



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018

VILLAGE OF CHICAGO RIDGE
 107TH STREET PUMP STATION IMPROVEMENTS
 CBBEL PROJECT NO. 900061.T0121

				<i>Engineer's Estimate</i>		Independent Mechanical Industries, Inc. 2671 United Lane Elk Grove Village, IL 60007		AMS Mechanical Systems, Inc. 9341 Adam Don Parkway Woodridge, IL 60517		Genco Industries, Inc. 13610 South Kenton Avenue Crestwood, IL 60445		Helm Mechanical 900 Oakmont Lane, Suite 200 Westmont, IL 60559	
CODE NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
02 41 52/01	DEMOLITION OF EXISTING PUMP STATION	L SUM	1	\$ 50,000.00	\$ 50,000.00	\$ 18,685.00	\$ 18,685.00	\$ 14,000.00	\$ 14,000.00	\$ 48,300.00	\$ 48,300.00	\$ 37,447.00	\$ 37,447.00
04 20 00/01	UNIT MASONRY	L SUM	1	\$ 20,000.00	\$ 20,000.00	\$ 13,859.00	\$ 13,859.00	\$ 13,400.00	\$ 13,400.00	\$ 9,850.00	\$ 9,850.00	\$ 12,325.00	\$ 12,325.00
08 16 13/01	FIBERGLASS CHLORINE ROOM DOOR, FRAME, AND HARDWARE	L SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 15,092.00	\$ 15,092.00	\$ 14,520.00	\$ 14,520.00	\$ 10,900.00	\$ 10,900.00	\$ 8,481.00	\$ 8,481.00
26 05 19/01	LOW-VOLTAGE ELECTRICAL CONDUCTORS AND CABLES	L SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 4,245.00	\$ 4,245.00	\$ 2,800.00	\$ 2,800.00	\$ 4,800.00	\$ 4,800.00	\$ 6,000.00	\$ 6,000.00
26 05 26/01	GROUNDING AND BONDING OF ELECTRICAL SYSTEMS	L SUM	1	\$ 2,500.00	\$ 2,500.00	\$ 2,115.00	\$ 2,115.00	\$ 2,000.00	\$ 2,000.00	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 1,500.00
26 05 33/01	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	L SUM	1	\$ 10,000.00	\$ 10,000.00	\$ 4,245.00	\$ 4,245.00	\$ 3,600.00	\$ 3,600.00	\$ 4,500.00	\$ 4,500.00	\$ 5,520.00	\$ 5,520.00
27 51 25/01	MODIFICATIONS TO EXISTING SCADA SYSTEM	L SUM	1	\$ 25,000.00	\$ 25,000.00	\$ 10,392.00	\$ 10,392.00	\$ 10,000.00	\$ 10,000.00	\$ 11,000.00	\$ 11,000.00	\$ 13,513.00	\$ 13,513.00
33 11 00/01	DUCTILE IRON PIPE AND FITTINGS	L SUM	1	\$ 60,000.00	\$ 60,000.00	\$ 31,375.00	\$ 31,375.00	\$ 58,880.00	\$ 58,880.00	\$ 55,000.00	\$ 55,000.00	\$ 57,005.00	\$ 57,005.00
33 11 00/02	10" SILENT CHECK VALVE	EACH	3	\$ 12,500.00	\$ 37,500.00	\$ 2,334.00	\$ 7,002.00	\$ 2,000.00	\$ 6,000.00	\$ 3,600.00	\$ 10,800.00	\$ 4,929.00	\$ 14,787.00
33 11 00/03	16" FLOW METER	EACH	1	\$ 30,000.00	\$ 30,000.00	\$ 17,320.00	\$ 17,320.00	\$ 20,000.00	\$ 20,000.00	\$ 26,600.00	\$ 26,600.00	\$ 25,814.00	\$ 25,814.00
33 11 18/01	COMMISSIONING WATER DISTRIBUTION SYSTEM	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 4,549.00	\$ 4,549.00	\$ 2,000.00	\$ 2,000.00	\$ 9,800.00	\$ 9,800.00	\$ 4,140.00	\$ 4,140.00
33 42 00/01	75 HP VERTICAL, SINGLE-STAGE SPLIT CASE PUMP WITH FLEXIBLE SHAFT AND SAFETY GUARD	EACH	2	\$ 60,000.00	\$ 120,000.00	\$ 49,893.00	\$ 99,786.00	\$ 47,000.00	\$ 94,000.00	\$ 54,250.00	\$ 108,500.00	\$ 66,306.00	\$ 132,612.00
33 42 00/02	100 HP VERTICAL, SINGLE-STAGE SPLIT CASE PUMP WITH FLEXIBLE SHAFT AND SAFETY GUARD	EACH	1	\$ 70,000.00	\$ 70,000.00	\$ 60,286.00	\$ 60,286.00	\$ 56,800.00	\$ 56,800.00	\$ 68,500.00	\$ 68,500.00	\$ 87,856.00	\$ 87,856.00
BASE BID TOTAL COST					\$ 460,000.00		\$ 288,951.00		\$ 298,000.00		\$ 369,300.00		\$ 407,000.00

