

TO: Public Health & Safety Committee
FROM: Brian Hurley, Fire Chief
DATE: April 11, 2023
SUBJECT: Fire Engine Purchase

1) Recommended Action:

Recommend the City Council approve and authorize the purchase of fire engine #3 (identified as Engine T1) using the Sourcewell Purchasing Cooperative as specified by the Fire Department and in substantially similar form as approved by the City Attorney in the amount of \$1,238,023.55 and authorize the Fire Chief to approve change orders in an amount not to exceed \$20,000.

2) Background:

In August 2011, Tumwater voters approved a public safety property tax levy lid lift to improve public safety. Funding for the initiative started in 2012. The measure provided for the purchase of four fire engines over the life of the 25 year plan. Fire engines have been purchased in 2012 and 2019 per this plan.

Consistent with our apparatus replacement program and Capital Facilities Plan, the time has arrived to place the order for the next engine, #3. The Fire Department apparatus committee worked for several months on the design and specifications of the new engine. The committee was led by Assistant Chief Shawn Crimmins and included Battalion Chief Jeff Jernigan and several shift representatives as well as Chief Fire Mechanic Adam Cummings.

The new engine, manufactured by Pierce Manufacturing of Appleton, Wisconsin, will replace the engine purchased in 2012 (Engine T1) which currently has 124,000 miles on it. The 2012 engine will be placed in reserve status and one of the 2000 KME engines will be surplus.

The engine features a Cummins X15 diesel engine which will meet 2027 EPA standards with 75% less emissions than its predecessor. To further reduce emissions, the engine will also feature a state-of-the-art idle reduction system powered by lithium ion batteries. The overall compartment design will be very similar to the last engine purchased in 2019. One significant change is the move from a top-mount to side-mount pump panel. This will considerably shorten the wheelbase of the engine making it more maneuverable.

Staff is proposing the engine be purchased through a buying cooperative called Sourcewell which includes Pierce equipment and meets requirements for competitive bidding. The City has previously purchased other equipment through Sourcewell. Our agreement with Sourcewell is still current and meets legal requirements.

Any councilmember interested in a tour of a fire engine at a future time should contact the Chief to arrange one.

3) Policy Support:

Strategic Priority: Provide and Sustain Quality Public Safety Services

4) Alternatives:

- ☐ Delay engine purchase with consequence of further extended delivery time and increased cost.
-

5) Fiscal Notes:

Total proposed engine cost is \$1,238,023.55 including two early payment discounts and sales tax. It does not include full pre-payment because it is estimated the City will benefit from high interest earning rates in excess of the full early payment savings.

If the RFA is approved, the purchase agreement would be transferred to the RFA. They would assume responsibility for the payment which would ultimately be paid from the \$2M that the City is paying to clear the 2011 Levy Lid Lift commitment.

If the RFA does not form, this engine would be purchased directly with Lid Lift funds. When it gets closer to delivery, the City will decide whether to pay cash or finance the purchase. The estimate in the Levy Lid Lift for this engine was \$900,000. The difference will be paid with interest on the Lid Lift funds during the 38-43 months and other savings in the Lid Lift fund.

6) Attachments:

- A. Specifications Summary
- B. Specifications
- C. Engine
- D. Purchase Agreement with Pierce Manufacturing