



City Council Report

Date: February 26, 2018
To: City Council
Through: Michael Kennington, Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: Purchase of a Liquid Chromatograph Time-of-Flight Mass Spectrometer (Addition) for the Police Department (\$142,500.00 funded through the Governor's Office of Highway Safety Grant and \$142,498.06 in the Police Department operating budget) **(Sole Source) (Citywide)**

Recommendation

Council is requested to approve the award as recommended.

The Police Department and Purchasing recommend awarding the contract to sole source vendor, Agilent Technologies at \$284,998.06.

Background / Discussion

The Police Department, Forensic Services Division is a nationally recognized and accredited crime laboratory. Mesa leads technology by being the first agency in Arizona to utilize a blood-only program. Blood testing provides a more efficient scientific evaluation on levels of blood alcohol and drug concentration without the legal challenges associated with breath and urine drug testing. Mesa is also recognized as a national leader in Drug Recognition Expert examinations that identify impaired drivers under the influence of drugs. Blood drug analysis provides more definitive results of drugs that may affect the central nervous system. Blood drug testing requires more sensitive scientific equipment.

The Forensic Services Division is requesting to purchase a Liquid Chromatograph Time-of-Flight Mass Spectrometer. This equipment will enable the crime lab to effectively screen and test both blood and urine drug samples on criminal cases. This instrument will allow the laboratory to screen for over 800 known impairing drugs, including new substances such as spice, bath salts and new opioid designer drugs. Currently these are sent to the Arizona Department of Public Safety or National Medical Services Laboratory.

Agilent 6230 is the only Time-of-Flight instrument available on the market which is fully supported and controlled directly within Agilent's MassHunter software platform. Data files generated within this software are directly compatible with MassHunter Qualitative and Quantitative Analysis. This is the same software platform currently used on all instruments in the Laboratory. All analysts are familiar with and have worked with MassHunter software over the last eight years. Reports generated with this software are compatible with the laboratory's data storage system NuGenesis.

Purchasing this instrument will result in time and cost savings paying for itself within 2-1/2 years. The estimated savings to the City of Mesa over a 10-year period is \$937,500.00.

Agilent is the sole manufacturer, only authorized support provider and only direct source in Arizona.

Purchase Information

Action: Award

Procurement Type: Sole Source

Contract Number: 2018134

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: The purchase is funded by the Governor's Office of Highway Safety Grant (\$142,500.00) and the Police Department, Forensic Services Division operating budget (\$142,498.06)

AWARD RECOMMENDATION

Quantity 1 - G6230BA, Mass Time-of-Flight Liquid Chromatograph/Mass Spectrometer with AJS including Delivery, Installation and 1-Year SW Update/Phone Assistance, Training and 1 Year PC Repair Recovery Service per Contract No. 2018134 and Quote No. 2448473 dated 1/3/2018

Base	\$264,348.15
Estimated Sales Tax	<u>\$20,649.91</u>
Total	<u>\$284,998.06</u>