



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

Section Number: 15-0000-00-GM

[illegible]

Estimated Cost		MFT Portion	Other Funds	Preliminary Engineering		
Maintenance	4,036,162		4,036,162	Engineering Inspection		
Maint Eng	-		-	Material Testing		
Totals:	4,036,162	-	4,036,162	Advertising		
				Bridge Inspections		
Total Estimated Maintenance Engineering Cost					-	
Total Estimated Maintenance Cost					4,036,162	

Regional Engineer

Date _____

STATE OF ILLINOIS
ESTIMATED COST OF MAINTENANCE OPERATIONS

Village of Orland Park
BLR 14231 Attachment

2015 SUMMARY

MAINTENANCE/OPERATION	QUANTITY	LABOR	MATERIAL	EQUIPMENT	TOTALS
Pavement Maintenance		\$ 92,965		\$ 69,500	\$ 162,465
Crack Sealing		\$ 1,274		\$ 1,118	\$ 2,392
Storm Sewer Maintenance & Repair		\$ 91,268		\$ 101,499	\$ 192,767
Storm Sewer & Ditch Cleaning		\$ 44,573		\$ 47,765	\$ 92,338
Sidewalk & Curb Maintenance		\$ 250,880		\$ 142,401	\$ 393,281
Street Lighting Maintenance		\$ 208,642		\$ 256,584	\$ 465,226
Street Lighting & Traffic Signal - Energy	\$ 160,000	\$ -	\$ -	\$ -	\$ 160,000
Traffic Control		\$ 5,943		\$ 2,019	\$ 7,962
Traffic & Street Signs		\$ 101,880		\$ 101,357	\$ 203,237
Pavement Marking		\$ 1,274		\$ 445	\$ 1,719
Tree Trimming & Removal		\$ 534,233		\$ 355,410	\$ 889,643
Snow & Ice Control - Removal		\$ 472,826		\$ 351,738	\$ 824,564
State Salt Purchase	\$ 6,350	\$ -	\$ 325,628	\$ -	\$ 325,628
Median Maintenance		\$ 31,070		\$ 18,015	\$ 49,085
R.O.W. Mowing	\$ 46,100	\$ -	\$ -	\$ -	\$ 46,100
Street Sweeping		\$ 18,254		\$ 26,325	\$ 44,579
Leaf Pick-Up		\$ 65,798		\$ 109,378	\$ 175,176
TOTAL MAINTENANCE COSTS		\$ 1,920,880	\$ 325,628	\$ 1,583,554	\$ 4,036,162

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Pavement Maintenance	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	322.50	\$ 37.27	\$ 12,019.58
Truck - Dump, On Hwy LNT 8000	322.50	\$ 50.44	\$ 16,266.90
Trailer - Flatbed (20 ton)	322.50	\$ 10.97	\$ 3,537.83
Roller - Vibratory (18HP)	537.50	\$ 10.80	\$ 5,805.00
Trailer - Flatbed (5 ton)	322.50	\$ 8.00	\$ 2,580.00
Saw - Concrete (37 HP)	322.50	\$ 14.97	\$ 4,827.83
Tractor Loader - Backhoe (108 HP)	430.00	\$ 56.89	\$ 24,462.70
Labor - Regular	2,070.00	\$ 42.45	\$ 87,871.50
Labor - Overtime	80.00	\$ 63.67	\$ 5,093.60
SUBTOTAL			\$ 162,465

Crack Sealing	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	30.00	\$ 37.27	\$ 1,118.10
Labor - Regular	30.00	\$ 42.45	\$ 1,273.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 2,392

Storm Sewer Repair	Hours	Cost/Hr	Total
Compressor - Air (185 c.f.m.)	320.00	\$ 13.51	\$ 4,323.20
Saw - Concrete (37 HP)	320.00	\$ 14.97	\$ 4,790.40
Truck - 4x4 Pick-up	2,150.00	\$ 12.77	\$ 27,455.50
Sewer Equipment - Vactor (1,000 gal.)	1,080.00	\$ 50.53	\$ 54,572.40
Tractor Loader - Backhoe (108 HP)	110.00	\$ 56.89	\$ 6,257.90
Truck - Dump, On Hwy (STERLING L7501)	110.00	\$ 37.27	\$ 4,099.70
Labor - Regular	2,150.00	\$ 42.45	\$ 91,267.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 192,767

Sewer/Ditch Cleaning	Hours	Cost/Hr	Total
Sewer Equipment - Vactor (1,000 gal.)	262.50	\$ 50.53	\$ 13,264.00
Truck - Dump, On Hwy (STERLING L7501)	525.00	\$ 37.27	\$ 19,567.00
Tractor Loader - Backhoe (108 HP)	262.50	\$ 56.89	\$ 14,934.00
Labor - Regular	1,050.00	\$ 42.45	\$ 44,573.00
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 92,338

Sidewalk/Curb Maintenance	Hours	Cost/Hr	Total
Saw - Concrete (18 HP)	1,477.50	\$ 8.33	\$ 12,307.58
Compressor - Air (185 c.f.m.)	1,477.50	\$ 13.51	\$ 19,961.03
Truck - Dump, On Hwy (STERLING L7501)	2,955.00	\$ 37.27	\$ 110,132.85
Labor - Regular	5,910.00	\$ 42.45	\$ 250,879.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 393,281

