

Lake Valley Fire Protection District

Summary of 15-Year Equipment Replacement Program¹

Years 1 and 2 (2021 and 2022)

- Purchase Replacement Fire Engine in 2021 (estimated cost approximately \$902,000).
- Purchase Replacement Fire Vehicle in 2021 (estimated cost approximately \$85,000).
- Purchase both new and replacement equipment in 2021:
 - Self-Contained Breathing Apparatus (estimated cost approximately \$345,000).
 - Extraction Rescue Tools and Equipment (estimated cost approximately \$85,000).
 - Communication Equipment including radios and associated infrastructure (estimated cost approximately \$477,000).
 - ALS Cardiac Monitors (estimated cost approximately \$37,000).
 - Hose/Nozzles (estimated cost approximately \$22,000).
 - Small Engines (estimated cost approximately \$13,000).
- Purchase Replacement Brush Truck in 2022 (estimated cost approximately \$492,000).
- Purchase Replacement Squad Apparatus in 2022 (estimated cost approximately \$383,000).

Years 3 through 7 (2023 through 2027)

- Purchase both new and replacement equipment in 2026:
 - Extraction Rescue Tools and Equipment (estimated cost approximately \$99,000).
 - ALS Cardiac Monitors (estimated cost approximately \$43,000).
 - Hose/Nozzles (estimated cost approximately \$25,000).
 - Small Engines (estimated cost approximately \$15,000).
- Purchase Replacement Fire Engine in 2027 (estimated cost approximately \$1,077,000).
- Purchase Replacement Fire Vehicle in 2027 (estimated cost approximately \$102,000).

Years 8 through 15 (2028 through 2035)

- Purchase Replacement of Personal Protective Equipment in 2028 (estimated cost approximately \$163,000).
- Purchase Replacement Fire Engine in 2031 (estimated cost approximately \$1,212,000).
- Purchase Replacement Fire Vehicle in 2031 (estimated cost approximately \$114,000).
- Purchase Replacement Fire Vehicle in 2033 (estimated cost approximately \$121,000).

Notes:

¹ All items outlined herein that are anticipated to be purchased are projections. Actual purchases are subject to change and will be based upon the District's need at the time and available funding.

Summary of Assumptions

- Useful life and cost estimates of vehicles, equipment and supplies used in the 15-Year Equipment Replacement Program are based on LVFPD's experience. All costs were in Fiscal Year 2019-20 dollars and then the costs were increased annually by 3% per year for modeling purposes to account for inflationary increases.
- All available funds will be deposited into a separate fund that may only be used for authorized purposes. For the purposes of modeling, any funds available are assumed to earn 2.25% in investment earnings.
- Vehicles, equipment and supplies that are anticipated to be financed because of large upfront costs are listed below. In addition, Interest associated with financing equipment is assumed to be 3% and the loan terms for these items follow based on LVFPD's experience.
 - Engine – 10 years
 - Brush Truck – 10 years
 - Squad Truck – 10 years
 - Fire Vehicle – 3 years
 - Self-Contained Breathing Apparatus – 10 years
 - Communications – 10 years
- Vehicles, equipment and supplies that are anticipated to be paid in-full at time of purchase because of anticipated costs are listed below.
 - Personal Protective Equipment – 1 year
 - Extrication/ Rescue Tools – 1 year
 - ALS Cardiac Monitors – 1 year
 - Hose/ Nozzles – 1 year
 - Small Engines – 1 year