

## RESOLUTION NO. 2019-0153

Adopted by the Sacramento City Council

May 14, 2019

### **Purchase of Mass Spectrometers from Thermo Electron North America LLC & Agilent Technologies**

#### **BACKGROUND**

- A. The Department of Utilities (DOU) is mandated to perform routine and consistent monitoring of the City's drinking water to ensure public health and maintain compliance with Federal and State regulations.
- B. Two of the analytical instruments used by the City's Water Quality Laboratory for the analysis of drinking water samples, the Gas Chromatograph-Mass Spectrometer (GC-MS) and the Inductively Coupled Plasma-Mass Spectrophotometer (ICP-MS), need replacement. Careful maintenance and upkeep by the City's chemists combined with regular manufacturer service have kept the instruments in operation through their useful life. However, both instruments are no longer supported by their respective manufacturers. Difficulty with procurement of parts and service make the instruments unreliable and thus unsuitable for regulatory compliance testing.
- C. City Code Section 3.56.230 allows the City Council to suspend competitive bidding, on a 2/3 vote, when the Council determines that it is in the best interest of the City to do so. It is in the City's best interest to suspend competitive bidding for the purchase of a GC-MS from Thermo Electron North America LLC and an ICP-MS from Agilent Technologies because the City Water Quality Laboratory's current instruments are now over 10 years old and are no longer supported by their respective manufacturers. These replacement instruments were selected by the City's Water Quality Chemists. For each instrument, selection was based on suitability for the workload, analytical requirements of the City's Water Quality Laboratory, and on each manufacturer's industry-wide reputation for reliability and excellent customer support based on our survey of known users. These two specific instruments have been tested and used by other agencies and have the capabilities needed to stay compliant with Title 22 of the California Code of Regulations. The vendors are extending the same pricing to the City of Sacramento as they did with other agencies. Approving the agreements will allow DOU to replace the current equipment with equipment that is suitable for the workload and analytical requirements of the City's Water Quality Laboratory.
- D. Sufficient funding is available in the Drinking Water Quality CIP (Z14001500) for these purchases.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

- Section 1. Competitive bidding is suspended for the purchase of a GC-MS from Thermo Electron North America LLC and an ICP-MS from Agilent Technologies
  
- Section 2. The City Manager or the City Manager’s designee is authorized to execute a Supplies Agreement in an amount not-to-exceed \$107,030 with Thermo Electron North America LLC for the purchase of a Gas Chromatograph - Mass Spectrometer (GC-MS) and to execute a Supplies Agreement in an amount not-to-exceed \$166,199 with Agilent Technologies for the purchase of a Inductively Coupled Plasma - Mass Spectrometer (ICP-MS). Funding for these purchases is available in the Drinking Water Quality CIP (Z14001500).

Adopted by the City of Sacramento City Council on May 14, 2019, by the following vote:

Ayes: Members Ashby, Carr, Guerra, Hansen, Harris, Jennings, Schenirer, Warren and Mayor Steinberg

Noes: None

Abstain: None

Absent: None

Attest: **Mindy Cuppy** Digitally signed by Mindy Cuppy  
Date: 2019.05.16 11:30:34  
-07'00'  

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Mindy Cuppy, City Clerk

*The presence of an electronic signature certifies that the foregoing is a true and correct copy as approved by the Sacramento City Council.*