



City of Racine, Wisconsin AGENDA BRIEFING MEMORADUM

AGENDA DATE:	October 25, 2021
SUBJECT:	Acquisition of Two Medical First Responder Pumpers
PREPARED BY:	Fire Chief Steve Hansen
SUMMARY:	As part of the long-term fire department planning for the replacement of apparatus we have developed a replacement schedule in terms of years for these heavy pieces of equipment. Medical First Responder Engine 1 and Engine 5 have reached the end of their useful life at 20 and 21 years respectively. The city has been very fortunate to get so much service out of our equipment due to our outstanding maintenance efforts.
PROJECT BACKGROUND & ANALYSIS:	<p>The Fire Department is in a critical situation right now. This past summer we had the two Medical First Responder engines (Engine 1 and Engine 5) out of service with various mechanical issues due to increased wear and tear because of time, age and call volume.</p> <p>We have diligently made repairs to both Engine companies however parts are virtually impossible to obtain due to the age of the vehicles. Parts that are available are expensive. It's the age of the vehicles that has become challenging. Normal life expectancy of fire apparatus is 15 years per National Fire Protection Association (NFPA) standards. With respect to age we have the following:</p> <ul style="list-style-type: none">• Fire Engine 5 (Humble Park) is a 2001 Pierce Quantum First Responder pumper and is <u>21 years old</u> now. This is the oldest front line unit. This vehicle is heavily used and worn.• Fire Engine 1 (Downtown) is a 2003 Pierce Quantum First Responder pumper and is <u>20 years old</u> now. This vehicle covers all fire calls east of West Blvd both north and south and is a first responder company for Advance Life Support (ALS) and Critical Care Advance Life Support (ALS1) calls. This vehicle is also heavily used and worn. <p>In the best interest of the citizens of Racine, it is appropriate to replace these two Medical First Responder pumpers now before there is a failure of the vehicle(s) either preventing them from responding to an emergency or a failure of the vehicle(s) during an emergency response.</p> <p>In addition to the two Medical First Responder pumpers we will be acquiring new equipment and radios for both units in some instances replacing equipment that is 35 to 50 years old.</p>
RECOMMENDED ACTION:	To approve the purchase of two Medical First Responder pumpers from Pierce Manufacturing utilizing consortium pricing and related new equipment at a cost not to exceed \$625,000 per unit.

FISCAL NOTE: Funding is available in Fund 229 Account 22930 57310 for a total not to exceed \$1.25 million dollars.