

**Executive Summary**  
**Purchase of Speciation Sampling Equipment**

**Background/Purpose:**

Authorizing the Director of Public Health to enter into one or more sole source purchasing contracts in order to purchase speciation-monitoring equipment. The sole source vendors are URG Corporation and Met One Instruments, parent company ACOEM.

USEPA has approved Inflation Reduction Act (IRA) money be spent to purchase speciation samplers for four (4) monitoring sites.

The four (4) monitoring sites are part of the USEPA Chemical Speciation Network. The multiple objectives of the speciation network includes:

- The assessment of trends;
- The development of effective State Implementation Plans (SIPs) and determination of regulatory compliance;
- The development of emission control strategies and tracking progress of control programs;
- Aiding in the interpretation of health studies by linking effects to PM<sub>2.5</sub> constituents;
- Characterizing annual and seasonal spatial variation of aerosols; and
- Comparison to chemical speciation data collected from the Interagency Monitoring of Protected Visual Environments (IMPROVE) network.

**Contract amount:** \$155,000 will be spent between two (2) vendors identified above.

**Term:** July 1, 2023 to June 30, 2024

**Funding Source:** GRANT Funded – Ohio EPA Grant – IRA funding