



# City Council Report

**Date:** March 19, 2018  
**To:** City Council  
**Through:** Michael Kennington, Chief Financial Officer  
**From:** Edward Quedens, Business Services Director  
Matt Bauer, Procurement Administrator  
**Subject:** Purchase to Rehabilitate the Analog Laboratory Pressurization and Fume Hood Controls for the Water Resources Department **(Sole Source)**  
**(Citywide)**

## Recommendation

Council is requested to approve the award as recommended.

The Water Resources Department and Purchasing recommend awarding the contract to the sole source vendor, Airtelligence, Inc., at \$121,000.00.

## Background / Discussion

The Water Resources Department, Compliance Laboratory needs to rehabilitate the existing Phoenix Controls analog laboratory pressurization and fume hood controls. The analog controls are no longer supported and need to be rehabilitated and modernized to the Celeris System operating and performance standards.

The existing controls are all Phoenix Controls that were installed more than 15 years ago. Replacing the controls with anything other than Phoenix Controls would be labor and material extensive. It would require hiring a Mechanical Engineer to evaluate the current pressurization and fume hood controls system for flows and static pressure; they would need to qualify laboratory controls vendors that would work within the restraints of the existing air handlers and exhaust fans; and they would need to assist in writing the specifications for a bid solicitation. Also duct work modifications and replacement of existing thermostats would be required and a new system would require zone pressure sensors, sash sensors and fume hood monitors; estimated at \$302,000.00 which is cost prohibitive.

AirTelligence is the only licensed and authorized representative in Arizona.

## Purchase Information

Action: Award

Procurement Type: Sole Source

Contract Number: 2018150

Local Consideration: Policy did not apply to this procurement method

Protests Received: None

Funding Source: The purchase is funded in the Water Resources Department operating budget - Water Operations and Maintenance

## AWARD RECOMMENDATION

Rehabilitation to modernize the analog laboratory pressurization and fume hood controls at the Water Compliance Laboratory per Contract No. 2018150, Project No. 0100-17-az and Proposal dated 12/14/2017

Material	\$44,813.00
Startup, Wiring and Programming	\$66,039.00
Freight	\$842.00
Estimated 7.95% Sales Tax	<u>\$8,875.67</u>
Total	<u>\$120,573.67</u>

**Requested Contract Amount:** **\$121,000.00**