

**Information to be included in all Legislation authorizing
Entering into Contracts:**

The names of all companies bidding, or submitting an RFP or RFSQ

Agilent Technologies, Inc.
Perkinelmer Health Sciences, Inc.

The location by City and State of all companies bidding, or submitting an RFP or RFSQ

Agilent Technologies, Inc. – Santa Clara, CA
Perkinelmer Health Sciences, Inc. – Shelton, CT

The status, Majority, MBE or FBE, of all companies bidding, or submitting an RFP or RFSQ

Agilent Technologies, Inc. – MAJ
Perkinelmer Health Sciences, Inc. – MAJ

A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract.

The Agilent 7800 Inductively Coupled Plasma Mass Spectroscopy (ICP-MS) will be used by the WQAL to test the metals in drinking water and source water to protect public health.

- We currently have one instrument we use to analyze metals. It is 8 years old and we need a back-up instrument due to our increased sample load and reduced turnaround time.
- OAC 3745-89-08 requires complete analysis, including QC, within 30 business days after the lab receives a sample. We have a difficult time meeting 3745-89-08 since our current instrument can only analyze one metal at a time. Historically we batch samples and run some metals only every 90 to 180 days. ICP-MS does multi-element analysis in one pass, greatly increasing efficiency and reducing turnaround time.
- Ohio EPA and the public have put new emphasis on lead in drinking water. Recent Ohio EPA rules have increased our sample load, including: annual Lead/Copper Rule monitoring for suburban contract communities, required testing for partial lead service line replacements (Columbus and contract communities), and weekly manganese samples (currently outsource). USEPA is developing a strontium MCL which may impact how we treat the water down the road. USEPA is also currently finalizing the proposed revisions to the Lead and Copper Rule which will increase our sample load.
- ICP-MS will allow us to handle the increased sample load, as well as run manganese and strontium in-house. Quick turnaround time for the outsourced manganese has been an issue for the Dublin Road Water Plant, delaying their monthly report to Ohio EPA. The ability to run strontium in-house will allow us to better evaluate seasonal occurrence in the source water and removal through treatment.

ORD 2067-2020

- And lastly, the ICP-MS instrument is the only instrument that can screen for the naturally occurring radioactive elements (Francium, Radon, Actinium, Polonium, Radium, Technetium, Promethium, Plutonium, and others). Currently, the lab does not have any way to screen for naturally occurring or intentionally introduced radioactive contaminants in our source or finished drinking water.

A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.

N/A

An estimate of the full estimated cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.

\$106,506.21