


# COUNCIL COMMUNICATION

	Number:	<b>21-388</b>	Meeting:	<b>September 13, 2021</b>
	Agenda Item:	<b>42</b>	Roll Call:	<b>21-1433</b>
	Submitted by:	<b>John F. TeKippe, Fire Chief</b>		

## AGENDA HEADING:

Approving and authorizing the sole source purchase of extrication rescue equipment for the Fire Department under Municipal Code 2-726(d).

## SYNOPSIS:

Recommend the approval of the purchase and acquisition of replacement extrication equipment systems:

- (A) Feld Fire Equipment (John Feld, President) as the sole source provider and area distributor to supply Amkus cordless *hydraulic* extrication equipment to replace end of service life equipment.
- (B) Sandry Fire Supply, LLC (Mary Sandry, President) as the sole source and area distributor to supply the ResQJack *vehicle stabilization* equipment to replace end of service life stabilization equipment.
- (C) Alex Air Apparatus (Kyle Wieberdink, President) as the sole source provider and area distributor to supply the Vetter brand *air actuated rescue equipment* to replace end of service life air actuated rescue equipment.

## FISCAL IMPACT:

<u>Amount:</u>	A) Feld Fire equipment:	\$192,753.55
	B) Sandry Fire Supply:	\$ 61,855.00
	C) Alex Air Apparatus:	<u>\$ 32,110.00</u>
	Total:	\$286,718.55

Funding Source: FY21-FY26 CIP, Page 29, FR013 – Equipment Acquisition – Fire Department

## ADDITIONAL INFORMATION:

- Current extrication tools and systems are reaching end of applicable service life and this acquisition is part of the planned replacement schedule. Rescue extrication system that encompasses; hydraulic rescue equipment, vehicle stabilization equipment, and air actuated rescue equipment to include lifting bags and air tools need to be replaced. An internal extrication equipment committee assessed equipment status and this request was based on their recommendations.

- (A) Current hydraulic extrication equipment has served the City well over the almost two (2) decades of service and now has reached its end of applicable service life. Current hydraulic tools rely on a separate tethered gas or electric powered hydraulic unit. With advancement in battery technology, cordless hydraulic tools have become the new industry standard. Amkus cordless hydraulic tools provide several distinct advantages:
- Operate further away from a hydraulic source. Example – if emergency scene is a long distance from roadway, inside an industrial building, etc.
  - No hydraulic hoses to trip over, leak, or rupture rendering the tool inoperable.
  - With no hydraulic hoses the operator doesn't have to fight extra resistance making the tool easier to use.
  - No maintenance required for a separate small gas engine or hydraulic pump.
  - Batteries are commercially available and not proprietary. Can use existing City accounts to purchase future battery needs.
- (B) Current vehicle stabilization equipment has served the City well and is reaching end of service life. The Res-Q-Jack system utilizes a design to allow for the user to carry two (2) struts at a time to an emergency scene and arrive with everything needed to quickly stabilize a wreckage prior to accessing a trapped patient. This system utilizes a screw-type safety locking technology that simplifies use. This is also preferred over our current pin-type system.
- (C) Current air actuated rescue equipment and lifting bags are at their end of service life. Vetter air actuated emergency rescue equipment sets would replace the current aging equipment. This equipment includes high pressure lifting bags and accompanying operating manifolds and gauges.

**PREVIOUS COUNCIL ACTION(S):**

Date: March 4, 2002

Roll Call Number: [02-583](#)

Action: Bids for the following:

- (B) Sandry Fire Supply (Bob Sandry, President, Lansing, IA) for extrication equipment to be used by the Fire Department, \$76,675. (8 bids mailed, 2 received) ([Council Communication No. 02-104](#)). Moved by Vlassis to adopt. Motion Carried 6-1. Coleman absent.

**BOARD/COMMISSION ACTION(S): NONE****ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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