

ROSEVILLE
REQUEST FOR COUNCIL ACTION

Date: 10/12/09

Item No.: 12.d

Department Approval

City Manager Approval

Timothy O'Neill

W. J. Mahonen

Item Description:

Authorize the Fire Department to Advertise for Bids for a Fire Rescue/Pumper Apparatus and Accompanying Equipment

BACKGROUND

The Fire Department continually evaluates the Fire Apparatus Fleet and the need to replace apparatus as they age and require increased costs of maintenance. The Fire Department currently has a 22 year old Fire Engine that has been scheduled for replacement approximately 2 years ago. This apparatus has exceeded its life expectancy, and is now in need of replacement. The current apparatus is in need of significant maintenance to remain an in-service vehicle for the Fire Department, including many updates to remain in compliance with National Fire Protection Agency Safety and Use Standards. Due to the age of this apparatus, the safety of occupants riding in the apparatus is significantly decreased when compared to more modern Fire Apparatus.

The Fire Department therefore seeks permission from City Council to advertise for bids for a replacement Fire Rescue/Pumper Apparatus. The anticipated cost for this apparatus and equipment is between \$450,000 and \$500,000.

FINANCIAL IMPACTS

Money for the replacement of this apparatus is currently in the Fire Department Vehicle Replacement fund requiring no additional allocation of funds.

STAFF RECOMMENDATION

Staff recommends council authorize the Fire Department to advertise for bid for a new Rescue/Pumper apparatus and accompanying equipment.

REQUESTED COUNCIL ACTION

Authorize the Fire Department to seek bids for the purchase of a new Fire Rescue/Pumper apparatus and accompanying equipment for said apparatus.

Prepared by: Timothy O'Neill, Acting Fire Chief

Fire Department Replacement Fire Engine

Current Fire Department Fleet

Engine 21-	22 years old responds from Fire Station #2
Engine 11-	18 years old responds from Fire Station #1
Rescue 16-	18 years old responds from Fire Station #1
Utility vehicle-	19 years old responds from Fire Station #1
Engine 32-	13 years old responds from Fire Station #3
Engine 31- (staffed engine)	6 years old responds from Fire Station #3
Ladder 38-	10 years old responds from Fire Station #3
Medic 3-	2 years old responds from Fire Stations #3
Medic 4-	3 years old responds from Fire Station #3
Command vehicle	3 years old Chief O'Neill's take home vehicle
Fire Marshal's vehicle	12 years old
Fire Inspector's vehicle	10 years old



Fire Department Replacement Fire Engine

Fire Department Fleet Reductions

Ladder	Eliminated from fleet in 2009 savings \$1,200,000
Engine	Eliminated from fleet in 2003 savings \$400,000
Grass unit	Eliminated from fleet in 2006 savings \$120,000
Rescue vehicle	Planned reduction from fleet in 2013 savings \$450,000

Total Fleet Reduction Savings \$2,170,000

Fire Department Replacement Fire Engine



Custom Top Mount Pumper

Fire Department Replacement Fire Engine





Engine Highlights

- ❑ 5- person custom cab with the most advanced safety features.
- ❑ Seat belt warning system- with three point belts
- ❑ Advanced seating system providing secure ride for all firefighters
- ❑ Latest in emergency warning system
- ❑ Fully NFPA compliant
- ❑ 1500 GPM pump
- ❑ 500 gallons of water
- ❑ 30 gallons of class A foam
- ❑ On-board electric generator
- ❑ New vehicle rescue equipment



Financial Points

- ❑ Vehicle would be purchased using the Fire Department Vehicle replacement fund
- ❑ Anticipated cost of vehicle and accessory equipment about \$480,000
- ❑ Delivery of vehicle fall of 2010
- ❑ We anticipate a savings for maintenance costs of about \$60,000 over the first three years of the life of the new engine.



Financial Points

- Advantages of purchasing new engine in 2009
 - EPA Emissions Standards- Saving estimated \$20,000 to \$25,000
 - Avoid annual manufacture increase of between 3-6% (\$13,500-27,000)
 - Avoid 2010 annual testing and repairs of 22 year old engine
 - Firefighter safety
 - Vehicle and equipment reliability



Committee Work

- ❑ 10 member committee
- ❑ Research and specification writing
- ❑ Bid process
- ❑ Acceptance of bid
- ❑ Building process
- ❑ Delivery
- ❑ Vehicle training