

ICP – OES SYSTEM PURCHASE

BULLET POINTS

- The Central Laboratory at Environmental Services needs to replace the existing ICP-OES (Inductively-Coupled Plasma with Optical Emission Spectrometer Analyzer System) used for detection of trace metals in environmental samples.
- The nineteen (19) year old unit is no longer supported by the company and replacement parts are no longer available.
- This metals analyzer is essential and critical to complying with the Ohio EPA National Pollutant Discharge Elimination Systems (NPDES) permit for storm water, and federal, state and local regulations for the Pretreatment Program.
- Three formal bid responses were received: Agilent Technologies, Inc. (\$61,718); PerkinElmer Health Sciences, Inc. (\$64,383) and Thermo Electron North America, LLC (\$69,052).
- It is recommended that the contract be awarded to PerkinElmer Health Sciences, Inc. in the amount of \$65,000. Although PerkinElmer did not have the lowest bid, our existing unit is a PerkinElmer instrument. One of the main reasons for the longevity of the instrument is the excellent customer service provided to us by the vendor.
- The funding for this replacement instrument comes from the 2020 CIP Sewer Replacement Fund (\$25,675), Storm Water Replacement Fund (\$21,710), and Water Replacement Fund (\$17,615) with account code 4UC1520STDSTD.