\$ 5,000.00	\$ 137.00	\$ 13,700.00
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	225	\$ 42.00	\$ 9,450.00	\$ 30.00	\$ 6,750.00	\$ 74.00	\$ 16,650.00	\$ 42.00	\$ 9,450.00
*40201000	AGGREGATE FOR TEMPORARY ACCESS	EACH	55	\$ 100.00	\$ 5,500.00	\$ 50.00	\$ 2,750.00	\$ 35.00	\$ 1,925.00	\$ 1.00	\$ 55.00
*42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	1,355	\$ 80.00	\$ 108,400.00	\$ 100.00	\$ 135,500.00	\$ 104.00	\$ 140,920.00	\$ 123.75	\$ 167,681.25
*42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	485	\$ 8.70	\$ 4,219.50	\$ 10.00	\$ 4,850.00	\$ 6.50	\$ 3,152.50	\$ 8.10	\$ 3,928.50
42400800	DETECTABLE WARNINGS	SQ FT	90	\$ 30.00	\$ 2,700.00	\$ 25.00	\$ 2,250.00	\$ 30.00	\$ 2,700.00	\$ 25.00	\$ 2,250.00
44000100	PAVEMENT REMOVAL	SQ YD	2,610	\$ 29.00	\$ 75,690.00	\$ 20.00	\$ 52,200.00	\$ 29.00	\$ 75,690.00	\$ 60.00	\$ 156,600.00
44000600	SIDEWALK REMOVAL	SQ FT	485	\$ 2.20	\$ 1,067.00	\$ 2.50	\$ 1,212.50	\$ 2.00	\$ 970.00	\$ 6.95	\$ 3,370.75
*44201723	CLASS D PATCHES, 6" (SPECIAL)	SQ YD	50	\$ 50.00	\$ 2,500.00	\$ 125.00	\$ 6,250.00	\$ 160.00	\$ 8,000.00	\$ 126.50	\$ 6,325.00
48300100	PORTLAND CEMENT CONCRETE SHOULDERS 6"	SQ YD	210	\$ 64.00	\$ 13,440.00	\$ 65.00	\$ 13,650.00	\$ 70.00	\$ 14,700.00	\$ 91.50	\$ 19,215.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12" RCP	FOOT	575	\$ 66.00	\$ 37,950.00	\$ 75.00	\$ 43,125.00	\$ 76.00	\$ 43,700.00	\$ 137.00	\$ 78,775.00
60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	1,470	\$ 22.00	\$ 32,340.00	\$ 25.00	\$ 36,750.00	\$ 24.50	\$ 36,015.00	\$ 6.45	\$ 9,481.50
*60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	\$ 8,100.00	\$ 16,200.00	\$ 7,000.00	\$ 14,000.00	\$ 14,180.00	\$ 28,360.00	\$ 4,525.00	\$ 9,050.00
*60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	\$ 4,800.00	\$ 4,800.00	\$ 5,000.00	\$ 5,000.00	\$ 2,967.00	\$ 2,967.00	\$ 3,200.00	\$ 3,200.00
*60200105	OPEN-BOTTOM CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	\$ 4,500.00	\$ 9,000.00	\$ 7,000.00	\$ 14,000.00	\$ 4,500.00	\$ 9,000.00	\$ 2,825.00	\$ 5,650.00
*60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	\$ 1,400.00	\$ 2,800.00	\$ 2,000.00	\$ 4,000.00	\$ 1,220.00	\$ 2,440.00	\$ 1,740.00	\$ 3,480.00
67100100	MOBILIZATION	L. SUM	1	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,525.00	\$ 15,525.00	\$ 5,750.00	\$ 5,750.00
*70100100	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L. SUM	1	\$ 22,000.00	\$ 22,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,250.00	\$ 8,250.00	\$ 5,400.00	\$ 5,400.00
72000100	SIGN PANEL - TYPE 1	SQ FT	12	\$ 35.00	\$ 420.00	\$ 50.00	\$ 600.00	\$ 20.00	\$ 240.00	\$ 30.00	\$ 360.00
72900100	METAL POST - TYPE A	FOOT	80	\$ 12.00	\$ 960.00	\$ 25.00	\$ 2,000.00	\$ 20.00	\$ 1,600.00	\$ 15.00	\$ 1,200.00
*Z0013798	CONSTRUCTION LAYOUT	L. SUM	1	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,325.00	\$ 8,325.00	\$ 2,500.00	\$ 2,500.00
*Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00	\$ 243.00	\$ 486.00	\$ 200.00	\$ 400.00
*X0322881	TREE TRIMMING	EACH	20	\$ 75.00	\$ 1,500.00	\$ 150.00	\$ 3,000.00	\$ 365.00	\$ 7,300.00	\$ 75.00	\$ 1,500.00
*XX003435	PCC DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	625	\$ 90.00	\$ 56,250.00	\$ 85.00	\$ 53,125.00	\$ 81.00	\$ 50,625.00	\$ 148.00	\$ 92,500.00
*XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	1	\$ 3,000.00	\$ 3,000.00	\$ 500.00	\$ 500.00	\$ 2,750.00	\$ 2,750.00	\$ 750.00	\$ 750.00
*XX004774	BRICK DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	10	\$ 40.00	\$ 400.00	\$ 100.00	\$ 1,000.00	\$ 165.00	\$ 1,650.00	\$ 75.00	\$ 750.00
*XX006947	HMA DRIVEWAY REMOVAL AND REPLACEMENT, SPECIAL	SQ YD	40	\$ 45.00	\$ 1,800.00	\$ 100.00	\$ 4,000.00	\$ 105.00	\$ 4,200.00	\$ 118.00	\$ 4,720.00
*NA	AS-BUILT DRAWINGS	L. SUM	1	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,500.00	\$ 4,500.00	\$ 500.00	\$ 500.00
*NA	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	550	\$ 48.00	\$ 26,400.00	\$ 45.00	\$ 24,750.00	\$ 41.00	\$ 22,550.00	\$ 63.50	\$ 34,925.00
*NA	EDGE SLOPE ADJUSTMENT	FOOT	1,100	\$ 15.00	\$ 16,500.00	\$ 7.75	\$ 8,525.00	\$ 6.00	\$ 6,600.00	\$ 12.95	\$ 14,245.00
*NA	POROUS CONCRETE UNIT PAVERS	SQ FT	7,875	\$ 13.50	\$ 106,312.50	\$ 20.00	\$ 157,500.00	\$ 22.00	\$ 173,250.00	\$ 15.40	\$ 121,275.00
*NA	STRUCTURES TO BE ADJUSTED (SPECIAL)	EACH	1	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 1,650.00	\$ 1,650.00
*NA	TENSAR GEOGRID	SQ YD	2,240	\$ 4.00	\$ 8,960.00	\$ 1.75	\$ 3,920.00	\$ 1.70	\$ 3,808.00	\$ 12.00	\$ 26,880.00
*NA	TIDEFLEX CHECK VALVE, 12"	EACH	2	\$ 3,900.00	\$ 7,800.00	\$ 5,000.00	\$ 10,000.00	\$ 3,830.00	\$ 7,660.00	\$ 1,845.00	\$ 3,690.00
				TOTAL = \$ 664,151.00		TOTAL = \$ 685,698.00		TOTAL = \$ 768,867.00		TOTAL = \$ 874,606.00	

*INDICATES SPECIAL PROVISION