

# BOARD OF BIDS AND CONTRACT MARCH 27, 2015

## 4. GAS CHROMATOGRAPH/MASS SPECTROMETER -- REGIONAL FORENSIC SCIENCE CENTER FUNDING -- RFSC EQMASS SPECT

(Request sent to 20 vendors)

RFB #15-0025 #8000060925

	PerkinElmer Health Sciences, Inc.	Agilent Technologies, Inc.	QA Group, LLC dba Quantum Analytics	Shimadzu Scientific Instruments, Inc.	<b>Thermo Electron North America, LLC (Option 1)</b>	Thermo Electron North America, LLC (Option 2)
1. Gas chromatograph	\$16,273.40	\$92,036.00	\$24,172.40	\$62,881.28	<b>\$16,133.89</b>	\$15,289.50
Manufacturer and model	PerkinElmer Clarus 680GC	Agilent 7890B	Agilent 7890B GC, 7693A autoinjector, 7693A tray	Shimadzu GC-2010 Plus	<b>Thermo Scientific Trace 1310 GC</b>	Thermo Scientific Trace 1300 GC
2. Mass spectrometer	\$43,035.60	included	\$54,585.70	included	<b>\$44,454.00</b>	\$38,276.00
Manufacturer and model	PerkinElmer Clarus SQ8S	Agilent 5977A	Agilent 5977A MSD/DS bundle, G3397B ion gauge, NIST library	Shimadzu QP-2010 SE	<b>Thermo Scientific ISQ LT</b>	Thermo Scientific ISQ QD
3. PC bundle	\$480.00	included	included	included	<b>included</b>	included
4. LaserJet printer	\$506.00	included	included	included	<b>\$510.54</b>	\$510.54
5. License	(left blank)	included	included	included	<b>\$2,039.40</b>	\$2,039.40
6. Installation fee	\$2,616.00	included	\$2,112.90	included	<b>included</b>	included
7. Shipping and handling	\$1,007.01	included	included/ misc. \$789.65	included	<b>\$325.00</b>	\$325.00
Total	\$63,918.01	\$92,036.00	\$81,660.65	\$62,881.28	<b>\$63,462.83</b>	\$56,440.44
Options						
1. Extended warranty	\$28,492.80	\$8,052.00 for year 2	\$5,848.20 - 2 yr \$11,450.16 - 3 yr \$16,990.56 - 4 yr \$22,407.84 - 5 yr	\$5,900.00 per year	\$7,461.60, 2-day on-site training \$4,365.00	\$6,427.20, 2-day on-site training \$4,365.00
2. Trade-in allowance for HP 5972 GC/MS	N/A	\$23,009.00 (included in price above)	included in pricing above	\$9,150.00 (not included in price above)	<b>\$37,266.95 (included in price above)</b>	\$39,010.55 (included in price above)
No bid	Dave Allert Co.	Phenomenex, Inc.	Waters Technologies Corporation			

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On the recommendation of Kara Kingsley, on behalf of the Regional Forensic Science Center, Jennifer Dombaugh moved to **accept the low responsive bid from Thermo Electron North America, LLC (Option 1) in the amount of \$63,462.83.** Linda Kizzire seconded the motion. The motion passed unanimously.

Thermo Electron North America, LLC (Option 1) provided a higher grade Gas Chromatograph (GC) than what was provided for, in their Option 2. The higher grade GC has a self-contained electronic control pad and monitor built into it, Option 2 does not. This enhancement will allow for the capability of self-diagnostics on the GC portion of the system and allow staff to troubleshoot. Option 2 would require suspension of use and a service call to an engineer to come on-site to address the issue.

A Gas Chromatograph/Mass Spectrometer is used for detection and identification of drugs in blood, tissue (such as brain and liver) and urine specimens. This information is used to assist in the determination of cause of death in our coroner cases and for investigation and prosecution of driving under the influence of drug cases.

Note:

The Shimadzu Scientific Instruments, Inc. bid does not meet the required specifications, especially on the Mass Spectrometer (MS) side of the instrumental platform. The high performance of the MS is critical for the generation of the highest quality of data required for our casework. In the court system, any perceived inferior performance of laboratory equipment may be problematic.