



City of Richmond

Report to Committee

To: General Purposes Committee
 From: Phyllis Carlyle
 General Manager
 Re: Purchase of Rescue / Pumper Truck

To General Purposes - Jan 21, 2008
 Date: January 21st, 2008
 File: 03-1000-20-T.3106

Staff Recommendation

1. The tender for a Rescue/Pumper Truck at the cost of \$695,000 plus applicable taxes be awarded to Super Vacuum Manufacturing Company, Inc. and
2. The General Manager of Law and Community Safety be authorized to execute the contract.

Phyllis Carlyle
General Manager

FOR ORIGINATING DEPARTMENT USE ONLY					
ROUTED TO:		CONCURRENCE		CONCURRENCE OF GENERAL MANAGER	
Budgets.....		Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
REVIEWED BY TAG		YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
				REVIEWED BY CAO	YES
				<input checked="" type="checkbox"/>	NO

Staff Report

Background

During the 2007 Capital Budget process, Council approved the funds for the acquisition of a new fire vehicle. The tendering process has been completed and Council's approval to award the contract is sought to permit the vehicle to be delivered in late 2008.

Analysis

The new vehicle will operate out of the City's main fire hall (#1) and will replace the existing rescue truck (#854), a 1995 International with 328,000 miles. The existing truck will assume secondary line status, which will permit another 5-8 years of service before the truck is decommissioned.

The existing rescue truck has no fire suppression capabilities and is limited in its response capabilities. By acquiring a more versatile rescue/pumper, rather than a vehicle solely for rescue purposes, a wider range of service is provided to the public as the new vehicle can function as a full engine company.

The new vehicle will contain state of the art technology with a mobile computer system to permit access to the new CAD mapping system, which will result in shorter response times. The computer system will also permit access to pre-plans showing interior details of multi-family complexes and commercial and industrial businesses which will result in more strategic responses to emergency response calls.

The diesel vehicle will meet both the Canadian and American environmental standards

The new vehicle will be staffed with the existing two members and future call volume in the City centre will require the vehicle to function as a second engine company within the next six years. The new rescue/pumper will provide a wider spectrum of service with a minimum future staffing increase.

Financial Impact

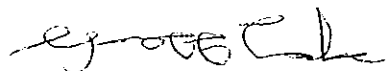
Council approved \$807,000 for the purchase and equipping of this vehicle during the 2007 budget process. The funding for this purchase of \$695,000 plus applicable taxes and the purchase of ancillary specialized equipment, such as specialized hoses and thermal imaging equipment, required to outfit the vehicle is within the amount approved by Council.

The tender package was distributed to several fire truck manufacturing companies and posted on the industry web sites and one bid was received from Super Vacuum Manufacturing Company, Inc (SVI). To ensure the City would receive appropriate value for the quoted price, a survey was conducted with several local fire departments that had recently purchased similar vehicles. The survey confirmed that the quoted price is fair market value.

The difference in cost between purchasing a rescue truck, similar to the one purchased for Hall #7 in 2006, and the proposed rescue/pumper is approximately \$50,000. This difference is primarily due to the addition of the water pumping package and the subsequent piping and valve system. Given that the department will require the vehicle to be redeployed as full engine company early in the vehicle's 12-15 year service life, the most cost effective approach is to purchase the appropriate vehicle now rather than an additional one in six years.

Recommendation

The current rescue truck stationed at Fire Hall #1 is due to be replaced. Anticipated increases in call volumes in the City centre area within the next six years will require a second engine company at the City's main fire hall. The most cost effective approach is to replace the current rescue truck with a more versatile rescue/pumper truck.



Geoff Lake
Deputy Fire Chief