

CITY OF FLAGSTAFF

STAFF SUMMARY REPORT

To: The Honorable Mayor and Council
From: Mark Wilson, Deputy Fire Chief
Co-Submitter: Emily Markel
Date: 09/25/2019
Meeting Date: 10/01/2019



TITLE:

Consideration and Approval of a Cooperative Purchase Contract: For a new Pierce Manufacturing, Inc. Velocity Fire Engine in the amount of \$693,148.75 from Hughes Fire Equipment, Inc.

STAFF RECOMMENDED ACTION:

1. Approve the cooperative purchase contract of a new Pierce Manufacturing, Inc. Velocity Fire Engine in the amount of \$693,148.75 from Hughes Fire Equipment, Inc. through a cooperative purchase contract with the City of Mesa; and
2. Authorize the City Manager to execute the necessary documents.

Executive Summary:

Hughes Fire Equipment, Inc., is a fully authorized dealer of Pierce Manufacturing, Inc. products such as the Velocity Fire Engine. The City of Mesa has a cooperative purchase contract with Pierce Manufacturing to purchase their product.

This purchase of a Pierce product would add one Type 1 (Pumper style) fire engine to the Flagstaff Fire Department (FFD) fleet and puts a current front-line engine that is twenty-two (22) years old in reserve status. Currently, the City has one reserve pumper engine to back up front line units that go down for unexpected and scheduled mechanical maintenance. By adding one unit to the FFD fleet we can put a much-needed newer engine in service to maintain customer service levels to the community. By purchasing this new engine, we will also decrease down time due to mechanical failures and it will give us two (2) reserve engines to pull from for expected mechanical work. This unit is part of the FLEET adopted apparatus replacement plan. This new engine would go into one of the three heaviest call volume districts in the City's central corridor.

Financial Impact:

This added new engine and funding was approved by the Fleet committee, Budget Team, City Manager and City Council as part of the current fiscal year budget. The approved amount was for \$700,000.00 and this purchase proposal stays within that budget. The remaining funds will be used to place the old boxes on the chassis and necessary equipment to get the units fully operational.

Policy Impact:

FFD recently revised policy to reduce the wear and tear on our largest and most expensive apparatus called Quints (large aerial ladder trucks). In order to do this, we implemented co-staffing which requires the station crew to determine which unit is most needed based on the call type and respond appropriately. As result, we needed to put one of our normal two reserve units in service as a front-line response engine at the station that had the Quint responding as the primary front-line unit. By purchasing this unit, it will put the twenty-two (22) year old unit back into reserve status and allow for most of the calls in that district to be handled by the new engine. This keeps the added response miles off the Quint and allows our annual apparatus maintenance costs to stay within budget.

Connection to Council Goal, Regional Plan and/or Team Flagstaff Strategic Plan:

Regional Plan:

Goal PF.3. Provide high-quality emergency response and public safety services including law enforcement, fire, medical, and ambulance transport service.

Policy PF.3.1. Maintain high-quality effectiveness and efficiency in law enforcement, fire, and emergency services to the extent that is consistent with governmental operations, plans, public policies, population served, and monies available.

Has There Been Previous Council Decision on This:

Funding was approved as part of the annual FY 2020 budget.

Options and Alternatives:

1. Approve the cooperative purchase contract with Hughes for the new Pierce Velocity Fire Engine; or
2. Reject the cooperative purchase contract and staff conducts a procurement process; or
2. Reject approval of the purchase of the new engine and continue response in a twenty-two-year-old fire engine.

Background and History:

The national standard for fire engine replacement from front-line service ranges between 10-20 years base on use and typical geographical response. The City of Flagstaff during the recession moved the replacement of engines up to twenty-five (25) years to reduce capital expenses. Currently, Fleet has moved this back to twenty (20) years due to significant maintenance costs and downtime seen by these older units. The Fleet Committee, City Manager's office and Budget Team has voiced a preference to replace our aging engines with a new one every two years for the next six years (3 new engines) to get us back on pace for normal twenty-year replacement. This is the first of those three new fire engine requests.

We have chosen to stay with Pierce as our only fire engine manufacturer due to longevity, quality, maintenance, and overall fleet consistency.

Key Considerations:

The FFD apparatus replacement schedule anticipated saving capital expenses by refurbishing every other engine. We replaced an older fire engine with a new-refurbished engine in FY18. This engine is expected to last up to ten years and is showing normal maintenance costs for its age. The next two engines identified as possible refurbishment options are both seventeen years old and Fleet has determined the frames have significant rust damage from the over the road chemicals and are not candidates for refurbishment. These fire engines will be scheduled for replacement in FY22 and FY24.

Due to our significant call volumes in the City of Flagstaff, the FFD staff and City Fleet agree that we are in need of replacing three older fire engines in the next six (6) fiscal years.

This unit is a model down from the typical Pierce fire engine to reduce overall costs, but still maintains consistency in function and maintenance.

Funds for this purchase are available in account # 001-03-051-0203-2-4401 (Rolling Stock-Fleet)

Purchasing a new fire engine allows our response efforts to be consistent in meeting our mission and the community expectations for public safety response. This purchase will also reduce the amount of time we have to put crews responding to emergency incidents in older reserve apparatus due to aging front line units going out of service for mechanical issues.

Inform.

Attachments: Cooperative Purchase Contract
Exhibit A - Scope and Fee
Exhibit B - Mesa Contract