

ITEMS REQUIRING BOCC APPROVAL

February 23, 2023

(2 Items)

1. SEDGWICK COUNTY ADF ELECTRIC SERVICE MODIFICATIONS -- PROJECT SERVICES

FUNDING -- PROJECT SERVICES

(Request sent to 374 vendors)

RFB #23-0005 S/C #Pending

	Gerena Construction	Phillips Southern Electric Co., Inc.	
Lump Sum, Base Bid	\$526,000.00	\$519,770.00	
Days to Substantial Completion	412	335	
Days to Final Completion	15	30	
Total Calendar Days	427	365	
Bid Bond	Yes	Yes	
Acknowledge Addendum	Yes	Yes	
No Bid	4C Construction LLC	American Control & Engineering Services	Delta Electric
	Diggs Construction Co., Inc.	Dondlinger & Sons Construction Co.	Evans Building Co., Inc.
	Gordon Construction, LLC	Greenway Electric	Hutton Construction
	Johnson Controls Fire Protection	Kansas Electric, Inc.	Legacy Building Solutions, LLC
	Loper C-I Electric	McCownGordon Construction	Murdock Companies, Inc.
	Murray and Sons Construction Co., Inc.	Utility Consultants, Inc. (UCI)	Wildcat Construction Co., Inc.

On the recommendation of Lee Barrier, on behalf of Project Services, Tim Myers moved to **accept the low bid from Phillips Southern Electric Co., Inc. in the amount of \$519,770.00**. Anna Meyerhoff-Cole seconded the motion. The motion passed unanimously.

This project will relocate the 4,000 amp transformer and busway serving the north section of the Adult Detention Facility (ADF). This move will reduce the length of busway from 610 feet to 90 feet. This will increase the efficiency of the power transmission to the facility and reduce the risk of exposing the busway to other potential leaks from water/sewer lines inside the building.

BOARD OF BIDS AND CONTRACTS FEBRUARY 23, 2023

**2. WATERS TECHNOLOGIES PURCHASE OF LC-MS/MS -- REGIONAL FORENSIC SCIENCE CENTER (RFSC)
FUNDING -- TOXICOLOGY**

(Single Source)

#23-2015 S/C #Pending

	Waters Technologies Corporation dba Waters Corporation
	Item Price
Xevo TQ-S Micro System	\$420,860.00
System Discounts	-\$89,293.53
Trade-In 2 Acquity TQD Systems	-\$24,000.00
Estimated Freight Charge	\$7,500.00
Grand Total	\$315,066.47

On the recommendation of Joe Thomas, on behalf of Regional Forensic Science Center, Anna Meyerhoff-Cole moved to **accept the quote from Waters Technologies Corporation dba Waters Corporation in the amount of \$315,066.47**. Tim Myers seconded the motion. The motion passed unanimously.

The Liquid Chromatograph Tandem Mass Spectrometer (LC-MS/MS) systems are used for the qualitative identification and quantification of drugs in biological matrices. The mass spectrometers currently in use will no longer be supported by the manufacturer for preventative maintenance and/or repairs starting January 2025.

This instrumentation is used for both post-mortem (autopsy specimens) and ante-mortem (DUI/DUID) cases and if not replaced prior to obsolescence, toxicology testing that is essential for certification of cause/manner of death and necessary for charging criminal cases will no longer be possible.

This new Waters Corporation LC-MS/MS system will be an updated model of the current systems that the laboratory is utilizing. The new system requires the same consumables, which are currently being purchased by the laboratory. All validated methods analyzed by the current systems can be moved to the new system since they utilize the same software. This will expedite method validation on the new system and reduce the impact on turnaround time for ongoing casework analysis.

Questions and Answers

Anna Meyerhoff-Cole: What are the systems we are trading in for a discount?

Shelly Steadman: The two (2) systems we are trading in are similar systems. These are systems that were purchased between 2017 and 2019 that were considered refurbished. There's a difference between used instrumentation and refurbished instrumentation. These were basically built from parts of other components that were put together to create functional LC-MS units so by this time we purchased them, their lifetime was somewhat limited. The trade in serves two (2) purposes; 1) is we do get some credit and they can salvage any potentially usable parts for them to continue to service other laboratories 2) but also because this instrumentation is extremely difficult to dispose of, the trade in is desirable because it helps get it off site.

Tim Myers: How long do you think these new systems will last?

Shelly Steadman: We expect them to last between 10 and 15 years. I would hazard to guess some of the parts on our other instruments have been running for 20 years. It's somewhat dependent on not so much on how the instruments but how long the company supports them. These are fairly new instrumentation so we're expecting at least ten years out of these.