

The purpose of this note is to recommend the City Council approve the purchase of a Quint apparatus for the South Weber City Fire Department and budget accordingly.

Background:

- The determined life cycle of the city’s two large apparatus is 20 years, alternating 10 years as a frontline vehicle and 10 years as a backline
- Fall of 2028 is the 10 year marker and time for replacement of the current backline vehicle
- Current estimated build time from order for a quint from Pierce is approximately 40-41 months and for an engine is approximately 47-48 months, while it’s 22 months for either from Rosenbauer, necessitating the City place an order this fall of 2024 if purchasing from Pierce or spring/fall of 2026 if purchasing from Rosenbauer
- Prices have increased more than 10% in the last year and over 22% annually since the last engine was purchased and received in 2018
- The City has currently saved \$391,000 towards the purchase of a large apparatus

Financial Quotes Summary:

Type	Current Quote	Build (in months)	Order Time	Order Time Est Cost (10% yearly)	Company
Engine	\$950,000	22	Fall 2026	\$1,149,500	Rosenbauer
Engine	\$965,773	47-48	Fall 2024	\$965,773	Pierce
78' Quint	\$1,200,000	22	Fall 2026	\$1,452,000	Rosenbauer
75' Quint	\$1,381,652	40-41	Fall 2024	\$1,381,652	Pierce

Recommendations:

- Order a Pierce Quint in the Fall of 2024 at the price of \$1,381,652 or less after detailed specifications of the vehicle are determined

- Add \$259,000 of ARPA funds to the \$391,000 saved for a total of \$650,000
- Save \$130,000 per year for the current and future large apparatus purchases (\$650,000 in the next 5 fiscal years and a total of \$1.3M over ten years), then adjust that amount per inflation for future purchases

Rationale for Recommendations:

- Provide appropriate equipment for the structures within the community as standardized by the National Fire Protection Association (NFPA) and Insurance Services Office (ISO)
- Provide appropriate equipment for personnel to perform duties, reducing the need for mutual aid
- Improve the City's ISO Rating, of which not having a ladder truck is the city's single largest negative impact item to the current rating
- Analysis shows that if prices increased more than 8.6% over the next two years, then the Rosenbauer quint option with a 22 month build would become more expensive at time of order than the Pierce quint option ordered this fall with a 40-41 month build time. An earlier order locks in the price at a known amount

Vehicle Options & Payments Considered:

- Quint
 - Recommended: Hybrid - \$259,000 of ARPA, \$130,000 annually
 - Annual – No ARPA, \$185,000 annually
 - Infusion – All \$500,000 of ARPA, \$82,000 annually
- Engine
 - No ARPA, \$94,000 annually for 5 years, then \$115,000 annually
 - ARPA – \$259,000 of ARPA, \$42,000 annually for 5 years, then \$115,000 annually