



Staff Report

Operations Department

Report To: Committee of The Whole
Meeting Date: August 26, 2019
Report Number: CSPW.19.062
Subject: Single Source Procurement for SCADA Maintenance - Wastewater System
Prepared by: Allison Kershaw, Manager of Water & Wastewater Services

A. Recommendations

THAT Council receive Staff Report CSPW.19.062 entitled, Single Source Procurement for SCADA Maintenance - Wastewater System;

AND THAT Council approve the single source procurement of ARO Technologies for all SCADA work including maintenance, programming and equipment related to communications and control for the Wastewater System for 2019/2020.

B. Overview

This report seeks Council approval to single source the Town's existing SCADA Integrator, ARO Technologies (ARO), for all work related to SCADA at all the wastewater facilities. This work is included in the 2019/2020 wastewater operating and capital budget.

C. Background

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.

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 these plants and stations as well as SCADA integration of the stations to provide remote control and communications.

D. Analysis

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 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 for all SCADA work being completed at the Town's wastewater facilities for 2019/2020.

E. The Blue Mountains Strategic Plan

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

Collection and treatment of sanitary waste

G. Financial Impact

The total project budget as included in the 2019 Approved Capital was \$137,300, \$62,300 was used to fund the works at the Alta Pumping Station presented in staff report CSPW.19.050. The remaining \$75,000 will be used for other SCADA capital purchases not tied to the Alta Pumping Station work.

H. In consultation with

Maurice Dempster, Wastewater Supervisor

Ruth Prince, Director of Finance and IT Services/Treasurer

I. Public Engagement

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

J. Attached

None.

Respectfully submitted,

Allison Kershaw
Manager of Water and Wastewater Services

For more information, please contact:
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