



# Staff Report

## Infrastructure & Public Works

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**Report To:** Committee of The Whole  
**Meeting Date:** June 10, 2019  
**Report Number:** CSPW.19.050  
**Subject:** Single Source Procurement for SCADA Components - Wastewater System, Alta Sewage Pumping Station  
**Prepared by:** Allison Kershaw, Manager of Water & Wastewater Services

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### A. Recommendations

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THAT Council receive Staff Report CSPW.19.050 entitled, "Single Source Procurement for SCADA Components – Wastewater System, Alta Sewage Pumping Station";

AND THAT Council approve the single source procurement of ARO Technologies at a total of \$62,300 for SCADA Components including programming and equipment related to communications and control for a remote sewage pumping station.

### B. Overview

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This report seeks Council approval to single source the Town's existing SCADA Integrator, ARO Technologies (ARO), for the supply and installation of equipment and SCADA programming to allow for the communications and remote control of the Alta Sewage Pumping Station. This work is included in the 2019 wastewater capital budget.

### C. Background

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In 2012 the Town awarded SCADA Integration Services at wastewater facilities to ARO Technologies. This contract covers all SCADA integration work under the wastewater operating budget.

The 2019 wastewater capital budget contains \$62,300 for programming and integration services for remote communications and control of the Alta Sewage Pumping Station. Over the past seven years, ARO has performed integration services and component supply under the operations budget and has developed a keen and unique understanding of the wastewater collection and treatment facilities' SCADA needs. They have performed extensive programming work throughout the system to the satisfaction of the Town.

The work includes the supply of a new Program Logic Controller (PLC), programming of the PLC, liquid level control, cell phone connection for this station and SCADA integration of the station to provide remote control and communications.

## **D. Analysis**

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From the Town's Purchasing Policy, single source procurement is acceptable:

"Single sourcing will be permitted [when]... there is an absence of competition for technical reasons and the Goods and/or Services can only be supplied by a particular Supplier".

In this case, because ARO Technologies is the Town's integrator, they are uniquely qualified to provide programming and equipment to work seamlessly within the Town wastewater system. It is preferred that the Town use the same integrator to do this work as ARO has in-depth knowledge and expertise with the Town's wastewater systems. It is also preferred that ARO supply the components for the system to facilitate congruent communications.

As such, Staff recommends that Council approve awarding single source procurement of ARO Technologies at a total of \$62,300 for programming and equipment related to the remote communications and control of the Alta Sewage Pumping Station.

## **E. The Blue Mountains Strategic Plan**

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Goal #2: Engage Our Communities & Partners

Objective #1 Improve External Communication with our Constituents

Goal #3: Support Healthy Lifestyles

Objective #1 Promote the Town as a Healthy Community

Objective #4 Commit to Sustainability

Goal #4: Promote a Culture of Organizational & Operational Excellence

Objective #2 Improve Internal Communications Across our Organization

Objective #3 To Consistently Deliver Excellent Customer Service

Objective #4 To Be a Financially Responsible Organization

Goal #5: Ensure Our Infrastructure is Sustainable

Objective #1 Develop a Long-Term Asset Management Plan for the Maintenance, Renewal and Replacement of Existing Infrastructure

Objective #2 Avoid Unexpected Infrastructure Failure and Associated Costs and Liability

Objective #3 Implement Best Practices in Sustainable Infrastructure

Objective #4 Ensure that Infrastructure is Available to Support Development

## **F. Environmental Impacts**

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Collection and treatment of sanitary waste

## **G. Financial Impact**

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The total project budget as included in the 2019 Approved Capital was \$137,300, the \$62,300 will be used to fund the works included in this report. The remaining \$75,000 will be used for other SCADA capital purchases not tied to the Alta Pumping Station work.

## **H. In consultation with**

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Maurice Dempster, Wastewater Supervisor

Serena Wilgress, Manager of Purchasing & Risk Management

Sam Dinsmore, Deputy Treasurer / Manager of Accounting and Budgets

## **I. Public Engagement**

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The topic of this Staff Report has not been subject to a Public Meeting and/or a Public Information Centre as neither a Public Meeting nor a Public Information Centre are required. Comments regarding this report should be submitted to Allison Kershaw, [managerwww@thebluemountains.ca](mailto:managerwww@thebluemountains.ca)

## **J. Attached**

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None.

Respectfully submitted,

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Allison Kershaw  
Manager of Water and Wastewater Services

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Reg Russwurm, MBA, P.Eng  
Director of Infrastructure and Public Works

For more information, please contact:  
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