



City Council Report

Date: February 27, 2017
To: City Council
Through: Michael Kennington, Chief Financial Officer
From: Edward Quedens, MPA, C.P.M., CPPO, Business Services Director
Matt Bauer, MBA, CPPO, CPPB, CPSM, Procurement Administrator
Subject: Purchase of a Replacement Gas Chromatograph Mass Spectrometer for the Water Resources Department **(Citywide)**

Purpose and Recommendation

Council is requested to approve the purchase of a Gas Chromatograph Mass Spectrometer with Purge and Trap Sample Concentrator with Autosampler as recommended.

Water Resources and Purchasing recommend authorizing the purchase using the City of Tucson cooperative contract with Agilent Technologies at \$127,066.83.

Background / Discussion

This purchase will provide a gas chromatograph mass spectrometer to run organic analyses for wastewater, bio-solids, and drinking water. Currently organic analyses are performed by an outside laboratory and it can take 2 to 3 weeks to receive contamination data back from a sample. Quick analyses performed on this new equipment will help assess potential threats in the drinking water and wastewater effluent. During an emergency, it is important to public safety, public confidence, and federal and state regulations that we test for potential contamination and prevent any exposure to the public. The old gas chromatograph mass spectrometer was purchased in 1998 and does not achieve the detection limits needed to detect contamination in the wastewater or drinking water.

The City of Tucson contract was competitively bid, allows for cooperative use, and meets the City's procurement requirements. Using the cooperative contract provides volume based pricing that is beneficial to City. It is unlikely that a competitive bid will result in better pricing or significant savings than through the cooperative contract.

Alternatives

Council may choose not to award the purchase and new quotes will be obtained.

Fiscal Impact

The total amount is funded by the Water Resources Department operating budget.

Coordinated With

Water Resources and Purchasing

PURCHASING INFORMATION

Action: Award

Procurement Type: Request for Quotes (from City of Tucson Contract)

Contracting Agency: City of Tucson

Contracting Agency Contract Number: 161467

Mesa Contract Number: 2017143

AWARD RECOMMENDATION

Agilent Technologies

Wilmington, DE

Description	
Purchase of Gas Chromatograph Mass Spectrometer with Purge and Trap Sample Concentrator with Autosampler per Contract No. 2017143, City of Tucson Contract 161467, Terms and Conditions, Specifications and Quote No. 2180730 dated 12/5/2016	
Base	\$118,902.82
Sales Tax	<u>\$8,164.01</u>
Total	<u>\$127,066.83</u>