Alternate #1

CODE NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
33 11 00/04	10" BUTTERFLY VALVE	EACH	3	\$ 12,500.00	\$ 37,500.00	\$ 2,498.00	\$ 7,494.00	\$ 2,500.00	\$ 7,500.00	\$ 3,000.00	\$ 9,000.00	\$ 4,166.00	\$ 12,498.00
33 11 00/06	16" BUTTERFLY VALVE	EACH	3	\$ 17,500.00	\$ 52,500.00	\$ 4,695.00	\$ 14,085.00	\$ 3,734.00	\$ 11,202.00	\$ 6,500.00	\$ 19,500.00	\$ 7,098.00	\$ 21,294.00
ALTERNATE #1 TOTAL COST					\$ 90,000.00		\$ 21,579.00		\$ 18,702.00		\$ 28,500.00		\$ 33,792.00

Alternate #2

CODE NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
01 73 29/01	PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	90	\$ 30.00	\$ 2,700.00	\$ 126.00	\$ 11,340.00	\$ 123.67	\$ 11,130.30	\$ 106.00	\$ 9,540.00	\$ 163.18	\$ 14,686.00
03 30 00/01	COMBINATION CURB AND GUTTER	FOOT	30	\$ 50.00	\$ 1,500.00	\$ 181.00	\$ 5,430.00	\$ 179.00	\$ 5,370.00	\$ 155.00	\$ 4,650.00	\$ 96.93	\$ 2,908.00
33 11 00/05	REMOVE AND REPLACE 16" BUTTERFLY VALVE	EACH	1	\$ 30,000.00	\$ 30,000.00	\$ 11,119.00	\$ 11,119.00	\$ 11,300.00	\$ 11,300.00	\$ 26,000.00	\$ 26,000.00	\$ 14,600.00	\$ 14,600.00
ALTERNATE #2 TOTAL COST					\$ 34,200.00		\$ 27,889.00		\$ 27,800.30		\$ 40,190.00		\$ 32,194.00

Alternate #3

CODE NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
02 41 52/02	SAW CUT FLOOR DRAINAGE CHANNEL	EACH	1	\$ 20,000.00	\$ 20,000.00	\$ 24,756.00	\$ 24,756.00	\$ 16,800.00	\$ 16,800.00	\$ 25,500.00	\$ 25,500.00	\$ 24,080.00	\$ 24,080.00
ALTERNATE #3 TOTAL COST					\$ 20,000.00		\$ 24,756.00		\$ 16,800.00		\$ 25,500.00		\$ 24,080.00

Alternate #4

CODE NUMBER	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
03 01 00/01	CLEAN WATER RESERVOIR EXTERIOR CONCRETE SURFACE	L SUM	1	\$ 20,000.00	\$ 20,000.00	\$ 20,296.00	\$ 20,296.00	\$ 22,900.00	\$ 22,900.00	\$ 19,500.00	\$ 19,500.00	\$ 9,944.00	\$ 9,944.00
05 53 00/01	REMOVE WATER RESERVOIR INTERIOR LADDER	L SUM	1	\$ 20,000.00	\$ 20,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,200.00	\$ 3,200.00	\$ 8,462.00	\$ 8,462.00
05 53 00/02	WATER RESERVOIR INTERIOR LADDER, VERTICAL CLIMB SAFETY SYSTEM, LADDER SAFETY POST, FULL-BODY HARNESS, AND INTERNAL SHOCK LANYARD	L SUM	1	\$ 25,000.00	\$ 25,000.00	\$ 24,371.00	\$ 24,371.00	\$ 44,000.00	\$ 44,000.00	\$ 59,500.00	\$ 59,500.00	\$ 34,988.00	\$ 34,988.00
31 10 00/01	VEGETATION REMOVAL	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 10,998.00	\$ 10,998.00	\$ 13,000.00	\$ 13,000.00	\$ 6,500.00	\$ 6,500.00	\$ 5,000.00	\$ 5,000.00
32 92 19/01	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	425	\$ 20.00	\$ 8,500.00	\$ 39.16	\$ 16,643.00	\$ 44.00	\$ 18,700.00	\$ 13.00	\$ 5,525.00	\$ 4.00	\$ 1,700.00
32 92 19/02	SEEDING, CLASS 1	SQ YD	425	\$ 10.00	\$ 4,250.00	\$ 21.76	\$ 9,248.00	\$ 23.53	\$ 10,000.25	\$ 13.00	\$ 5,525.00	\$ 3.00	\$ 1,275.00
ALTERNATE #4 TOTAL COST					\$ 82,750.00		\$ 85,556.00		\$ 112,600.25		\$ 99,750.00		\$ 61,369.00

AS CORRECTED BY CBBEL