



Local Public Agency: Village of Orland Park
County: Cook & Will Counties

Section Number: 14-0000-00-GM

[illegible]

Regional Engineer

Date _____

STATE OF ILLINOIS
ESTIMATED COST OF MAINTENANCE OPERATIONS

Village of Orland Park
BLR 14231 Attachment

SUMMARY

MAINTENANCE/OPERATION	QUANTITY	LABOR	MATERIAL	EQUIPMENT	TOTALS
Pavement Maintenance		\$ 54,468		\$ 38,475	\$ 92,943
Crack Sealing		\$ 908		\$ 739	\$ 1,647
Storm Sewer Maintenance & Repair		\$ 97,135		\$ 100,034	\$ 197,168
Storm Sewer & Ditch Cleaning		\$ 48,113		\$ 47,825	\$ 95,938
Sidewalk & Curb Maintenance		\$ 241,702		\$ 127,121	\$ 368,823
Street Lighting Maintenance		\$ 191,773		\$ 219,172	\$ 410,945
Street Lighting & Traffic Signal - Energy	\$ 30,000				\$ 30,000
Traffic Control		\$ 7,262		\$ 2,309	\$ 9,571
Traffic & Street Signs		\$ 101,447		\$ 93,551	\$ 194,998
Pavement Marking		\$ 908		\$ 294	\$ 1,202
Tree Trimming & Removal		\$ 501,559		\$ 309,535	\$ 811,094
Snow & Ice Control - Removal		\$ 201,070		\$ 218,414	\$ 419,484
State Salt Purchase	5,000.00		\$ 256,400		\$ 256,400
Median Maintenance		\$ 122,380		\$ 33,550	\$ 155,930
R.O.W. Mowing	\$ 45,600				\$ 45,600
Street Sweeping		\$ 16,340		\$ 21,859	\$ 38,200
Leaf Pick-Up		\$ 61,957		\$ 93,085	\$ 155,042
TOTAL MAINTENANCE COSTS					
		\$ 1,647,021	\$ 256,400	\$ 1,305,963	\$ 3,284,984

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Pavement Maintenance	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	180.00	\$ 36.96	\$ 6,652.80
Truck - Dump, On Hwy LNT 8000	180.00	\$ 50.03	\$ 9,005.40
Trailer - Flatbed (20 ton)	180.00	\$ 10.88	\$ 1,958.40
Roller - Vibratory (18HP)	300.00	\$ 10.71	\$ 3,213.00
Trailer - Flatbed (5 ton)	180.00	\$ 7.94	\$ 1,429.20
Saw - Concrete (37 HP)	180.00	\$ 14.85	\$ 2,673.00
Tractor Loader - Backhoe (108 HP)	240.00	\$ 56.43	\$ 13,543.20
Labor - Regular	1,200.00	\$ 45.39	\$ 54,468.00
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 92,943.00

Crack Sealing	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	20.00	36.96	\$ 739.20
Labor - Regular	20.00	\$ 45.39	\$ 907.80
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 1,647.00

Storm Sewer Repair	Hours	Cost/Hr	Total
Compressor - Air (185 c.f.m.)	320.00	\$ 13.40	\$ 4,288.00
Saw - Concrete (37 HP)	320.00	\$ 14.85	\$ 4,752.00
Truck - 4x4 Pick-up	2,140.00	\$ 12.66	\$ 27,092.40
Sewer Equipment - Vactor (1,000 gal.)	1,070.00	\$ 50.12	\$ 53,628.40
Tractor Loader - Backhoe (108 HP)	110.00	\$ 56.43	\$ 6,207.30
Truck - Dump, On Hwy (STERLING L7501)	110.00	\$ 36.96	\$ 4,065.60
Labor - Regular	2,140.00	\$ 45.39	\$ 97,134.60
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 197,168.00

Sewer/Ditch Cleaning	Hours	Cost/Hr	Total
Sewer Equipment - Vactor (1,000 gal.)	265.00	\$ 50.12	\$ 13,281.80
Truck - Dump, On Hwy (STERLING L7501)	530.00	\$ 36.96	\$ 19,588.80
Tractor Loader - Backhoe (108 HP)	265.00	\$ 56.43	\$ 14,953.95
Labor - Regular	1,060.00	\$ 45.39	\$ 48,113.40
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 95,938.00

Sidewalk/Curb Maintenance	Hours	Cost/Hr	Total
Saw - Concrete (18 HP)	1,330.00	\$ 8.26	\$ 10,985.80
Compressor - Air (185 c.f.m.)	1,330.00	\$ 13.40	\$ 17,822.00
Truck - Dump, On Hwy (STERLING L7501)	2,660.00	\$ 36.96	\$ 98,313.60
Labor - Regular	5,310.00	\$ 45.39	\$ 241,020.90
Labor - Overtime	10.00	\$ 68.08	\$ 680.80
SUBTOTAL			\$ 368,823.00

