



**GREATER NANAIMO POLLUTION CONTROL CENTRE GRIT AND SEDIMENTATION TANK
REPLACEMENT MECHANISM SUPPLY CONTACT AWARD**

RECOMMENDATIONS

1. That the Regional District of Nanaimo Board approve the award of a contract in the amount of \$958,260 (exclusive of refundable taxes) to Brentwood Industries Inc. for the supply of replacement collector mechanisms for the Greater Nanaimo Pollution Control Centre Grit and Sedimentation Tanks 1, 2 and 3.
2. That the Regional District of Nanaimo Board authorize the Chief Administration Officer and the Corporate Officer to execute the contract.

BACKGROUND

Pursuant to the *Regional District of Nanaimo Delegation of Purchasing Authority Bylaw No. 1783* and *Purchasing Policy No. A2.22*, procurement contracts that exceed a value of \$500,000 (exclusive of taxes) require the approval of the Board of Directors.

Project Background

The Grit and Sedimentation Tanks are major components of the Greater Nanaimo Pollution Control Centre (GNPCC) Primary Treatment Process. The Numbers 1, 2 and 3 grit and primary sedimentation tanks at GNPCC were installed between 1973 and 1989 and have been in operation since. However, the tank grit and sludge collection mechanisms are now due for replacement. Installation of the new mechanisms is planned to begin in 2023, in parallel with surficial concrete repair/relining work that is also scheduled to be completed in the grit and the primary sedimentation tanks.

Project Description

The Grit and Sedimentation tanks are used to settle and remove grit and other heavy materials from the Screened Raw Sewage as part of the Primary Treatment portion of the GNPCC process. This equipment is subject to substantial abrasive and corrosive wear, and these tanks and collector mechanisms require periodic rehabilitation to ensure continued asset reliability and plant performance.

Project Timeline

Due to the long lead time for the fabrication and supply of the collector mechanisms, the procurement is taking place in parallel with the testing, design and specification of the restoration processes for the eroded concrete tanks. This will allow the tanks to undergo concrete restoration and mechanism replacement during the low flow summer seasons of 2023 and 2024.

Procurement Process

A Request for Proposals was posted on the Regional District of Nanaimo (RDN) and BC Bid websites on April 19, 2022. Two (2) submissions were received on the closing date of May 19, 2022.

Evaluation and Selection

The proposals were evaluated based on 60% Technical and 40% Financial, and it is recommended that a contract be awarded to Brentwood Industries Inc. as the highest-ranked proponent. See table below.

Ranking	Company Name	Evaluation Points Assignment			Proposal Value (excl. taxes)
		Technical (60 Points Maximum)	Financial 40 (Points Maximum)	Total (100 Points Maximum)	
1	Brentwood Industries Inc.	50	35	85	\$ 958,260
2	Evoqua Water Technologies LLC	55	25	80	\$ 1,355,615

FINANCIAL IMPLICATIONS

The award of this supply contract is within the approved 2022 – 2026 Financial Plan.

STRATEGIC PLAN ALIGNMENT

This project supports the RDN's Strategic Areas for Environmental Stewardship - Continue to improve the quality of treated wastewater in the Region.

REVIEWED BY:

K. Felker, Manager, Purchasing
T. Moore, Acting Director of Finance
S. DePol, Director, Water and Wastewater Services
E. Tian, General Manager, Engineering and Utilities
D. Holmes, Chief Administration Officer