

#### RESORT MUNICIPALITY OF WHISTLER

4325 Blackcomb Way
Whistler, BC Canada V8E 0X5
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## STAFF REPORT TO COUNCIL

PRESENTED: January 21, 2025 REPORT: 25-004

FROM: Infrastructure Projects FILE: 5330-03-1008

**SUBJECT:** CRABAPPLE SANITARY SEWER FORCE MAIN REPAIRS TENDER AWARD

#### RECOMMENDATION FROM THE CHIEF ADMINISTRATIVE OFFICER

That the recommendation of the General Manager of Infrastructure Services be endorsed.

## **RECOMMENDATION(S)**

**That** Council award the contract for the Crabapple Sanitary Sewer Force Main Repair Project in the amount of \$608,238.00 (exclusive of GST) to Coastal Mountain Excavations Ltd. in accordance with the letter of recommendation attached as Appendix A to Administrative Report No. 25-004.

#### **PURPOSE OF REPORT**

The purpose of this report is to inform Council of the status of the Crabapple Sanitary Sewer Force Main Repair (Crabapple Repair) Project and procurement process and to request approval to proceed with the contract award to Coastal Mountain Excavations Ltd. (CME) for the construction work to implement the Crabapple Repair in the amount of \$608,238.00 (exclusive of GST).

□ Information Report	□ Administrative Report (Decision or Direction)
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## **DISCUSSION**

#### Background

In October 2023, a sewer pipe in front of the Crabapple sewer lift station broke, resulting in a leak. A temporary repair was made to address the issue by fixing the underground sewer pipe and fitting. The cause of the break was identified as excessive bending or shifting of the pipe, likely caused by ground movement around it.

To implement a permanent solution, this project will involve setting up a temporary bypass system for the lift station. The bypass is necessary to redirect wastewater flow, allowing contractors to safely remove the damaged pipe and perform repairs in dry conditions. This setup will ensure uninterrupted sewer service during the repair work and minimize potential disruptions to the community.

The repairs will include replacing the existing sewer pipe with new components, including an upgraded pipe header, valves and fittings. The new pipe header is a critical component of the system, as it connects the two-lift station pumps and ensures efficient wastewater flow out of the sewer lift station.

The replacement of these parts will improve the system's overall durability, reduce the risk of future failures, and enhance long-term performance.

## **Analysis**

The Invitation to Tender was posted to the Resort Municipality of Whistler (RMOW) bid opportunities page and BC Bid between November 22, 2024, and December 19, 2024. The RMOW received three complete tenders for the Crabapple Repair Project.

Following a comprehensive evaluation, staff recommend awarding the contract to CME. Their competitive bid, demonstrating their understanding of project requirements and market pricing, coupled with their relevant experience and expertise, solidified their suitability for the project. Results from the bidders are listed in Table 1 – Tenderer's Submissions.

Table 1 - Tenderer's Submissions

Engineer's Estimate (ISL Engineering and Land Services)		Engineer's Estimate	\$693,600	Ŧ 17	
ľ	3	Matcon Underground Utilities Ltd.	\$ 811,500	+ 17	
	2	Drake Excavating (2016) Ltd.	\$ 719,900	+ 4	
	1	CME	\$ 608,238	-12	
		TENDERER	TOTAL PRICE (EXCLUDING GST)	VARIANCE TO ENGINEER'S ESTIMATE (%)	

#### **POLICY CONSIDERATIONS**

#### **Relevant Council Authority/Previous Decisions**

Council Policy F-29: Procurement Policy and Administrative Procedure D-1: Procurement requires Council approval for any contracts over the value of \$500,000.

## 2023-2026 Strategic Plan

The 2023-2026 Strategic Plan outlines the high-level direction of the RMOW to help shape community progress during this term of Council. The Strategic Plan contains four priority areas with various associated initiatives that support them. This section identifies how this report links to the Strategic Plan.