Traffic Signal/Streetlight Maintenance	Hours	Cost/Hr	Total
Truck-Aerial Bucket (55')	4,009.00	\$ 54.67	\$ 219,172.03
Labor - Regular	4,210.00	\$ 45.39	\$ 191,091.90
Labor - Overtime	10.00	\$ 68.08	\$ 680.80
SUBTOTAL			\$ 410,945.00

Energy - Street & Traffic Lights	Hours	Cost/Hr	Total
Commonwealth Edison			\$ 30,000.00

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Traffic Control	Hours	Cost/Hr	Total
Arrow Board	150.00	\$ 2.73	\$ 409.50
Truck - 4x4 Pick-up	150.00	\$ 12.66	\$ 1,899.00
Labor - Regular	130.00	\$ 45.39	\$ 5,900.70
Labor - Overtime	20.00	\$ 68.08	\$ 1,361.60
SUBTOTAL			\$ 9,571.00

Traffic/Street Signs	Hours	Cost/Hr	Total
Truck-Aerial Bucket (50')	2,010.00	\$ 46.47	\$ 93,404.70
Digger - Post Hole	110.00	\$ 1.33	\$ 146.30
Labor - Regular	2,220.00	\$ 45.39	\$ 100,765.80
Labor - Overtime	10.00	\$ 68.08	\$ 680.80
SUBTOTAL			\$ 194,998.00

Pavement Marking	Hours	Cost/Hr	Total
Truck - 4x4 Pick-up	20.00	\$ 12.66	\$ 253.20
Pavement Marker (Walk Behind)	15.00	\$ 2.73	\$ 40.95
Labor - Regular	20.00	\$ 45.39	\$ 907.80
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 1,202.00

Tree Trimming/Removal	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	1,102.00	\$ 36.96	\$ 40,729.92
Brush Chipper (115 HP)	5,510.00	\$ 25.55	\$ 140,780.50
Tub Grinder (Rental)			\$ -
Truck-Aerial Bucket (50')	2,755.00	\$ 46.47	\$ 128,024.85
Labor - Regular	10,960.00	\$ 45.39	\$ 497,474.40
Labor - Overtime	60.00	\$ 68.08	\$ 4,084.80
SUBTOTAL			\$ 811,094.00

Snow & Ice Control	Hours	Cost/Hr	Total
Truck - Dump, On Hwy LNT 8000	840.00	\$ 50.03	\$ 42,025.20
Truck - Dump, On Hwy (OSHKOSH MPT)	210.00	\$ 41.96	\$ 8,811.60
Truck - Dump, On Hwy (STERLING L7501)	2,300.00	\$ 36.96	\$ 85,008.00
Truck - Dump, On Hwy One ton	200.00	\$ 24.63	\$ 4,926.00
Truck - Dump, On Hwy LT 8500	60.00	\$ 53.49	\$ 3,209.40
Tractor Loader - Front End Loader (150 HP)	180.00	\$ 53.96	\$ 9,712.80
Spreader - Salt w/ Tailgate	2,500.00	\$ 4.00	\$ 10,000.00
Spreader - V-Box	1,110.00	\$ 7.86	\$ 8,724.60
Snow Plow - Reversible	3,400.00	\$ 12.66	\$ 43,044.00
Snow Plow - V-Plow	210.00	\$ 14.06	\$ 2,952.60
Labor Regular Time - Total	2,090.00	\$ 45.39	\$ 94,865.10
Labor Overtime - Total	1,560.00	\$ 68.08	\$ 106,204.80
SUBTOTAL			\$ 419,484.00

R.O.W. Maintenance/Median Maintenance	Hours	Cost/Hr	Total
Arrow Board	2,180.00	\$ 2.73	\$ 5,951.40
Truck - 4x4 Pick-up	2,180.00	\$ 12.66	\$ 27,598.80
			\$ -
Labor - Regular	2,180.00		\$ 122,380.00
Labor - Overtime	0.00		\$ -
SUBTOTAL			\$ 155,930.00

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R.O.W. Maintenance/Mowing	Hours	Cost/Hr	Total
Labor - Contractor/Privatized		\$ 45,600.00	\$ 45,600.00
SUBTOTAL			\$ 45,600.00

Street Sweeping	Hours	Cost/Hr	Total
Sweeper - Regenerative Air	360.00	\$ 60.72	\$ 21,859.20
Labor - Regular	360.00	\$ 45.39	\$ 16,340.40
Labor - Overtime	0.00	\$ 68.08	\$ -
SUBTOTAL			\$ 38,200.00

Leaf Pick-Up	Hours	Cost/Hr	Total
Brush Chipper - Leaf Loader (80 HP)	877.80	\$ 20.83	\$ 18,284.57
Brush Chipper - Leaf Loader (65 HP) Vacuum	438.90	\$ 18.82	\$ 8,260.10
Truck - Dump, On Hwy LNT 8000	1,330.00	\$ 50.03	\$ 66,539.90
Labor - Regular	1,260.00	\$ 45.39	\$ 57,191.40
Labor - Overtime	70.00	\$ 68.08	\$ 4,765.60
SUBTOTAL			\$ 155,042.00