

ITEMS REQUIRING BOCC APPROVAL

June 1, 2023

(1 Item)

1. AGILENT TECHNOLOGIES - GAS CHROMATOGRAPHY/NITROGEN PHOSPHORUS DETECTOR (GC-NPD) --
REGIONAL FORENSIC SCIENCE CENTER (RFSC)
FUNDING -- COVERDALE FY'23

(Single Source)

#23-2039 S/C #8000217107

	Agilent Technologies
	Item Price
1. Agilent 8890 Gas Chromatograph System (Custom)	\$36,926.00
2. 7693 Autoinjector	\$10,777.00
3. OpenLab ChemStation PC Bundle	\$18,694.00
4. OpenLab CDS Interment Driver License	\$2,153.00
5. 8890 Gas Chromatography System	\$10,447.00
6. System Discounts with trade-in	-\$23,385.69
7. Estimated Freight Charge	\$1,668.35
Grand Total	\$57,279.66

On the recommendation of Britt Rosencutter, on behalf of Regional Forensic Science Center, Tim Myers recommended to **accept the quote from Agilent Technologies in the amount of \$57,279.66**. Anna Meyerhoff- Cole seconded the motion. The motion passed unanimously.

The GC-NPD system is used for the identification of compounds that contain nitrogen or phosphorus and is essential screening for basic drugs and their metabolites. The GC-NPD system currently in use was manufactured in 1996 and support by the manufacturer for preventative maintenance and/or repairs will be discontinued in upcoming years.

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 GC-NPD system will be an updated model of the current system that the laboratory is utilizing. The new system requires the same consumables, which are currently being purchased by the laboratory. All 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.