

**SEDGWICK COUNTY FIRE DISTRICT 1
ITEMS REQUIRING BOCC APPROVAL
August 6, 2020
(2 ITEMS)**

**1. 2 EA. SLIP-IN PUMP & TANK UNITS -- SEDGWICK COUNTY FIRE DISTRICT 1
FUNDING -- SEDGWICK COUNTY FIRE DISTRICT 1**
(Request sent to 64 vendors)

RFB #20-0041 S/C# Pending

		Ed M. Feld Equipment Co., Inc. dba Feld Fire	
	Qty.	Unit Cost	Extended Price
Slip-In Pump & Tank Unit	2	\$23,250.00	\$46,500.00
Make/Model:		SDL - Feld Fire Custom	
Total		\$46,500.00	
Acknowledge Addendum		Yes	
Delivery Date		10-12 weeks	
		W.S. Darley Co.	
	Qty.	Unit Cost	Extended Price
Slip-In Pump & Tank Unit	2	\$20,655.00	\$41,310.00
Freight		\$950.00	
Make/Model:		FA2/Option 1	
Total		\$42,260.00	
Acknowledge Addendum		No	
Delivery Date		6-8 Weeks ARO	
		Invena Corporation dba Emergency Fire Equipment	
	Qty.	Unit Cost	Extended Price
Slip-In Pump & Tank Unit	2	\$22,940.00	\$45,880.00
Make/Model:		Emergency Fire Custom	
Total		\$45,880.00	
Acknowledge Addendum		Yes	
Delivery Date		90 days	
		Fleetpride	
	Qty.	Unit Cost	Extended Price
Slip-In Pump & Tank Unit	2	\$26,455.94	\$52,911.88
Make/Model:		H7518-30008	
Total		\$52,911.88	
Acknowledge Addendum		Yes	
Delivery Date		12-14 weeks	
No Bid		Danko Emergency Equipment Co.	Ed Roehr Safety Equipment
		Elbeco, Inc.	Excellence, Inc.
		SVI Trucks	Toyne Fire Apparatus
		Vallen	

On the recommendation of Josh Lauber, on behalf of Sedgwick County Fire District 1, Linda Kizzire moved to **accept the low bid meeting specifications from Invena Corporation dba Emergency Fire Equipment in the amount of \$45,880.00**. Margaret Flanders seconded the motion. The motion passed unanimously.

The Slip-in Pump and Tank units are used in the rear bed of the Fire Squad trucks for first response at grass and trash fires. These items are replaced when we replace the vehicle in which they are used.

Notes:

The low bid from WS Darley does not meet specs in several areas:

-Item I.1 Pump does not meet our spec (Hale Pump specified, Darley Pump is provided in their response)

Hale Pump has been our standard for 15+ years, It is standardized for operational and training purposes. The Hale Pump is available for any manufacturer to purchase.

-Item I.8 (Pump body not as specified)

We use anodized aluminum to curb corrosion. Not for sure what part of the specification they do not meet as it is not disclosed

-Item I.9 No Response

-Item I.10 No Response

- Item II.3 Not as specified, (smaller plumbing) The smaller plumbing will decrease flow rates when filling the tank, taking longer time to fill during fire operations
- Item II.4 Not as specified, (smaller plumbing) The smaller plumbing will decrease flow rates when filling the tank, taking longer time to fill during fire operations
- Item II.5 Not as specified, (smaller plumbing) The smaller plumbing will decrease flow rates when filling the tank, taking longer time to fill during fire operations
- Item II.6 Not as specified, (smaller plumbing) The smaller plumbing will decrease flow rates when filling the tank, taking longer time to fill during fire operations
- Item III.1 Not as specified, (no pump panel) A 20x20 pump panel is our standard. It keeps all of them the same for training and operational purposes(Standardization) There model does not have a pump panel
- Item III.3.g Not as specified. Not located in a standard pump panel configuration.
- Item III.3.h Not as specified. Not located in a standard pump panel configuration.
- Item III.3.i Not as specified. Not located in a standard pump panel configuration.
- Item III.1 Not as specified. (Water tank does not have a lifetime warranty) Major cost to repair tank if needed, typically repair 5 to 6 tanks per year at no cost.
- Item IV.1,2,3,4 Not as specified (Hose Beds)
- Item V.4 Not as specified (Booster Reel Rewind)
- Item V.6 Not as specified. The foam system listed in our spec is our standard foam system (Standardized design) and can be purchased by any manufacturer) this is done so all of our systems operate the same.
- Item VII Not as specified

The proposed unit will pump water, put fire out as well as other pumps. Our specification is designed to maintain standardization of operation and design to minimize operator issues. This design has been in place and works well for the SCFD and can be built by anyone that manufactures the units. Some manufactures have a design that is their own design (one size fits all) and market it which is what Darley has proposed, it is not a good fit for our operation. SCFD stocks repair parts for the spec we published so that repair parts are always available minimizing down time. The design we have specified also allows us to install these units in a much reduced timeframe of having to custom fit a non-specified unit onto a new piece of Apparatus.