#### **Strategic Priorities**

☐ Housing
Expedite the delivery of and longer-term planning for employee housing
☐ Climate Action
Mobilize municipal resources toward the implementation of the Big Moves Climate Action Plan
☐ Community Engagement
Strive to connect locals to each other and to the RMOW
☐ Smart Tourism
Preserve and protect Whistler's unique culture, natural assets and infrastructure

Aligns with core municipal work that falls outside the strategic priorities but improves, maintains, updates and/or protects existing and essential community infrastructure or programs.

## **Community Vision and Official Community Plan**

The Official Community Plan (OCP) is the RMOW's most important guiding document that sets the community vision and long-term community direction. This section identifies how this report applies to the OCP. The Crabapple Repair Project directly aligns with key goals and objectives outlined in OCP Chapter 12 – Infrastructure.

## Goal 12.2: Sustainable and Reliable Sewer Systems

This project directly aligns with Goal 12.2, specifically Objective 12.2.1 and Policies 12.2.1.1 maintaining and replacing susceptible fittings proactively addresses known weak points and potential failure concerns within the sanitary sewer system. This aligns with the OCP's focus on maintaining reliable sewer infrastructure while minimizing environmental impacts. By preventing potential failures and the need for reactive repairs, the project contributes to cost-effectiveness and long-term sustainability, supporting Whistler's move towards a sustainable future.

The Crabapple Repair Project demonstrates the RMOW's commitment to upholding the core principles of the OCP by ensuring the safety, reliability and sustainability of Whistler's essential sewer infrastructure.

#### **BUDGET CONSIDERATIONS**

This project is part of the "E320-01 Sewer Main Repair and Lining" project. Table 2 shows a detailed breakdown of the bid from CME and its comparison to the budget. This bid (the lowest price bid) is 44 per cent less than the allocated budget for 2025.

Table 2 – 2025 Estimated Total Project Cost and Total Project Budget

Budget Code and Project Name	Construction Bid - CME	Estimated 2025 management (PM) cost	Total 2025 Estimated project cost (Tender plus PM)	Variance to Budget (%)	Total 2025 Budget
E320–01 Sewer Main Repair and Lining	\$ 608,238	\$ 68,136	\$ 676,374	- 44	\$ 1,200,000

# LÍLWAT NATION & SQUAMISH NATION CONSIDERATIONS

The RMOW is committed to working with the Lílwat People, known in their language as L'il'wat7úl and the Squamish People, known in their language as the Skwxwú7mesh Úxwumixw to: create an enduring relationship; establish collaborative processes for planning on unceded territories, as currently managed by the provincial government; achieve mutual objectives and enable participation in Whistler's resort economy.

There are no specific considerations to include in this report.

#### **COMMUNITY ENGAGEMENT**

Level of com	munity engage	ment commitm	ent for this project:			
	□ Consult	☐ Involve	☐ Collaborate	☐ Empower		
	•	•	-	nroughout the project. Woroject details and potent		
<b>Social media:</b> Regular updates will be posted on the RMOW's social media channels, providing project information and timelines.						
<b>Project Signs:</b> On-site signage will be displayed at project locations, detailing the work being done and estimated durations.						
<b>Letters to Impacted Residents:</b> Residents directly affected by construction will receive personalized letters outlining the project scope and potential disruptions.						
REFERENC	ES					
Appendix A – E320-01 Tender Award Recommendation						
SUMMARY						
Staff recommend awarding the \$608,238 (excluding GST) Crabapple Repair Project to CME due to their competitive bid and strong qualifications. This project aligns with the RMOW's long-term						

infrastructure plan by enhancing the reliability of the sanitary sewer system. By replacing the force main header, along with related valves and fittings, it minimizes environmental impacts and reduces the risk

of potential system failures, ensuring the continued dependability of this critical infrastructure.

# **SIGN-OFFS**

Written by:

Scott Morphet, Supervisor of Infrastructure Projects Reviewed by:

Chelsey Roberts, Manager of Infrastructure Projects

James Hallisey, General Manager of Infrastructure Services

Virginia Cullen, Chief Administrative Officer