



# WHISTLER

## REPORT | ADMINISTRATIVE REPORT TO COUNCIL

**PRESENTED:** April 20, 2021  
**FROM:** Infrastructure Services  
**SUBJECT:** ALTA LAKE ROAD RESIDENTIAL SEWAGE PUMP STATION – CONTRACT AWARD

**REPORT:** 21-051  
**FILE:** E32009-2021

### COMMENT/RECOMMENDATION FROM THE CHIEF ADMINISTRATIVE OFFICER

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

### RECOMMENDATION

**That** Council award the contract for the supply of the Alta Lake Road residential sewage pump stations in the amount of \$654,258.00 (exclusive of GST) to Engineered Pump Systems Ltd. in accordance with their proposal dated February 23, 2021.

### PURPOSE OF REPORT

The purpose of this Report is to inform Council of the process and outcomes of the 2021 residential sanitary pump station procurement process, and to request approval to proceed with the contract award in the amount of \$654,258.00 (exclusive of GST) in order to supply the residents of Alta Lake road with the necessary residential sewage pump stations as part of the Alta Lake road sanitary system extension project.

### DISCUSSION

The Alta Lake Road sanitary extension project includes installing a new sanitary sewer gravity main on Alta Lake Road that will allow for the connection of 32 residential parcels and one RMOW owned parcel to the municipal sanitary system.

This project is resident driven with a successful petition being received by the RMOW in August 2019 for the implementation of the sanitary sewer system.

Following the approval for the project to proceed from Council on October 18, 2019, the project team has completed the detail design, tender package and completed a procurement process for the sanitary gravity main civil works and purchase of the individual sewer pump stations.

The design of the gravity main resulted in the requirement for each of the 33 parcels to have a small pump station in order to lift and bring the effluent from each private parcel to the gravity main along Alta Lake Road. Many design options and configurations were considered, but this configuration of a gravity sewer main buried at a normal depth of 1.8 metres and small pump stations to service all the properties was chosen as the best combination to allow a low installation cost, low risk to implement, and low cost to maintain.

While the RMOW is purchasing the pump stations and providing them to the property owners, it is up to the property owners to arrange and pay for the installation and on-going maintenance of the pump stations.

The provided pump stations are barrel shaped, approximately one metre in diameter, include two pumps (to ensure there is a back-up pump in case of problems) and all required electrical equipment.

## TENDER RESULTS

The Request for Proposals was posted from February 2 to 23, 2021.

Note: All costs stated in this discussion and subsequent sections are exclusive of GST.

The procurement process resulted in 2 bids being received as follows:

TENDERER AND ENGINEERS ESTIMATE		TOTAL PRICE (EXCLUDING GST)
1	Engineered Pump Systems Ltd.	\$654,258.00
2	Aggressive Pump & Supply Inc.	\$712,955.00

The Request for Proposals (RFP) for these residential pump stations included the fabrication and delivery of 28 pump stations with an additional provisional supply of five more as required. Currently there are five parcels that have their own pump stations which they may be able to re-use, so the contract includes an option to supply and deliver five additional pump stations if they are required. The pump station supply contract will allow for twelve weeks delivery time once an order is placed with the RMOW project team by each resident.

## OCP POLICY CONSIDERATIONS

12.2. Goal - Whistler's sewer systems meet all applicable standards and are maintained in a manner that is cost-effective, ensures reliability and minimizes or eliminates environmental impacts.

12.2.1.1. Policy - Maintain a sewage collection and treatment system that transports and treats sufficient wastewater quantities for current and planned future development, and ensures discharge quality meets or exceeds the Operational Certificate issued by the B.C. Ministry of Environment & Climate Change Strategy.

## OTHER POLICY CONSIDERATIONS

None.

## BUDGET CONSIDERATIONS

The current budget is as follows for the Alta Lake Road Sewer Extension Project that draws from this budget code in 2021: E320-09.

BUDGET CODE NUMBER & NAME	2021 BUDGET AMOUNT	TENDER PRICE	VARIANCE (%)
E320_09 – Sewer Main Upgrades	\$800,000	\$654,258.00	-18

### **SAFETY CONSIDERATIONS**

Engineered Pump Systems, in addition to all RMOW vendors, will be following the recommended safety guidelines with respect to COVID as set forth by WSBC, the BC Provincial Health Officer and the BC Construction Safety Alliance. Their safe work procedures will be reviewed, approved and adjusted daily (as required) prior to starting work.

### **COMMUNITY ENGAGEMENT AND CONSULTATION**

RMOW staff are actively engaged with the neighbourhood residents and general public with regards to this project and its impact to the community via a number of communication forums:

- Update letters to residents, website, Pique Newspaper advertisement.
- An online public information session was held on October 6, 2020 to introduce the design details to residents. Approximately 15 residents were in attendance.
- Residents have been actively engaged in the development of this project and have provided constructive feedback which has been included in the design with this sanitary sewer main extension project.
- Project updates can be found on the RMOW website at:  
<https://www.whistler.ca/services/water-and-wastewater/wastewater/alta-lake-road-sewer-extension-project>

### **SUMMARY**

Staff recommend Council award the contract for purchase of the sanitary sewer pump stations as part of the Alta Lake Road Sanitary Sewer Extension project in the amount of \$654,258.00 (exclusive of GST) to Engineered Pump Systems Ltd. in accordance with their tender proposal dated February 23, 2021.

Awarding this contract is an integral part of completing the installation of the sanitary sewer system in the only established Whistler neighbourhood that does not yet have access to a sanitary sewer.

Respectfully submitted,

Tammy Shore, P. Eng.  
CAPITAL PROJECTS MANAGER  
for  
James Hallisey, P. Eng.  
GENERAL MANAGER OF INFRASTRUCTURE SERVICES