A. Recommendations

THAT Council receive Staff Report CSOPS.20.019, entitled “Value Engineering Exercise Update March 10, 2020 - Thornbury Wastewater Treatment Plant Headworks Upgrade Project” for their information.

B. Overview

The purpose of this report is to update Council on the status of the Thornbury Wastewater Treatment Plant Headworks Upgrade Project as directed by Council.

C. Background

The Town is undertaking required upgrades to the Thornbury Wastewater Treatment Plant Headworks (the “Project”) to ensure grit, rags and detritus debris is removed from the influent sewage before it reaches the treatment process. The current headworks equipment is at the end of its life and is now non-operational. The failed headworks is now causing additional operational problems in the plant. This poses both a health and safety concern for the wastewater operators and the natural environment.

The Project was tendered and all bids received exceeded the approved budget. Staff prepared Staff Report CSOPS.20.002, “Request for Budget Increase – Thornbury Wastewater Treatment Plant Headworks Upgrade” and requested an additional budget increase of $997,700 from $3,047,500 to $4,045,200 to complete the works.

Council required Staff to undertake a Value Engineering Exercise with the lowest bidder to identify any possible reduction in the costs to complete the work. On Tuesday February 18, 2020 Staff met with the Town’s consultant, J.L. Richards, and the lowest bidder, H2Ontario. All facets of the tender document were reviewed to identify any potential cost savings.

On February 24, 2020, Council received staff report CSOPS.20.016 Value Engineering Exercise – Thornbury Wastewater Treatment Plant Headworks Upgrade Project. On February 24, 2020, Council passed a motion directing staff to provide a report to each Committee of the Whole meeting on the
status of the Thornbury Wastewater Treatment Plant Headworks Upgrade Project until directed otherwise by Council.

**D. Analysis**

Since February 24th, Staff have been working with the Contractor to get firm pricing on the agreed upon scope changes on the works. The construction tender has not been awarded and will not be until the change orders are agreed upon. It is anticipated that the pricing adjustments will be confirmed in the next two weeks and the tender can be awarded.

**E. The Blue Mountains Strategic Plan**

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**

Efficient and effective headworks are a critical component of the treatment process. Upgrades to the headworks are critical to maintaining an effect treatment system to protect the natural environment and public health.

**G. Financial Impact**

None.

**H. In Consultation With**

Shawn Everitt, CAO  
Allison Kershaw, Manager Water and Wastewater Services  
Brent Rolufs, Senior Infrastructure Capital Project Coordinator  
Serena Wilgress, Manager of Purchasing and Risk Management

**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 Shawn Carey, Directorops@thebluemountains.ca.
J. Attached

None.

Respectfully submitted,

Shawn Carey
Director of Operations

For more information, please contact:
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