

Oak Park Public Works
Street Services Refuse Pick Up Evaluation - Detailed Summary 2019-20

5/14/2019

Operation	Estimate of VOP Cost		Fixed Fringe (FF) on Direct labor (39.72% - Health & Life Ins)	Variable Fringes (VF) on Direct labor (14.13% - IMRF & FICA)	Benefit Time Labor (9.12%)	Merit Increase (1.5%)	Labor Equipment Cost	Total Labor Cost	Fuel Cost	Repair Cost	Equipment Cost	Total Equipment	Material Disposal Cost	Total Cost
	Hours	Labor												
Refuse Container Pickup														
Equipment Operator - ST	2080	\$ 61,729.41	\$ 24,518.92	\$ 8,722.00	\$ 8,661.29	\$ 925.94	\$ 800.00	\$ 105,357.56	\$ 4,361.75	\$ 5,814.10	\$ 12,500.00	\$ 22,675.85	\$ 10,345.14	\$ 138,378.55
OT	175	\$ 7,790.37	\$ -	\$ 1,100.73			\$ -	\$ 8,891.10						\$ 8,891.10
DT	30	\$ 1,780.66	\$ -	\$ 251.60			\$ -	\$ 2,032.25						\$ 2,032.25
							sub total	\$ 116,280.92						\$ 149,301.90

Equipment

2019 8-10 yrd Mini Packer Estimate
Garbage truck costs \$125,000 and has a 10 year Service Life

Labor Equipment Costs

Uniform - \$350/man	\$ 350.00
Boots - \$150/man	\$ 150.00
Litter pickup grabbers - \$100	\$ 100.00
Winter Gear \$200	\$ 200.00
Total:	\$ 800.00

Fuel Cost

2019 \$2.39/gal average
2021 \$2.46/gal average
2023 \$2.53 /gal average
2019 Fuel cost shown above
2021 +3% from 2019

Estimated Gallons per Year 1,825

Disposal cost

2019 cost \$10,345.14
2021 cost \$10,655.49 (2years @ 3%)
2023 cost \$10,975.15 (+3%)

Repair & Service Cost -

Hrs/Yr	Labor	P/YR
66.5	\$ 87.43	\$ 5,814.10

Equipment Operator wages - \$ 29.68 (Effective 4/1/19)

Fixed Fringes	Variable Fringes	Benefit Time Labor
Family PPO	IMRF - 6.48%	1-B-day
\$24,331		3.5 Personal
	SS - 6.20%	10 Vacation
Life Ins		15 Sick
\$ 186.00	Medicare - 1.45%	7.5 Holiday
Total	Total:	36.5 Days total
\$ 24,517.00	14.13%	292 hours
		Total
		\$8,666.56