

Memorandum

City of Lawrence
Fire Medical

TO: David Corliss, City Manager
FROM: Mark Bradford, Chief
Date: October 18, 2010
RE: Extrication Equipment Purchase – Capital Equipment

Introduction

The department initiated an evaluation process of hydraulic rescue equipment in 2009. Five manufactures evaluation included compatibility to present system, operations warranty, maintenance requirements, and cost. The equipment made by Genesis were selected and the department purchased a power unit, spreader, large cutter, large and small ram, and hoses which were all placed on Rescue 5. The department currently has ten sets of hydraulic rescue equipment made by Phoenix and Hurst, along with 10 sets of lift bags made by Vetter and Hurst and positions one set of each on every medic unit. These units were purchased approximately 8 – 10 years ago. Their reliability and cost of maintenance have far exceeded their operations life and have become inefficient.

Response statistics indicate fewer numbers of this specialized equipment are needed to meet the mission of extrication and rescue. This fact, along with the age and condition of the equipment carried on the medic units necessitates a change in numbers and which apparatus it is located on.

This request is the second and third phase of this capital purchase request for 2010.

Phased Purchase

This proposal expands the initial implementation in 2010.

1. Purchase a Genesis mini cutter and combination tool for Rescue 5 to complete outfitting the apparatus with hydraulic rescue equipment. The mini cutter allows access into small spaces and the combination tool allows for extrication activities on two vehicles simultaneously or when Rescue 5's spreader or cutter is unavailable due to maintenance.

QTY	DESCRIPTION	AMOUNT
1	16c Brute Vario Combination Tool	4,907.08
1	C30 Mini Cutter	2,163.72
		7,070.80

2. Purchase a Genesis power unit, combination tool (cutter/spreader) and hose for Utility 3. This places hydraulic rescue equipment and allows availability of the equipment during times when Rescue 5 is involved at prolonged incidents.

QTY	DESCRIPTION	AMOUNT
1	M1X OSC Mini Pump (Honda)	3,668.14
1	16c Brute Vario Combination Tool	4,907.08
1	30' Extension Hose	805.31
		9,380.53

Sole Source Request

We currently have Paratech and Genesis equipment and are not interchangeable with other manufactures equipment. The connections, operating fluids and operating capacities do not allow for operations with other brands.

Program Funding

Our departments approved FY 2010 Capital Equipment request allocated \$60,500 for the purchase of extrication equipment. I have phased this program request and will monitor our expenditures and make additional requests later in the FY depending on our expenditure levels and revenue income.

Action Request

Fire Medical Department staff requests the approval for the following:

- Purchase:
 - Purchase Phase 3 and 4 extrication equipment from Conrad Fire Equipment in the amount of \$16,451.33.