

CITY OF
EL SEGUNDO

Request to Purchase Replacement Fire Department Ladder Truck

City Council Meeting
January 21, 2025



Background

- Current Ladder Truck Replacement Schedule
- NFPA recommended
 - 20 years (15/5)
- Community Risk Assessment
 - NFPA 1710
 - Low, moderate, high, max risk occupancies
 - Ladder truck required due to critical tasks



Current Truck Status

- 2014 Pierce Arrow XT
 - Staffed with 3 personnel
 - Quint = Pump, water, hose, aerial ladder, and ground ladders
- 11 years old
- 15 years old if City Council approves purchase today (approximately 4-year build time)
- Current ladder truck would be placed in reserve status for 10 years
- No reserve ladder truck when current truck goes in for repair/maintenance



Firefighter and Community Safety

- Roof Access to evacuate fire and smoke
- Elevated rescue operations
 - High/Low Angle
- Elevated master stream to suppress fires

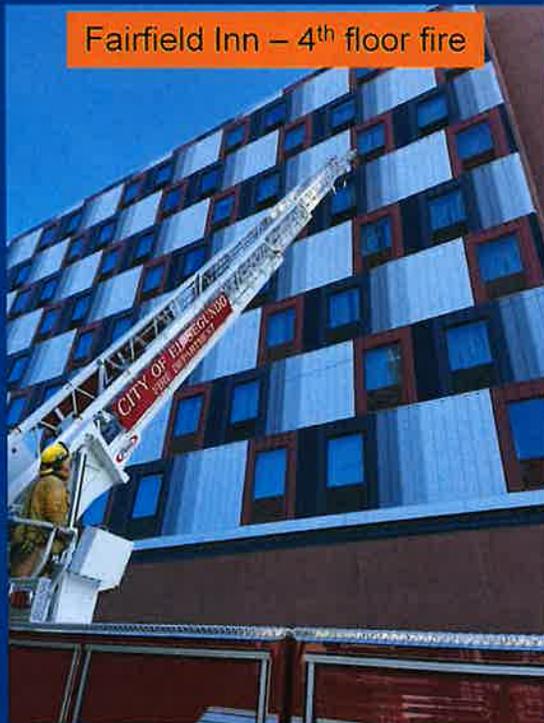


Specialty Operations

- Jaws of Life
- Forcible Entry/Exit
- Vertical and Horizontal Ventilation
- Specialty Rescue Ops:
 - Shoring
 - Heavy lifting operations



Recent incidents requiring ladder truck



Lomita Incident



1/21/2025

City of El Segundo | 350 Main St. El Segundo, CA 90245

Recent Purchases

- City of Brea - \$1,988,161 in October 2022
- City of Encinitas - \$2,231,855.00 in June 2024
- City of Arcadia - \$2,062,102.00 in July 2024
- City of Vista - \$2,317,695.00 in July 2024

***Prices reflected are due to differences in apparatus specifications based upon city specific needs.

Ladder Truck Maintenance

- Total= \$391,472.20 over 11 years. Comprehensive work performed over the last 3 years.
- Contributing factors include:
 - Truck design/engineering
 - CA emissions related components
 - Past city yard staffing shortages resulting in high-cost 3rd party vendors for maintenance
 - Shop labor rates
- Extended Warranty Option

Fiscal Impact

- The cost of one ladder truck is \$2,312,819.19
- By establishing a purchase order now, the City can secure the current market price and avoid the 1.5% (\$29,896) increase that is scheduled for January 30, 2025, and an additional 1.5% increase each quarter thereafter.
- If approved, the funds are available in the vehicle replacement fund with no fiscal impact to the General Fund.
- Lease/Purchase option available through PNC financial with flexible 5, 7, and 10-year terms. (Qualifies for prepayment discount)

Fiscal Impact

- Pierce Manufacturing Inc. offers two (2) payment options to the City which include a 100% pre-payment or a full payment at time of delivery option.
 - Option 1- Prepayment option reduces purchase price to \$1,993,049 (tax included)
 - Option 2- Payment in full at time of delivery = \$2,312,819 total (no prepayment discount)
- Staff recommends the 100% pre-payment option as it would result in a cost savings of \$319,770, resulting in a purchase price of \$1,993,049
- Lease/Purchase option available through PNC financial with flexible 5, 7, and 10 year terms. (Qualifies for prepayment discount)

Conclusion

- The El Segundo Fire Department is requesting City Council to authorize the purchase of a replacement ladder truck. If approved, it would have an estimated delivery date in 2029.