ITEMS REQUIRING BOCC APPROVAL
July 28, 2022
(1 Item)

1. **VARIOUS FIRE APPARATUSES -- SEDGWICK COUNTY FIRE DISTRICT 1**
   FUNDING -- SEDGWICK COUNTY FIRE DISTRICT 1
   (Joint Governmental Purchase - HGACBuy Contract No. FS12-19A)

   #22-2052 Contract

		Conrad Fire Equipment, Inc.	
	Qty.	Unit Cost	Extended Cost
Pierce Velocity Pumper	3	**$998,588.13**	**$2,995,764.39**
Delivery Date		**Approximately 28 Months**	
Pierce Freightliner Tanker	2	**$615,710.83**	**$1,231,421.66**
Delivery Date		**Approximately 22 Months**	
Pierce Velocity Aerial	1	**$1,538,030.45**	**$1,538,030.45**
Delivery Date		**Approximately 26 Months**	
Total		**$5,765,216.50**	

On the recommendation of Britt Rosencutter, on behalf of Sedgwick County Fire District 1 (SCFD 1), Anna Meyerhoff-Cole moved to **utilize HGACBuy Contract No. FS12-19A with Conrad Fire Equipment, Inc. in the amount of $5,765,216.50.** Jennifer Blasi seconded the motion. The motion passed unanimously.

Pumper/Engine
A pumper is traditionally what most people refer to when they see a fire engine and is the backbone of any fire department. It is used in all aspects of the fire service. A pumper is usually designed by each fire department to fit its individual needs and carries a fire pump, water tank, ladders, and all tools needed to fight fires. Its main purpose is to pump water to fight fires from a static or pressurized water supply.

Tanker/Tender
A water tender is a type of firefighting apparatus that specializes in the transport of water from a water source to a fire scene. Water tenders are capable of drafting water from a stream, lake, or hydrant. This class of apparatus does not necessarily have enough pumping capacity to power large hose lines (like a fire engine), though it utilizes a smaller pump to draft from bodies of water. Water tenders are a very crucial element in the operation of SCFD 1.

Aerial/Quint
A quint is a fire-service apparatus that serves the dual purpose of an engine and a ladder truck. The name "quint" means five (5) and refers to the five (5) functions it provides: pump, water tank, fire hose, aerial device, and ground ladders. Quints are aerial devices utilized in many different roles. Some, but not all of the roles are: pumping large amounts of water during fire operations, creating a water tower of at least 107' for aerial firefighting, providing personnel a path for rescuing citizens at least 107' above ground and five (5) degrees below a horizontal grade, and pumping for a short period of time without any additional water supply.

Due to current supply chain disturbances, acquiring replacement parts has become more difficult. Since SCFD 1 already has Pierce apparatuses in the fleet, there are many replacement parts on hand to alleviate some of this burden. Additionally, with the advances in technology, the fleet mechanics have been training to work on this brand of apparatuses and their electronics.

Notes:

Vehicle #	Year	Make & Model	Points	Mileage	Apparatus
20239	2002	Pierce	15	131,756	Pumper/Engine
20240	2007	Smeal	20	121,143	Pumper/Engine
20241	2010	Smeal	12.7	67,525	Pumper/Engine [This vehicle will be at 15 pts. within two (2) years]
20130	2007	Sutphen	15	128,056	Aerial/Quint
232	1999	Freightliner	15	44,531	Tanker/Tender
36	2004	Kenworth	15	59,756	Tanker/Tender

This pricing was competitively bid through the HGACBuy bidding process and is a 10% discount off of the manufacturer's list price plus a 1% HGACBuy discount for a total discount of 11%.

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

Questions and Answers

Russell Leeds: Chief, would you give us an overview of the supply chain issue?

Doug Williams: One of the things we've gotten pressed with over the past is normally the apparatus in the past has been on a 12-13 month build time for most of what we buy. We've generally always ordered now for the next year. With our Fleet plan, we have it projected out through 2027 currently. When we started this process in May updating our specs for each one of these apparatuses, we started finding out now the delivery time is anywhere between 24-28 months instead of 12-13. We're ordering apparatus now that are in our Fleet plan for replacement in 2023 and 2024 and none of them will actually be delivered until 2024. So we're trying to get moved through now that those trucks that may go out to 28 months will still be delivered in 2024 and not be out on a three (3) year timeframe.

That's one of the reasons why we're buying double what we would normally buy in a year. The same problem goes with the parts. The quint that is on there is the same thing we bought two (2) years ago. At the time we bought it, that spec and that company was the low and best bid at the time. We're buying the same thing now and the tenders are the same as the last two (2) we bought. So we're not diverting from what we've been buying at all. We're continuing to buy off our old specs and it builds in some parts issues. People don't understand how technical these trucks are. I know that Fleet deals with road graders and electronics. Everything is so technical now that the more we can specialize the less we have in mechanical repair time and parts. Our mechanics do store some parts and the more consistent we are in our Fleet, the easier it is for them to keep our trucks going. We had one (1) truck that was broken down for three (3) or four (4) months because we couldn't get parts for it. The more we get consistent, the better that's going to be for us.

You'll look at the trucks we're replacing now, none of the are the same brand. That just shows you where we've come from and what we've had to fight in replacing apparatus. There's a $150.00 part I always carry around that shuts down a $1.5 million quint. If it takes a month to get that part, you have a very expensive fire truck sitting in that Fleet shop collecting dust because we can't get a $150.00 part. If you have 10 different types of trucks, you have to stock 10 times the amount of parts to try and alleviate that. It's really hard.

Aerial/Quint

Tanker/Tender

Pumper/Engine