Traffic Signal/Streetlight Maintenance	Hours	Cost/Hr	Total
Truck-Aerial Bucket (55')	4,655.00	\$ 55.12	\$ 256,584.00
Labor - Regular	4,870.00	\$ 42.45	\$ 206,732.00
Labor - Overtime	30.00	\$ 63.67	\$ 1,910.00
SUBTOTAL			\$ 465,226

Energy - Street & Traffic Lights	Hours	Cost/Hr	Total
Commonwealth Edison			\$ 160,000

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Traffic Control	Hours	Cost/Hr	Total
Arrow Board	130.00	\$ 2.76	\$ 358.80
Truck - 4x4 Pick-up	130.00	\$ 12.77	\$ 1,660.10
Labor - Regular	110.00	\$ 42.45	\$ 4,669.50
Labor - Overtime	20.00	\$ 63.67	\$ 1,273.40
SUBTOTAL			\$ 7,962

Traffic/Street Signs	Hours	Cost/Hr	Total
Truck-Aerial Bucket (50')	2,160.00	\$ 46.85	\$ 101,196.00
Digger - Post Hole	120.00	\$ 1.34	\$ 160.80
Labor - Regular	2,400.00	\$ 42.45	\$ 101,880.00
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 203,237

Pavement Marking	Hours	Cost/Hr	Total
Truck - 4x4 Pick-up	30.00	\$ 12.77	\$ 383.10
Pavement Marker (Walk Behind)	22.50	\$ 2.76	\$ 62.10
Labor - Regular	30.00	\$ 42.45	\$ 1,273.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 1,719

Tree Trimming/Removal	Hours	Cost/Hr	Total
Truck - Dump, On Hwy (STERLING L7501)	1,255.00	\$ 37.27	\$ 46,773.85
Brush Chipper (115 HP)	6,275.00	\$ 25.76	\$ 161,644.00
Tub Grinder (Rental)	0.00		\$ -
Truck-Aerial Bucket (50')	3,137.50	\$ 46.85	\$ 146,991.88
Labor - Regular	12,480.00	\$ 42.45	\$ 529,776.00
Labor - Overtime	70.00	\$ 63.67	\$ 4,456.90
SUBTOTAL			\$ 889,643

Snow & Ice Control	Hours	Cost/Hr	Total
Truck - Dump, On Hwy LNT 8000	830.00	\$ 50.44	\$ 41,865.20
Truck - Dump, On Hwy (OSHKOSH MPT)	550.00	\$ 42.31	\$ 23,270.50
Truck - Dump, On Hwy (STERLING L7501)	3,780.00	\$ 37.27	\$ 140,880.60
Truck - Dump, On Hwy One ton	180.00	\$ 24.84	\$ 4,471.20
Truck - Dump, On Hwy LT 8500	280.00	\$ 53.93	\$ 15,100.40
Tractor Loader - Front End Loader (150 HP)	450.00	\$ 54.41	\$ 24,484.50
Spreader - Salt w/ Tailgate	3,960.00	\$ 4.03	\$ 15,958.80
Spreader - V-Box	1,660.00	\$ 7.93	\$ 13,163.80
Snow Plow - Reversible	5,070.00	\$ 12.77	\$ 64,743.90
Snow Plow - V-Plow	550.00	\$ 14.18	\$ 7,799.00
Labor Regular Time - Total	5,015.84	\$ 42.45	\$ 212,922.41
Labor Overtime - Total	4,082.04	\$ 63.67	\$ 259,903.49
SUBTOTAL			\$ 824,564

R.O.W. Maintenance/Median Maintenance	Hours	Cost/Hr	Total
Arrow Board	1,160.00	\$ 2.76	\$ 3,201.60
Truck - 4x4 Pick-up	1,160.00	\$ 12.77	\$ 14,813.20
	0.00		\$ -
Labor - Regular	1,160.00		\$ 31,070.00
Labor - Overtime	0.00		\$ -
SUBTOTAL			\$ 49,085

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R.O.W. Maintenance/Mowing	Hours	Cost/Hr	Total
Labor - Contractor/Privatized		\$ 46,100.00	\$ 46,100.00
SUBTOTAL			\$ 46,100

Street Sweeping	Hours	Cost/Hr	Total
Sweeper - Regenerative Air	430.00	\$ 61.22	\$ 26,324.60
Labor - Regular	430.00	\$ 42.45	\$ 18,253.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 44,578

Leaf Pick-Up	Hours	Cost/Hr	Total
Brush Chipper - Leaf Loader (80 HP)	1,023.00	\$ 21.01	\$ 21,493.23
Brush Chipper - Leaf Loader (65 HP) Vacuum	511.50	\$ 18.97	\$ 9,703.16
Truck - Dump, On Hwy LNT 8000	1,550.00	\$ 50.44	\$ 78,182.00
Labor - Regular	1,550.00	\$ 42.45	\$ 65,797.50
Labor - Overtime	0.00	\$ 63.67	\$ -
SUBTOTAL			\$ 175,176