



City of Tukwila Fire Apparatus, Vehicle and Equipment Replacement Schedules

Finance and Safety

May 3, 2016

TFD 20 Year Apparatus & Equipment Replacement Schedules



The Tukwila Fire Department 20 year capital equipment replacement schedule provides a detailed analysis that reflects needed inventory.

All charts are in today's dollars.

The 20 year bond covers multiple life cycles for the more expensive equipment with multi-year use and annual replacement costs for the more individualized equipment.

TFD 20 Year Capital Equipment Replacement Schedule



TFD 20 Year Capital Replacement Schedule (in thousands)

Equipment	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Totals	
SCBA/SABA	\$480															\$480					\$960	
SCBA Fill Station			\$110																	\$110	\$220	
Hose										\$70											\$70	
Nozzles										\$50											\$50	
Defibrillators						\$40							\$40							\$40	\$120	
Thermal Imaging (TIC)						\$70							\$70							\$70	\$210	
Bunker Gear	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$400
Helmets	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$2.5	\$50
Extrication Equipment			\$100																\$100		\$200	
MDC	\$120				\$120				\$120				\$120				\$120				\$600	
Body Armor	\$1.5	\$1.5	\$35	\$1.5	\$1.5	\$1.5	\$1.5	\$35	\$1.5	\$1.5	\$1.5	\$1.5	\$35	\$1.5	\$1.5	\$1.5	\$1.5	\$35	\$1.5	\$1.5	\$164	
Totals	\$624	\$24	\$268	\$24	\$144	\$134	\$24	\$58	\$144	\$144	\$24	\$24	\$288	\$24	\$24	\$504	\$144	\$158	\$24	\$244	\$3,044	

TFD 20 Year Apparatus and Vehicle Replacement Schedule



Fleet Category	# of Units	20-Year Fire Apparatus/Vehicle Replacement (in Thousand \$)																				Total
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	
ADMIN VEHICLE	6	\$100	\$30	\$40	\$55						\$50	\$100	\$30	\$40	\$55						\$50	\$550
AERIAL	1			\$1,800										\$1,800								\$3,600
AID CAR	2	\$190					\$275					\$275					\$275					\$1,015
BC VEHICLE	2				\$80				\$80						\$80					\$80		\$320
EOC ADMIN VEHICLE	2	\$80								\$30		\$80									\$30	\$220
EOC UTILITY	3		\$20					\$25					\$20					\$25				\$90
EXPLORER/ REFRESH VEHICLE	1					\$65										\$65						\$130
FIRE MARSHAL VEHICLE	1	\$80										\$80										\$160
HAZMAT	3	\$10						\$60		\$36								\$60		\$36		\$202
PREVENTION VEHICLE	1			\$65										\$65								\$130
PUMPER	6		\$1,400			\$875	\$875		\$1,750				\$1,750			\$875	\$875		\$1,750			\$10,150
RESCUE	9			\$103	\$70			\$275						\$103	\$70			\$275		\$103	\$70	\$896
UTILITY	9			\$80	\$20	\$60	\$12	\$80	\$73						\$100	\$20	\$60	\$12	\$80	\$73		\$670
Total	46	\$460	\$1,450	\$2,008	\$285	\$960	\$1,210	\$372	\$1,910	\$139	\$50	\$535	\$1,800	\$2,008	\$305	\$960	\$1,210	\$372	\$1,910	\$109	\$80	\$18,133