These are replacement units. Surplus will be sold on Purple Wave.

Questions and Answers:

Linda Kizzire: Have we bought from Invena before?

Brian Richey: Invena has just purchased Emergency Fire Equipment so technically I would say Invena, we have not. They are going to be built by the same employees of Emergency Fire Equipment and are now Invena employees. It should be carbon copies of the previous units we received from them over the last eight (8) or ten (10) years.

Linda Kizzire: Have you been happy with their work in the past?

2. SELF-CONTAINED BREATHING APPARATUS (SCBA) -- SEDGWICK COUNTY FIRE DISTRICT 1 (SCFD)
FUNDING -- SEDGWICK COUNTY FIRE DISTRICT 1
 (Joint Governmental Purchase - City of Wichita, Kansas Contract #20200163)

#20-2051 Contract

	Ed M. Feld Equipment Co., Inc. dba Feld Fire
Self-Contained Breathing Apparatus (SCBA)	Pricing listed on above City of Wichita Contract

On the recommendation of Josh Lauber, on behalf of Sedgwick County Fire District 1, Russell Leeds moved to **utilize the City of Wichita, Kansas contract #20200163 with Ed M. Feld Equipment Co., Inc. dba Feld Fire good through May 31, 2021.** Linda Kizzire seconded the motion. The motion passed unanimously.

The self-contained-breathing -apparatus (SCBA) is the first line of respiratory protection in the fire service. It along with SCFD #1 turn out gear is what allows firefighters to enter burning structures or other hazardous environments to search for trapped occupants, make rescues when necessary, and operate in the Immediately-Dangerous-to Life-and Health (IDLH) atmospheres to protect life and property. SCFD #1 relies heavily on this equipment anytime they respond to a fire, hazardous material call, or any time a potentially hazardous atmosphere might be present. Additionally, firefighter cancer rates have climbed at an exponential rate with some such as testicular cancer being as high as 2.02 times greater incidence as the general public, with the respiratory tract as one of the primary routes of exposure. The SCBA is the first line of defense against respiratory threats that are faced daily as we attempt to mitigate the risks as much as possible. Our current SCBAs are approaching ten (10) years of age and are at the end of their life expectancy.

Notes:

<https://www.wichita.gov/Finance/Purchasing/Contracts/20200163.pdf>

For additional information, please visit:

The estimated total purchase price for the project is \$558,479.49.

Feld Fire is an established reputable vendor whom SCFD #1 has used for several years for various needs. Feld Fire has also provided service to SCFD #1 for equipment related to breathing air supply including SCBAs, compressors, and the Mobile Air unit which responds to fires. Feld is established in much of the central and north central U.S. and is based in Iowa. As this purchase is a tag onto the contract with the City of Wichita, Feld was awarded the contract after a competitive bidding process and SCFD #1 is benefitting from pricing based on the greater quantity of the Wichita contract and the anticipated tag-on orders.

The equipment being purchased is all for respiratory protection. The SCBAs, cylinders, and masks are the first line equipment and carried on all apparatus. The RIT Pak IIIs are for rescuing downed firefighters who may have been injured or become entrapped in a fire or hazardous environment. The Supplied Air Cart is for our Technical Rescue Team for rescue operations in a confined space. This is replacing original equipment that is 25 years old.

Questions and Answers:

Russell Leeds: Utilizing the city contract and with this being a vendor we have used in the past, I assume this means the city and county are using the same type of equipment that is interchangeable?

Tony Tracy: Yes. Our equipment coincidentally came due for replacement at the same time. This actually increases with their purchase our compatibility with each other's equipment so the interchangeability is pretty seamless. For example, using the mobile air trucks, which bring extra bottles and air to fill the bottles, is now completely compatible with each other's equipment, which wasn't in the past. It's a big improvement on our interoperability.

Russell Leeds: Is it helpful with maintenance and repairs?

Tony Tracy: Absolutely. This is also warranted for the lifetime of the equipment. As long as we own it, the warranty is still good.

Linda Kizzire: Ten years sound like an awful long time for something that is so critical for your employees.

Tony Tracy: It's a pretty intricate piece of equipment with electronics. It's 4,500 PSI of air when we fill it up. It's well-built and very well-engineered. As you can see, it's fairly expensive, a little over \$5,000.00 per unit. Ten (10) years is the life expectancy of those. We had some that didn't make it ten (10) years. It's dependent on use and abuse. The air cart we are replacing is closer to 20 years. It will be replaced brand new with this purchase.

Linda Kizzire: I see it's 25 years old so it is old.

Tony Tracy: Again it's all compatible with our response partners. Derby, Valley Center is actually doing a tag-on purchase with this contract, as is Cheney. We will all be compatible. This is a big benefit.