

Fire Apparatus

Acquisition & Financing

Ordinance No. 25-04, First Reading



AB 6612, Jan 21, 2025



Background

- ❑ Since Jan 2024, Eastside Fire & Rescue provides fire and emergency medical services on Mercer Island.
 - ❑ Per ILA, City owns its fire engines. EF&R maintains and operates them.
- ❑ Two Mercer Island fire engines are up for replacement in 2025.
 - ❑ Industry standard useful life as a primary response vehicle: **15-20 years.**
- ❑ Design specifications built by EF&R, meet industry standards.
- ❑ Make, model, and build align with EF&R vehicles.

Fire Apparatus Replacement

Velocity Pumper

Type-1 fire engine or maxi pumper



Freightliner Pumper

Type-2 fire engine or midi pumper



Mercer Island Fire Fleet

Apparatus #	Description	Replacement Reserve	Year Purchased	Lifespan	Replacement Date	Notes
E291	2008 Maxi Pumper	Apparatus	2008	15-20	2023-2028	Reserve
E292	2008 Maxi Pumper	Apparatus	2008	15-20	2023-2028	Reserve
E192	2012 Maxi Pumper	Apparatus	2012	15-20	2027-2032	
E191	2018 Maxi Pumper	Apparatus	2018	15-20	2033-2038	
MIDI191	2008 Mini Pumper	Apparatus	2008	16	2024	
MIDI192	2015 Midi Pumper	Apparatus	2015	16	2031	
R191	Fire Rescue Truck	N/A	2013	15-20	n/a	
A192	Aid Unit Ford E350	Fleet	2017	20	2037	
A291	North Star Ambulance	Fleet	2012	15	2032	
A191	North Star Ambulance	Fleet	2023	15	2038	
UTILITY 191	2017 Chevy 4WD	Fleet	2017	10	2027	
B291	2016 Chevy Suburban	Fleet	2016	8	2024	
B191	2024 Ford F150 Truck	Fleet	2024	5	2030	Awaiting arrival
FM191	2009 Chevy Suburban	Fleet	2009	10	2019	Surplus TBD
	2016 Toyota Rav 4	Fleet	2016	10	2026	
	2016 Toyota Rav 4	Fleet	2016	10	2026	
	2016 Toyota Rav 4	Fleet	2016	10	2026	
	Tech Rescue Trailer	N/A	2014			Training
	Tech Rescue Trailer	N/A	1995			Surplus

Velocity Pumper

- ❑ Carries 3-4 firefighters.
- ❑ Supports both structural firefighting & initial EMS response.
- ❑ Contains pump with a 700-gallon tank and 1,500 gallons per minute minimum water transfer.
- ❑ Reserve current truck (2012) once new truck is operational.
- ❑ **Price:** \$1,250,760.55.
- ❑ **Build lead time:** 48 to 54 months.

Freightliner Pumper

- ❑ Smaller, more fuel efficient compared to maxi pumper.
- ❑ Maneuverability on smaller streets and sloped neighborhoods ideal for Mercer Island's unique geography.
- ❑ Surplus current truck (2008) once new truck is operational.
- ❑ **Price:** \$717,268.76.
- ❑ **Build lead time:** 35 to 40 months.

Acquisition

- ❑ EF&R notified the City in Dec 2024 of multi-apparatus discounts via a combined purchase order for four type-1 trucks, one for the City.
- ❑ Competitive price secured through Sourcewell, a local government procurement cooperative.
 - ❑ **Manufacturer:** Pierce Manufacturing, Inc.
 - ❑ **Exclusive Dealer:** Hughes Fire Equipment



Financing

- ❑ Requested financing proposals from seven banks.
- ❑ Selected Municipal Asset Management, Inc.
- ❑ Lease Purchase Agreement combines both fire apparatus for \$1,962,984.10.
 - ❑ **Term:** Nine-years.
 - ❑ **Interest rate:** 4.89%.
 - ❑ **Annual payment:** \$266,528.82 thru June 2033.
- ❑ After the final lease payment, ownership transfers to the City to be maintained and operated by EF&R.



Budgetary Impacts

- ❑ City's Fleet Fund will pay the anticipated debt service.
- ❑ The City's funding strategy will not keep pace with future large equipment purchases.
 - ❑ Staff will return to Council to revisit the underlying assumptions and funding strategy for fire apparatus replacements during the 2025-2026 mid-biennial workshops.

Recommended Action

- ❑ Set Ordinance No. 25-04 authorizing purchase of two fire apparatus, authorizing a purchase agreement with Hughes Fire Equipment, Inc., and a Master Tax-Exempt Installment Purchase Agreement with Municipal Asset Management, Inc. to finance both fire apparatus for second reading and adoption on February 4, 2025.

Questions

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